

WAC LIGHTING



WAC LIGHTING

For over thirty-five years WAC has operated at the forefront of the lighting industry. A second-generation owner-operated business with multiple brands, WAC is well known in the lighting industry winning numerous awards for making the most innovative and technology forward manufacturing and engineering advancements in Track, Recessed, Landscape, Architectural, and Task lighting products.

Fueled by a passion for creating and driving innovation, we strive to develop forward-thinking products that challenge convention and are built to last. Our offerings are at the cutting edge of the market, pushing the limits of mechanical, electrical and optical engineering. WAC has been solving problems and creating solutions in lighting since 1984 and continues to do so with proprietary luminaires, electronics, LED boards, power supplies and assemblies and prides itself on building sustainable products, operating responsibly, giving back to the community and utilizing thought-leadership.



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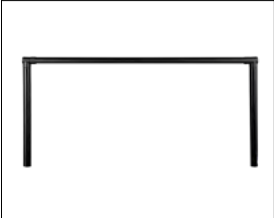
LEDME® II SHOWCASE
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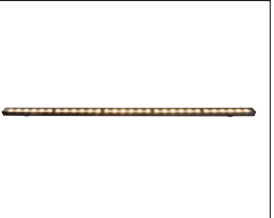
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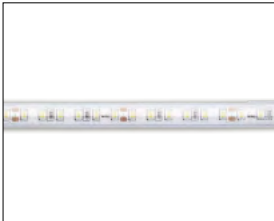


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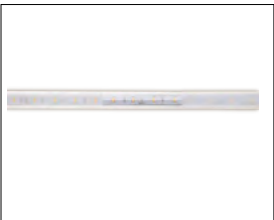
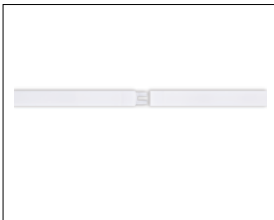
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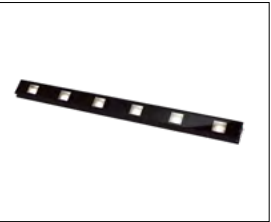
	
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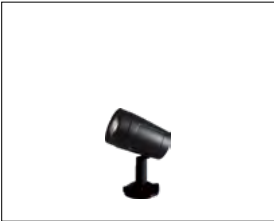
				
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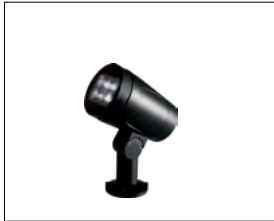
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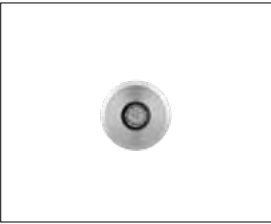
	
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UP LIGHT Ø110 HP
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UP LIGHT Ø180 HP
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UP LIGHT Ø205 HP
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UP LIGHT Ø110 COB
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UP LIGHT Ø180 COB
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UP LIGHT Ø205 COB
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UP LIGHT Ø245 COB
HIGH LUMENS

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UP LIGHT Ø245 COB
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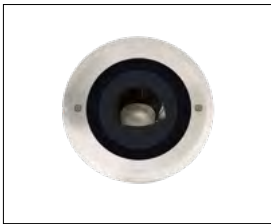
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ADJUSTABLE Ø110 HP
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ADJUSTABLE Ø180 HP
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ADJUSTABLE Ø180 HP
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MEDIUM ROUND
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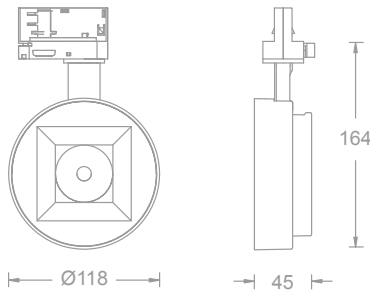
FALCON ROUND



FALCON ROUND

The FALCON series of LED track lighting is designed for museums, galleries and other spaces. Through careful design, the luminaires offer a 30° anti-glare angle, slim profile and robust illumination. Using a unique W-Module optical system and advanced LED technology, FALCON provides a variety of light distributions for the most challenging lighting applications.

Taiping Heavenly History Museum
Nanjing, Jiangsu Province



FALCON ROUND

- Body material: Die-cast aluminum
- Optical system: Lens+SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED CCT, lumen output: 3000K 250lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.6Kg

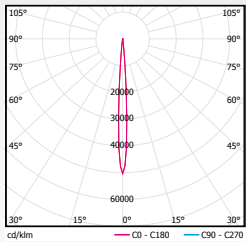
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL71S	Ø118x45x164	LD03 3W	6819cd(3W @3000K 4°)	O D BOn-board 0-10V Dimming Wireless	V 4°	9 A90 97	30 403000K 4000K	BK WTBlack White

Example : TL71SLD03-O-V930WT

TL71SLD03-O-V930

0° Aiming Angle

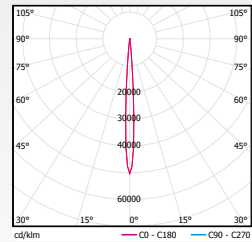
D(M)	LUX	W	L
1	6819	0.12	0.12
2	1704.75	0.24	0.24
3	757.67	0.48	0.48
4	426.19	0.96	0.96

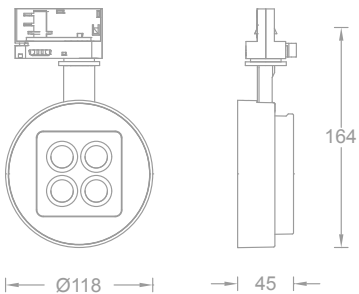


TL71SLD03-O-V940

0° Aiming Angle

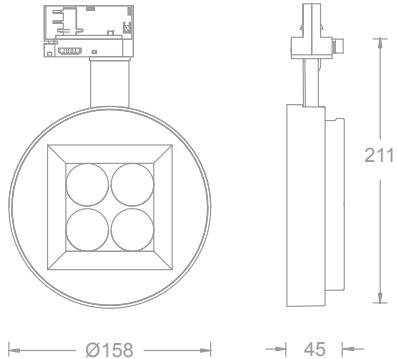
D(M)	LUX	W	L
1	7219.96	0.12	0.12
2	1804.75	0.24	0.24
3	802.22	0.48	0.48
4	451.25	0.96	0.96





FALCON ROUND

- Body material: Die-cast aluminum
- Optical system: Lens+SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED wattage, CCT, lumen output: 8W 3000K 700lm
12W 3000K 875lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.6Kg



FALCON ROUND

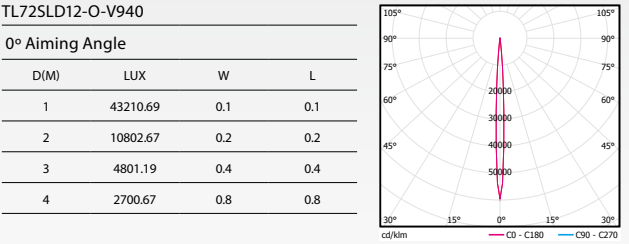
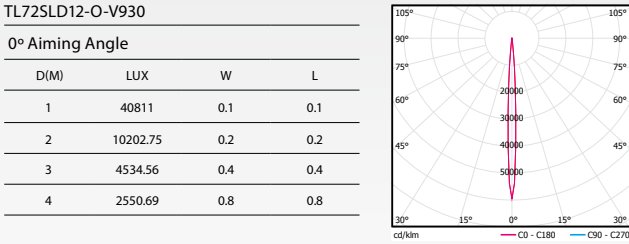
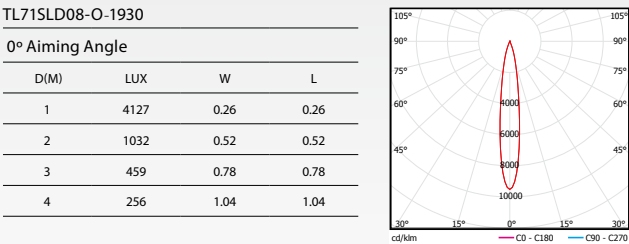
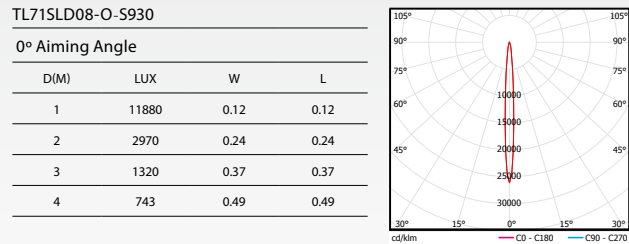
- Body material: Die-cast aluminum
- Optical system: Lens+SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED wattage, CCT, lumen output: 12W 3000K 1000lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.9Kg

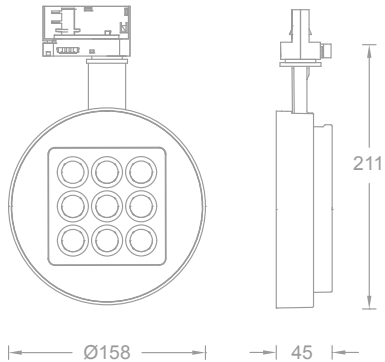
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL71S	Ø118x45x164	LD08 8W LD12 12W	11880cd(8W @3000K 7°) 4217cd(8W @3000K 14°) 3311cd(8W @3000K 20°) 1575cd(8W @3000K 30°) 1024cd(8W @3000K 40°) 3845cd(8W @3000K 10°x30°)	On-board 0-10V Dimming Wireless	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°	9 90 A 97	30 3000K 40 4000K	BK Black WT White

Example : TL71SLD08-O-2930WT

Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL72S	Ø158x45x211	LD12 12W	40811cd(12W @3000K 4°)	On-board 0-10V Dimming Wireless	V 4°	9 90 A 97	30 3000K 40 4000K	BK Black WT White

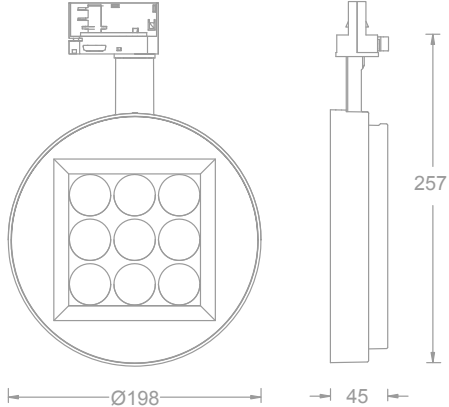
Example : TL72SLD12-O-V930WT





FALCON ROUND

- Body material: Die-cast aluminum
- Optical system: Lens+SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED wattage, CCT, lumen output: 18W 3000K 1575lm
25W 3000K 1970lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.9Kg



FALCON ROUND

- Body material: Die-cast aluminum
- Optical system: Lens+SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED wattage, CCT, lumen output: 27W 3000K 1480lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.3Kg

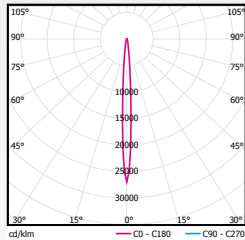
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL72S	Ø158x45x211	LD18 LED 18W LD25 LED 25W	23970cd(18W @3000K 7°) 9306cd(18W @3000K 14°) 6983cd(18W @3000K 20°) 3317cd(18W @3000K 30°) 2143cd(18W @3000K 40°) 7591cd(18W @3000K 10°x30°)	On-board 0-10V Dimming Wireless	5 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°	9 90 A 97	30 3000K 40 4000K	BK Black WT White

Example : TL72SLD18-O-2930WT

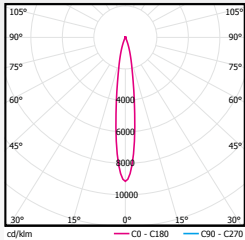
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL73S	Ø198x45x257	LD27 27W	90734cd(27W @3000K 4°)	On-board 0-10V Dimming Wireless	V 4°	9 90 A 97	30 3000K 40 4000K	BK Black WT White

Example : TL73SLD27-O-V930WT

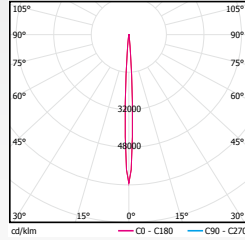
TL72SLD18-O-S930			
0° Aiming Angle			
D(M)	LUX	W	L
1	18696	0.12	0.12
2	4674	0.24	0.24
3	2077	0.36	0.36
4	1169	0.48	0.48



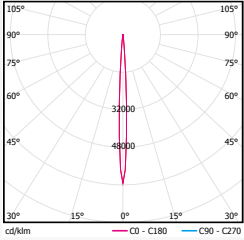
TL72SLD18-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	5908	0.26	0.26
2	1477	0.51	0.51
3	656	0.77	0.77
4	369	1.02	1.02

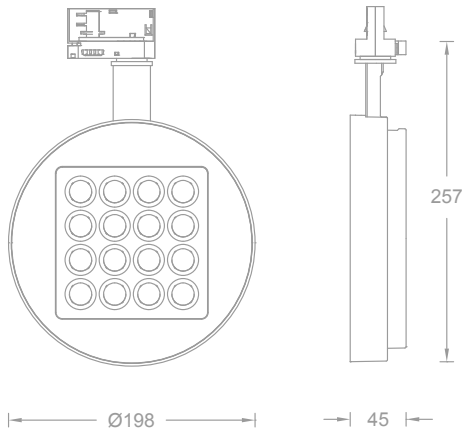


TL73SLD27-O-V930			
0° Aiming Angle			
D(M)	LUX	W	L
1	90734	0.1	0.1
2	22683.5	0.2	0.2
3	10081.56	0.4	0.4
4	5670.86	0.8	0.8



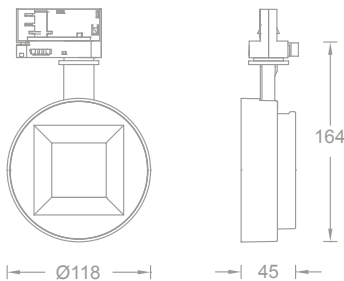
TL73SLD27-O-V940			
0° Aiming Angle			
D(M)	LUX	W	L
1	96069.16	0.1	0.1
2	24017.29	0.2	0.2
3	10674.35	0.4	0.4
4	6004.32	0.8	0.8





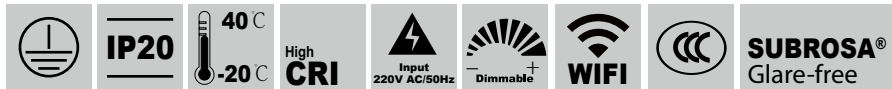
FALCON ROUND

- Body material: Die-cast aluminum
- Optical system: Lens+SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED wattage, CCT, lumen output: 32W 3000K 2800lm 42W 3000K 2960lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.3Kg



FALCON ROUND Wall Washer

- Body material: Die-cast aluminum
- Optical system: Lens + Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED wattage, CCT, lumen output: 8W 3000K 700lm 12W 3000K 875lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.6Kg



Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL73S	Ø198x45x257	LD32 LED 32W LD40 LED 42W	39580cd(42W @3000K 7°) 16652cd(42W @3000K 14°) 13241cd(42W @3000K 20°) 7060cd(42W @3000K 30°) 4589cd(42W @3000K 40°) 13159cd(42W @3000K 10°x30°)	On-board 0-10V Dimming Wireless	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°	9 90 A 97	30 3000K 40 4000K	BK Black WT White

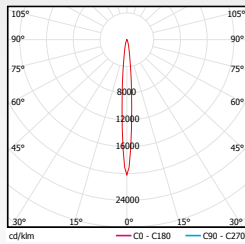
Example : TL73SLD32-O-2930WT



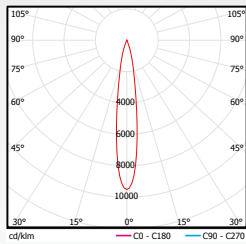
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL71W	Ø118x45x164	LD08 8W LD12 12W	459lm(8W @3000K)	On-board 0-10V Dimming Wireless	W Wall Washer	9 90 A 97	30 3000K 40 4000K	BK Black WT White

Example : TL71WLD08-O-W930WT

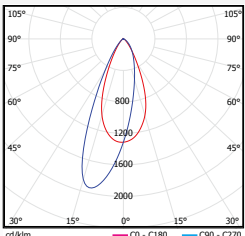
TL73SLD32-O-S930			
0° Aiming Angle			
D(M)	LUX	W	L
1	32308	0.14	0.14
2	8077	0.28	0.28
3	3590	0.42	0.42
4	2019	0.56	0.56



TL73SLD32-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	14893	0.27	0.27
2	3723	0.54	0.54
3	1655	0.81	0.81
4	931	1.08	1.08



Simulated data TL71WLD08-O-W930



Specifications :

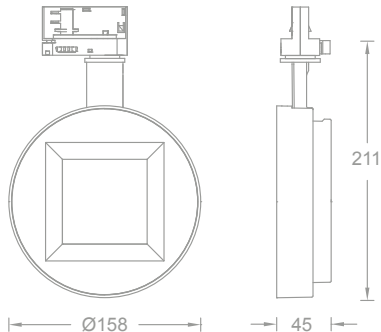
Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 0.99

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	65	67	64	66	65
2.40	125	131	123	133	123
2.10	155	166	151	168	151
1.80	160	169	157	172	158
1.50	148	154	147	156	146
1.20	127	133	127	134	127
0.90	105	110	106	110	105
0.60	87	91	88	90	88
0.30	76	79	79	78	77

Specifications :

Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 1.08

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	61	59	61	59	62
2.40	118	116	117	117	116
2.10	145	147	142	150	141
1.80	150	152	148	155	147
1.50	137	139	137	142	136
1.20	117	122	117	123	117
0.90	97	101	97	101	96
0.60	81	84	81	84	81
0.30	70	73	73	73	71



FALCON ROUND Wall Washer

- Body material: Die-cast aluminum
- Optical system: Lens + Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED wattage, CCT, lumen output: 18W 3000K 1575lm 25W 3000K 1970lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.9Kg

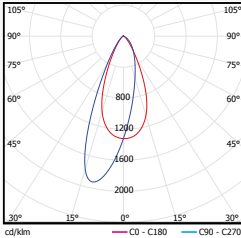


Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL72W	Ø158x45x211	LD18 18W LD27 27W	774lm(18W @3000K) 977lm(27W @3000K)	O On-board D 0-10V Dimming B Wireless	W Wall Washer	9 90 A 97	30 3000K 40 4000K	BK Black WT White

Example : TL72WLD18-O-W930WT

Simulated data TL72WLD18-O-W930

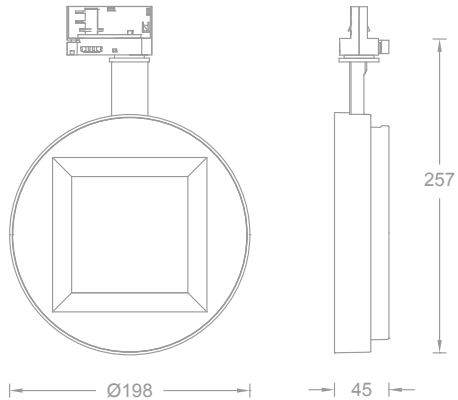
Specifications :
Number of luminaires: n > 5
Wall height (m): 4.0
Angle of tilt: 30°
Offset from wall (m): 1.2
Luminaire spacing (m): 1.32



H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
3.60	85	89	88	87	87
3.20	154	164	155	164	154
2.80	187	203	185	204	186
2.40	194	204	193	206	194
2.00	180	185	178	186	179
1.60	151	156	150	157	151
1.20	124	127	125	127	123
0.80	102	104	104	105	102
0.40	88	92	91	91	89

Specifications :
Number of luminaires: n > 5
Wall height (m): 4.0
Angle of tilt: 30°
Offset from wall (m): 1.2
Luminaire spacing (m): 1.44

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
3.60	80	79	83	78	82
3.20	145	145	146	145	145
2.80	175	182	175	183	175
2.40	181	184	181	185	181
2.00	167	168	166	169	166
1.60	139	143	139	143	139
1.20	114	117	115	117	113
0.80	94	97	95	97	93
0.40	81	84	84	84	82



FALCON ROUND Wall Washer

- Body material: Die-cast aluminum
- Optical system: Lens + Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED wattage, CCT, lumen output: 32W 3000K 2800lm 43W 3000K 2960lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.3Kg

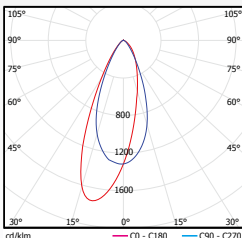


Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL73W	Ø198x45x257	LD32 32W LD43 42W	1641lm(32W @3000K) 1969lm(42W @3000K)	O On-board D 0-10V Dimming B Wireless	W Wall Washer	9 90 A 97	30 3000K 40 4000K	BK Black WT White

Example : TL73WLD32-O-W930WT

Simulated data TL73WLD32-O-W930

Specifications :
Number of luminaires: n > 5
Wall height (m): 5.0
Angle of tilt: 30°
Offset from wall (m): 1.5
Luminaire spacing (m): 1.8



H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.50	99	102	103	100	102
4.00	159	162	158	162	160
3.50	184	191	182	192	184
3.00	186	190	185	190	184
2.50	170	172	169	173	169
2.00	145	148	144	148	144
1.50	120	124	120	124	118
1.00	100	103	101	103	99
0.50	88	90	90	90	87

Specifications :
Number of luminaires: n > 5
Wall height (m): 5.0
Angle of tilt: 30°
Offset from wall (m): 1.5
Luminaire spacing (m): 1.65

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.50	105	109	107	107	108
4.00	165	180	166	179	166
3.50	192	210	192	210	192
3.00	196	207	196	207	193
2.50	180	186	180	187	179
2.00	153	160	154	160	152
1.50	128	132	129	132	126
1.00	106	109	109	109	106
0.50	93	96	97	96	93

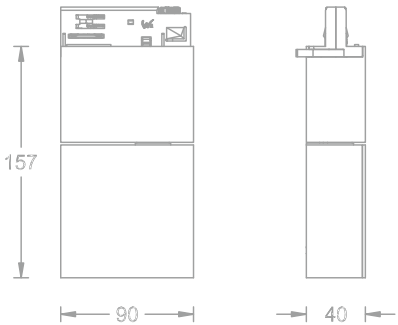


FALCON II

FALCON II

The FALCON II series of LED track lighting is designed for museums, galleries and other spaces. Through careful design, the luminaires offer a 35° anti-glare angle, slim profile and an ability to support DALI controls. Using a unique W-Module optical system and advanced LED technology, FALCON provides a variety of light distributions for the most challenging lighting applications.

Heilan Art Museum
Jiangyin, Jiangsu Province



FALCON II

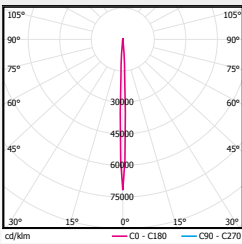
- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Barn door is available
- LED type: High Power LED
- LED CCT, lumen output: 3000K 175lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.7Kg



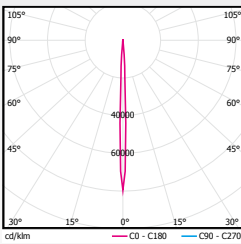
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL61H	90x40x157	LD02 2W	10097cd(2W @3000K 4°)	O On-board A DALI D 0-10V Dimming	V 4°	9 95 (typ.)	30 3000K 40 4000K	BK Black WT White

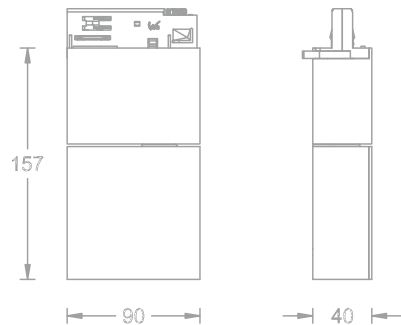
Example : TL61HLD02-O-V930BK

TL61HLD02-O-V930			
0° Aiming Angle			
D(M)	LUX	W	L
1	10097	0.07	0.07
2	2524	0.15	0.15
3	1122	0.22	0.22
4	631	0.29	0.29



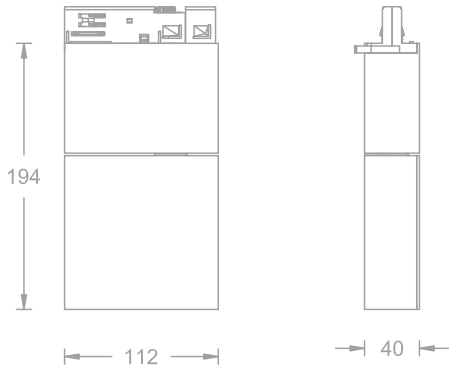
TL61HLD02-O-V940			
0° Aiming Angle			
D(M)	LUX	W	L
1	11520	0.07	0.07
2	2880	0.13	0.13
3	1280	0.20	0.20
4	720	0.27	0.27





FALCON II

- Body material: Die-cast aluminum
- Optical system: Lens+SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED CCT, lumen output: 3000K 700lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.7Kg



FALCON II

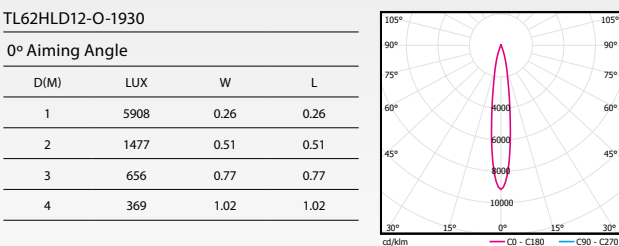
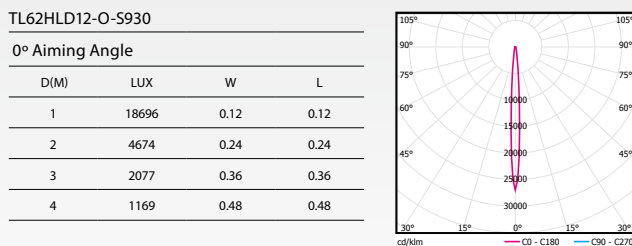
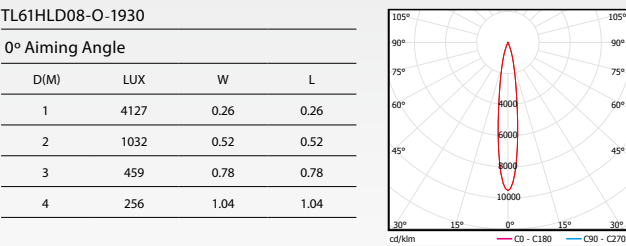
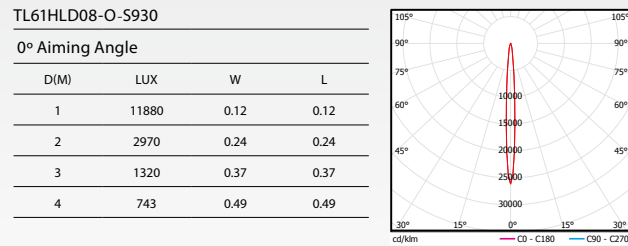
- Body material: Die-cast aluminum
- Optical system: Lens+SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED wattage, CCT, lumen output: 12W 3000K 1050lm
18W 3000K 1575lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.0Kg

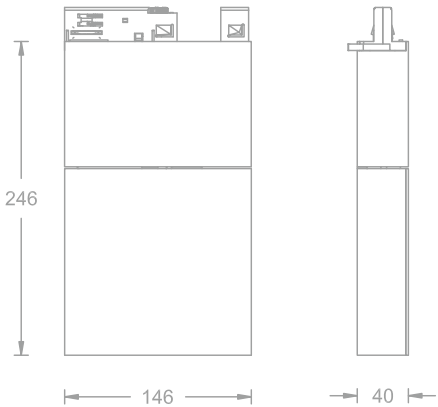
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL61H	90x40x157	LD08 8W	11880cd(8W @3000K 7°) 4217cd(8W @3000K 14°) 3311cd(8W @3000K 20°) 1575cd(8W @3000K 30°) 1024cd(8W @3000K 40°) 3845cd(8W @3000K 10°x30°)	O On-board A DALI D 0-10V Dimming	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30° G 25°x45°	9 95 (typ.)	30 3000K 40 4000K	BK Black WT White

Example : TL61HLD08-O-5930BK

Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL62H	112x40x194	LD12 12W LD18 18W	23970cd(18W @3000K 7°) 9306cd(18W @3000K 14°) 6983cd(18W @3000K 20°) 3317cd(18W @3000K 30°) 2143cd(18W @3000K 40°) 7591cd(18W @3000K 10°x30°)	O On-board A DALI D 0-10V Dimming	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°	9 95 (typ.)	30 3000K 40 4000K	BK Black WT White

Example : TL62HLD12-O-1930BK





FALCON II

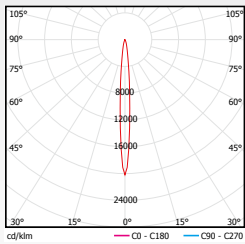
- Body material: Die-cast aluminum
- Optical system: Lens+SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED wattage, CCT, lumen output: 24W 3000K 2100lm
32W 3000K 2800lm
40W 3000K 3500lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.7Kg



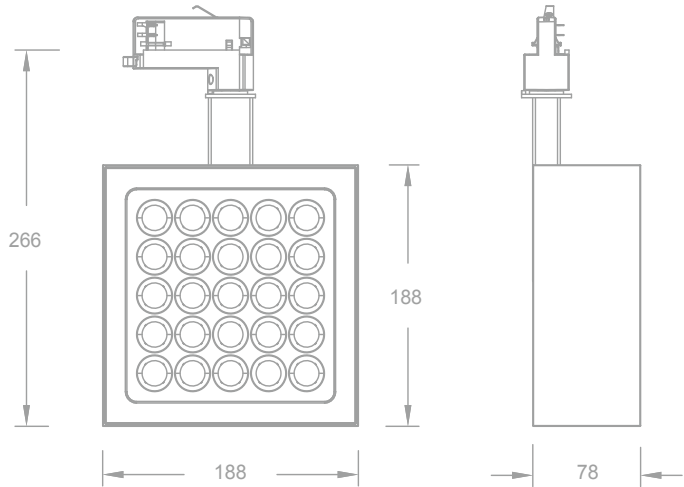
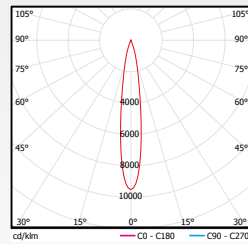
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL63H	146x40x246	LD24 24W LD32 32W LD40 40W	39580cd(40W @3000K 7°) 16652cd(40W @3000K 14°) 13241cd(40W @3000K 20°) 7060cd(40W @3000K 30°) 4589cd(40W @3000K 40°) 13159cd(40W @3000K 10°x30°)	O On-board A DALI D 0-10V Dimming	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°	9 95 (typ.)	30 3000K 40 4000K	BK Black WT White

Example : TL63HLD24-O-1930BK

TL63HLD32-O-S930				
0° Aiming Angle				
D(M)	LUX	W	L	
1	32308	0.14	0.14	
2	8077	0.28	0.28	
3	3590	0.42	0.42	
4	2019	0.56	0.56	

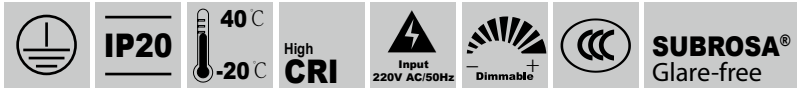


TL63HLD32-O-1930				
0° Aiming Angle				
D(M)	LUX	W	L	
1	14893	0.27	0.27	
2	3723	0.54	0.54	
3	1655	0.81	0.81	
4	931	1.08	1.08	



FALCON II

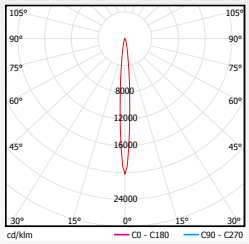
- Body material: Die-cast aluminum
- Optical system: Lens+SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED wattage, CCT, lumen output: 50W 3000K 4650lm
70W 3000K 6000lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 2.3Kg



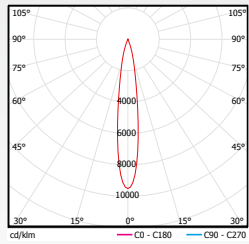
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL64H	188x78x266	LD50 50W LD70 70W	118700cd(70W @3000K 7°) 50516cd(70W @3000K 14°) 39720cd(70W @3000K 20°) 21180cd(70W @3000K 30°) 13770cd(70W @3000K 40°) 39480cd(70W @3000K 10°x30°)	O On-board D 0-10V Dimming	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°	9 90 A 95	30 3000K 40 4000K	BK Black WT White

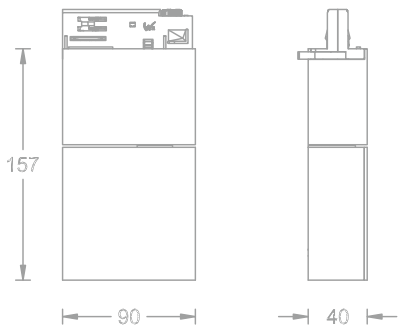
Example : TL64HLD50-O-1930BK

TL64HLD50-O-S930				
0° Aiming Angle				
D(M)	LUX	W	L	
1	118700	0.14	0.14	
2	29675	0.28	0.28	
3	13189	0.42	0.42	
4	7419	0.56	0.56	



TL64HLD50-O-1930				
0° Aiming Angle				
D(M)	LUX	W	L	
1	50516	0.27	0.27	
2	12629	0.54	0.54	
3	5613	0.81	0.81	
4	3157	1.08	1.08	





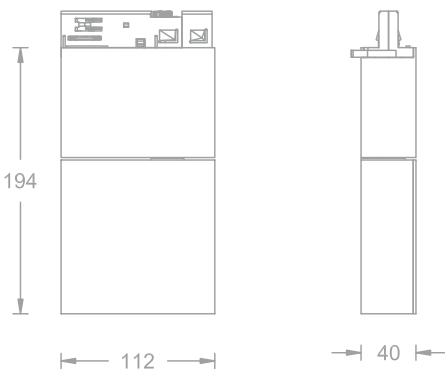
FALCON Wall Washer

- Body material: Die-cast aluminum
 - Optical system: Lens + Wall Washer system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 700lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 0.7Kg



Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL61W	90x40x157	LD08 8W	459lm(@3000K)	O A DOn-board DALI 0-10V Dimming	W Wall Washer	9 95 (typ.)	30 3000K 40 4000K	BK Black WT White

Example : TL61WLD08-O-W930BK



FALCON Wall Washer

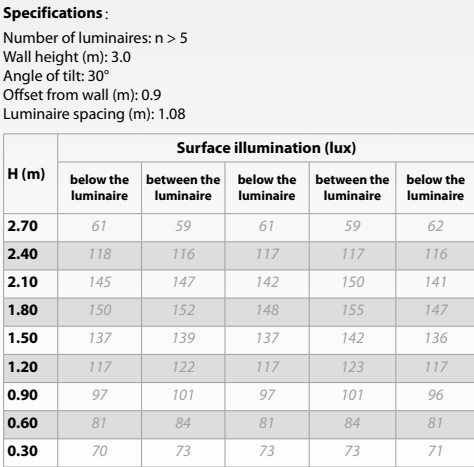
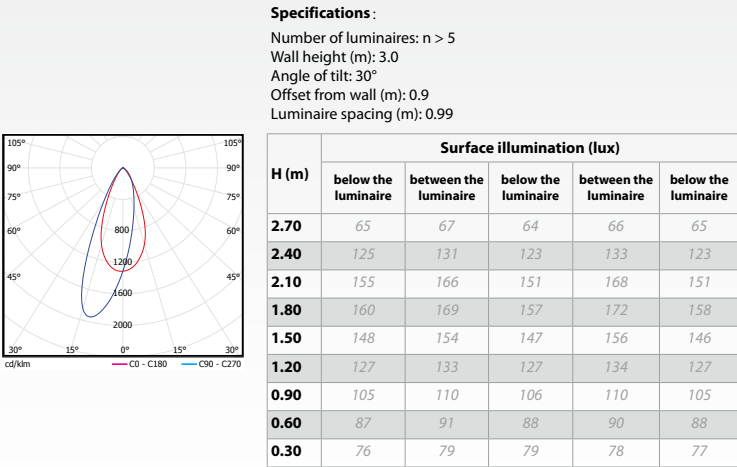
- Body material: Die-cast aluminum
 - Optical system: Lens + Wall Washer system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available
- LED type: High Power LED
 - LED wattage, CCT, lumen output: 12W 3000K 1050lm
18W 3000K 1575lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.0Kg



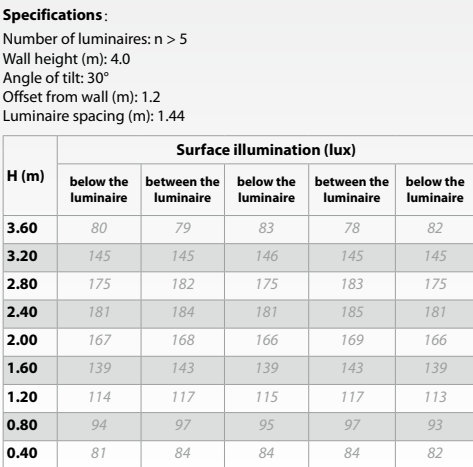
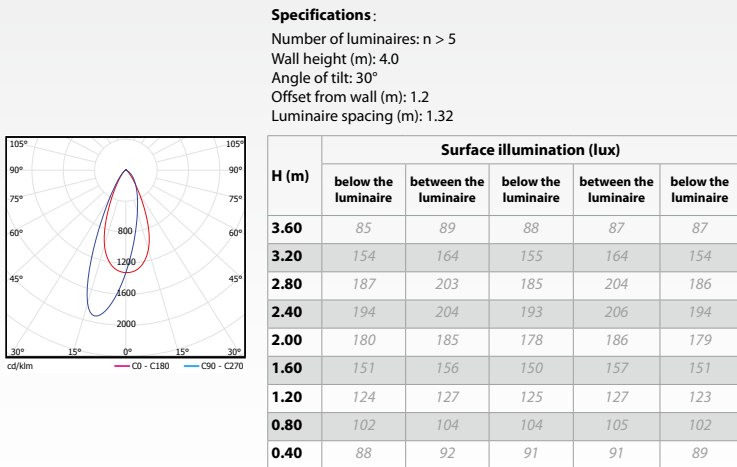
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL62W	112x40x194	LD12 12W LD18 18W	774lm(12W @3000K) 977lm(18W @3000K)	O A DOn-board DALI 0-10V Dimming	W Wall Washer	9 95 (typ.)	30 3000K 40 4000K	BK Black WT White

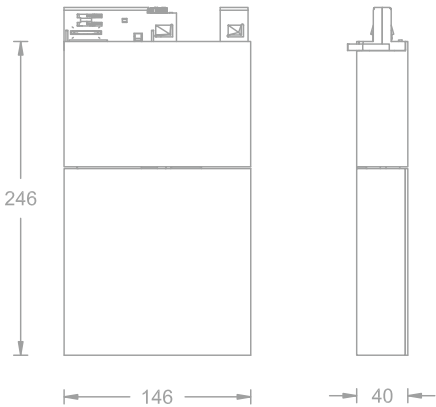
Example : TL62WLD12-O-W930BK

Simulated data TL61WLD08-O-W930



Simulated data TL62WLD18-O-W930





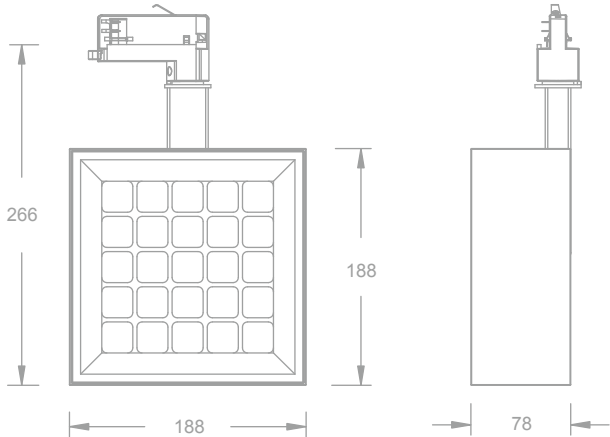
FALCON Wall Washer

- Body material: Die-cast aluminum
- Optical system: Lens + Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available
- LED type: High Power LED
- LED wattage, CCT, lumen output: 24W 3000K 2100lm
32W 3000K 2800lm
40W 3000K 3500lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.7Kg



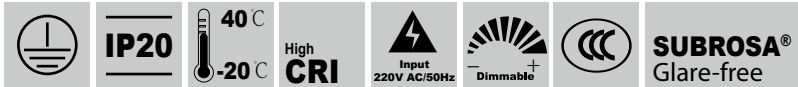
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL63W	146x40x246	LD24 24W LD32 32W LD40 40W	1563lm(24W @3000K) 1641lm(32W @3000K) 1969lm(40W @3000K)	On-board DALI 0-10V Dimming	W Wall Washer	9 95 (typ.)	30 3000K 40 4000K	BK Black WT White

Example : TL63WLD24-O-W930BK



FALCON Wall Washer

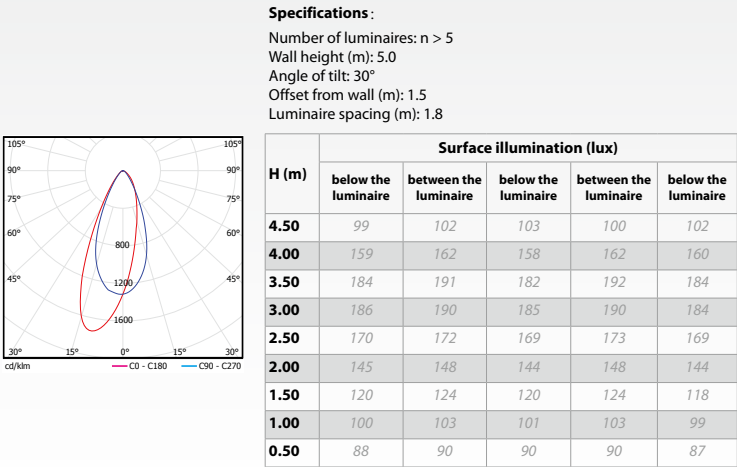
- Body material: Die-cast aluminum
- Optical system: Lens + Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available
- LED type: High Power LED
- LED wattage, CCT, lumen output: 50W 3000K 4650lm
70W 3000K 6300lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 2.3Kg



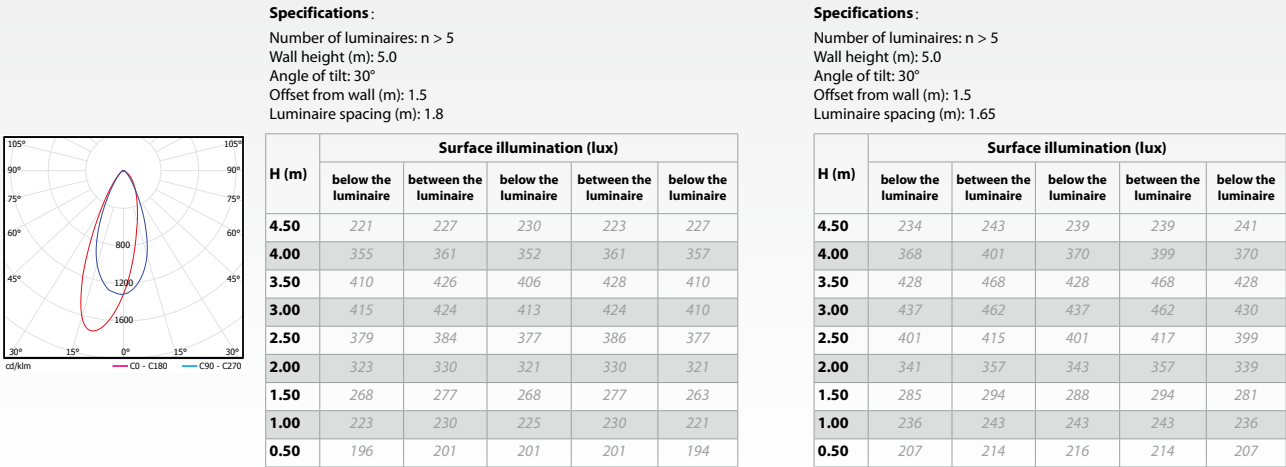
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL64W	188x78x266	LD50 50W LD70 70W	3658lm(50W @3000K) 4389lm(70W @3000K)	On-board 0-10V Dimming	W Wall Washer	9 90 A 95	30 3000K 40 4000K	BK Black WT White

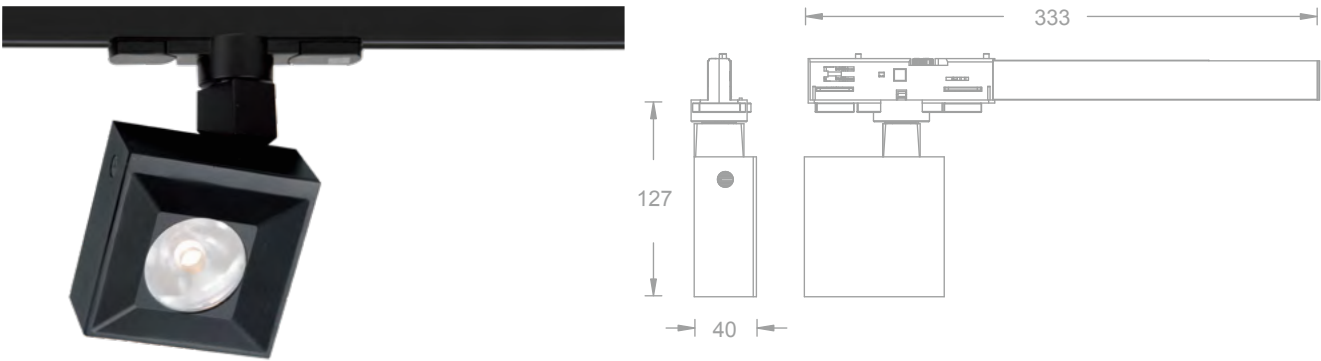
Example : TL64WLD50-O-W930BK

Simulated data TL63WLD32-O-W930



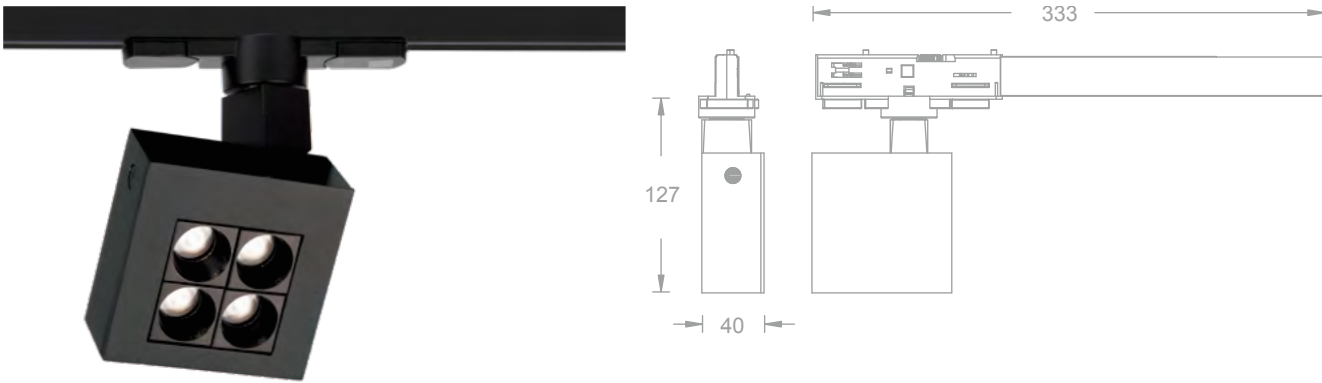
Simulated data TL64WLD50-O-W930





FALCON Mini

- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Barn door is available
- LED type: High Power LED
- LED CCT, lumen output: 3000K 175lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.7Kg



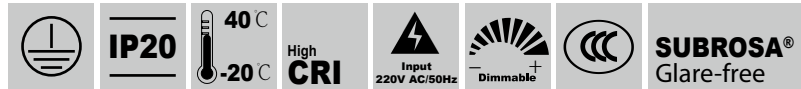
FALCON Mini

- Body material: Die-cast aluminum
- Optical system: Lens+SUBROSA®optical system
- Finish:Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 2pcs, one piece allowed per Class
- LED type: High Power LED
- LED CCT, lumen output: 3000K 700lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.7Kg



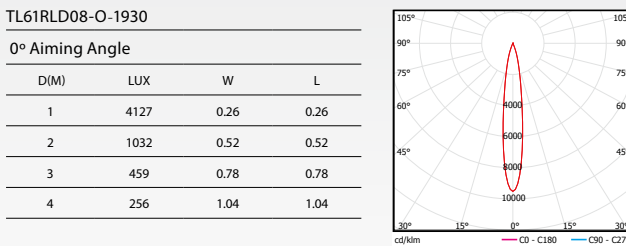
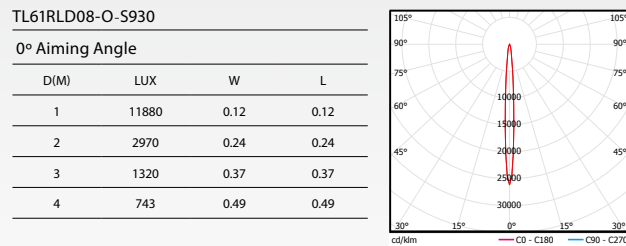
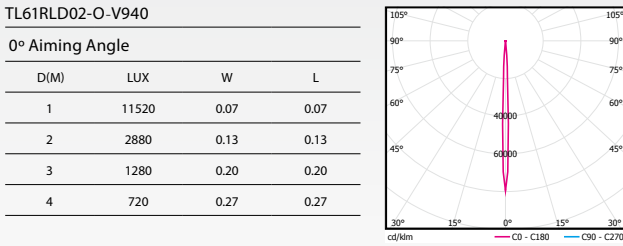
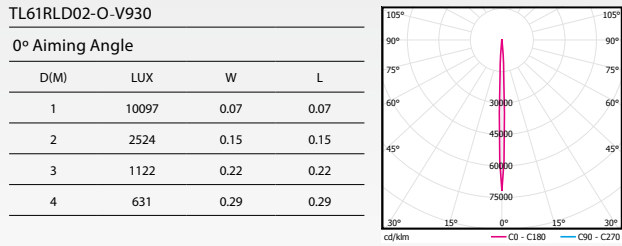
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL61R	333x40x127	LD02 2W	10097cd(2W @3000K 4°)	On-board 0-10V Dimming	4°	95 (typ.)	30 3000K 40 4000K	BK Black WT White

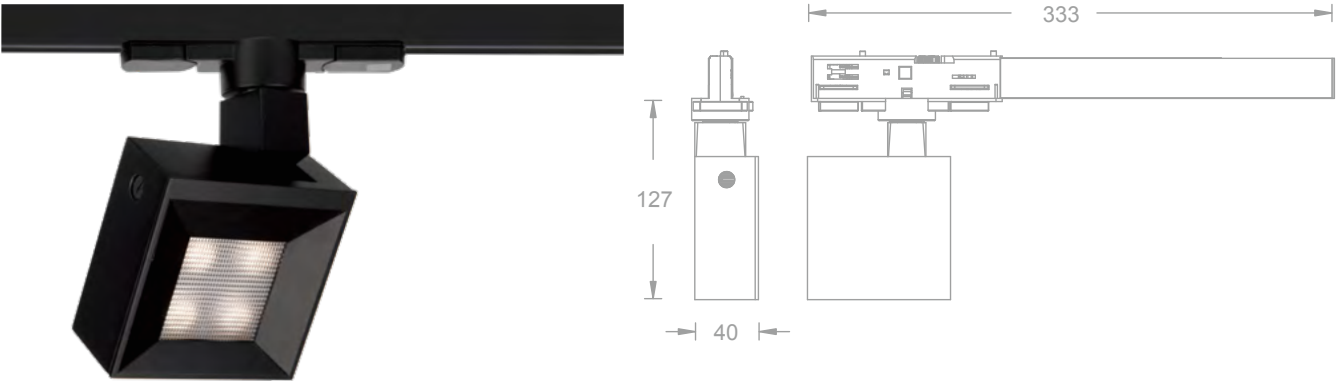
Example : TL61RLD02-O-V930BK



Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL61R	333x40x127	LD08 8W	11880cd(8W @3000K 7°) 4217cd(8W @3000K 14°) 3311cd(8W @3000K 20°) 1575cd(8W @3000K 30°) 1024cd(8W @3000K 40°) 3845cd(8W @3000K 10°x30°)	On-board 0-10V Dimming	7° 14° 20° 30° 40° 10°x30° 25°x45°	95 (typ.)	30 3000K 40 4000K	BK Black WT White

Example : TL61RLD08-O-1930BK





FALCON Mini Wall Washer

- Body material: Die-cast aluminum
- Optical system: Lens + Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available
- LED type: High Power LED
- LED CCT, lumen output: 3000K 700lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.7Kg



Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL61R	333x40x127	LD08 8W	459lm(@3000K)	On-board 0-10V Dimming	Wall Washer	95 (typ.)	3000K 4000K	Black White

Example : TL61RLD08-O-W930BK

Simulated data TL61RLD08-O-W930

Specifications:
Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 0.99

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	65	67	64	66	65
2.40	125	131	123	133	123
2.10	155	166	151	168	151
1.80	160	169	157	172	158
1.50	148	154	147	156	146
1.20	127	133	127	134	127
0.90	105	110	106	110	105
0.60	87	91	88	90	88
0.30	76	79	79	78	77

Specifications:
Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 1.08

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	61	59	61	59	62
2.40	118	116	117	117	116
2.10	145	147	142	150	141
1.80	150	152	148	155	147
1.50	137	139	137	142	136
1.20	117	122	117	123	117
0.90	97	101	97	101	96
0.60	81	84	81	84	81
0.30	70	73	73	73	71

LENSES/FILTERS				
Model	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
TL61H	LENS-TL61H-G -"typ."	LENS-TL61H-BSL	LENS-TL61H-FR	LENS-TL61H-HCM
TL62H	LENS-TL62H-G -"typ."	LENS-TL62H-BSL	LENS-TL62H-FR	LENS-TL62H-HCM
TL63H	LENS-TL63H-G -"typ."	LENS-TL63H-BSL	LENS-TL63H-FR	LENS-TL63H-HCM

Note: "typ."stands for the beam angle of the lens "10D/20D/30D/40D/55D" or"1060D"/"3060D"
Example: LENS-TL62H-G-10D

OPTICAL ACCESSORIES				
Model	BARN DOOR (CLASS II)			
TL61H/TL61W/TL61R	LENS-TL61-BD			
TL62H/TL62W	LENS-TL62-BD			
TL63H/TL63W	LENS-TL63-BD			

Note: Up to 2pcs of optical accessories, only one piece allowed per Class.
Please consult WAC for the beam angles with optical accessories.

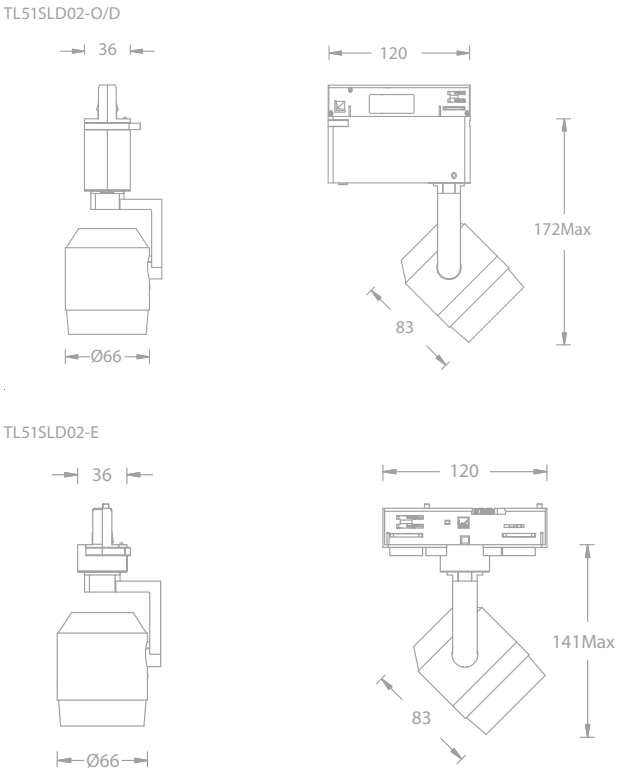


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- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- LED type: High Power LED
- LED CCT, lumen output: 3000K 175lm
- LED lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.76Kg



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL51S	LD02 LED 2W	11526cd(2W @3000K 4°)	E O D ON-OFF On-board 0-10V Dimming	V 4°	9 90	30 3000K 40 4000K	BK WT PT Black White Platinum

Example : TL51SLD02-O-V930BK

PALOMA™ Pro

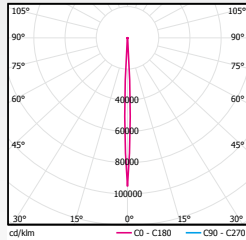
The PALOMA™ Pro series of museum-quality LED track luminaires features contoured designs that adapt to today's building trends and codes. The PALOMA Pro is perfect for museums, galleries and offers architectural styled luminaires while using a unique modular optical system and advanced proprietary LED technology. A variety of beam distributions are available for different environments.

Zhejiang Museum of Natural History
Anji, Zhejiang Province

TL51SLD02-O-V930

0° Aiming Angle

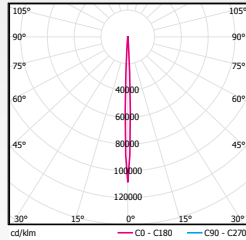
D(M)	LUX	W	L
1	11526	0.07	0.07
2	2881	0.15	0.15
3	1281	0.22	0.22
4	720	0.29	0.29

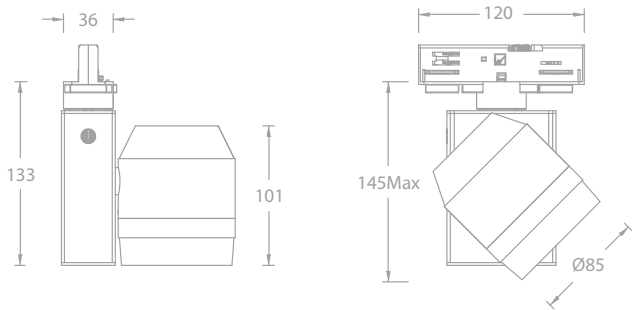


TL51SLD02-O-V940

0° Aiming Angle

D(M)	LUX	W	L
1	11872	0.07	0.07
2	2968	0.14	0.14
3	1319	0.21	0.21
4	742	0.28	0.28





PALOMA™ Pro

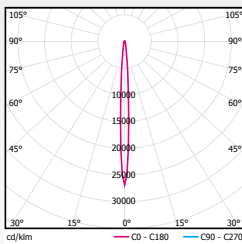
- Body material: Die-cast aluminum
- Optical system: Lens + W-Module system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- Accessories/Brackets: Barn door available
- LED type: High Power LED
- LED CCT, lumen output: 8W 3000K 700lm
12W 3000K 980lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.85Kg



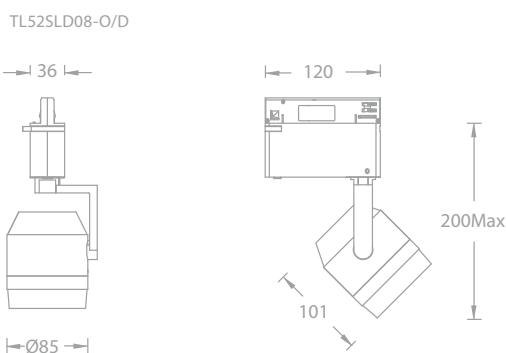
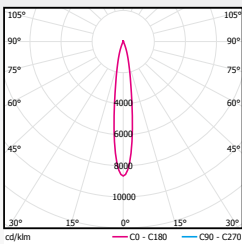
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL52C	LD08 LED 8W LD12 LED 12W	13216cd(12W @3000K 7°) 6074cd(12W @3000K 14°) 3413cd(12W @3000K 20°) 1935cd(12W @3000K 30°) 1252cd(12W @3000K 40°) 4553cd(12W @3000K 10°x30°)	O On-board D 0-10V Dimming	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30° O 30°x10° W Wall Washer	9 90	30 3000K 40 4000K	BK Black WT White PT Platinum

Example : TL52CLD08-O-S930BK

TL52CLD12-O-S930			
0° Aiming Angle			
D(M)	LUX	W	L
1	13216	0.11	0.11
2	3304	0.22	0.22
3	1468	0.34	0.34
4	826	0.45	0.45



TL52CLD12-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	6074	0.27	0.27
2	1519	0.53	0.53
3	675	0.80	0.80
4	380	1.07	1.07



PALOMA™ Pro

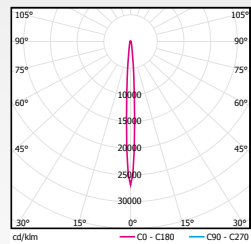
- Body material: Die-cast aluminum
- Optical system: Lens + W-Module system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- Accessories/Brackets: Barn door
- LED type: High Power LED
- LED CCT, lumen output: 3000K 700lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.85Kg



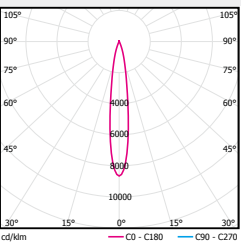
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL52S	LD08 LED 8W	11723cd(8W @3000K 7°) 3527cd(8W @3000K 14°) 3074cd(8W @3000K 20°) 1390cd(8W @3000K 30°) 864cd(8W @3000K 40°) 3740cd(8W @3000K 10°x30°)	E ON-OFF O On-board D 0-10V Dimming	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30° O 30°x10° W Wall Washer	9 90	30 3000K 40 4000K	BK Black WT White PT Platinum

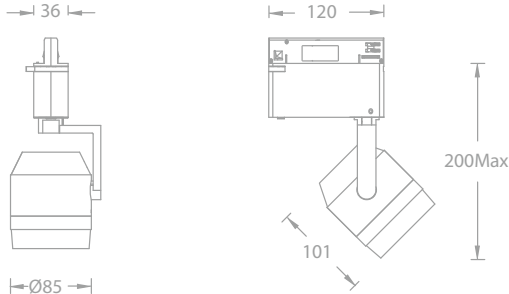
Example : TL52SLD08-O-S930BK

TL52SLD08-O-S930			
0° Aiming Angle			
D(M)	LUX	W	L
1	11723	0.11	0.11
2	2931	0.22	0.22
3	1303	0.34	0.34
4	733	0.45	0.45



TL52SLD08-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	3527	0.27	0.27
2	882	0.53	0.53
3	392	0.80	0.80
4	220	1.07	1.07





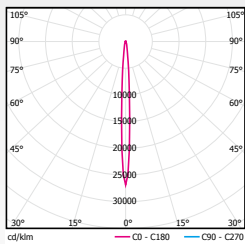
PALOMA™ Pro

- Body material:Die-cast aluminum
- Optical system: Lens + W-Module system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- Accessories/Brackets: Barn door available
- LED type: High Power LED
- LED CCT, lumen output: 3000K 980lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.85Kg

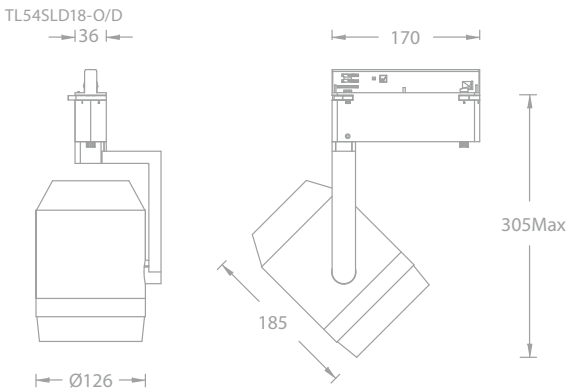
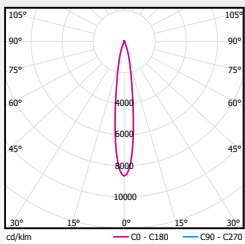
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL52S	LD12 LED 12W	13216cd(12W @3000K 7°) 6074cd(12W @3000K 14°) 3413cd(12W @3000K 20°) 1935cd(12W @3000K 30°) 1252cd(12W @3000K 40°) 4553cd(12W @3000K 10°x30°)	O On-board D 0-10V Dimming	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30° O 30°x10° W Wall Washer	9 90	30 3000K 40 4000K	BK Black WT White PT Platinum

Example : TL52SLD12-O-S930BK

TL52SLD12-O-S930			
0° Aiming Angle			
D(M)	LUX	W	L
1	13216	0.11	0.11
2	3304	0.22	0.22
3	1468	0.34	0.34
4	826	0.45	0.45



TL52SLD12-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	6074	0.27	0.27
2	1519	0.53	0.53
3	675	0.80	0.80
4	380	1.07	1.07



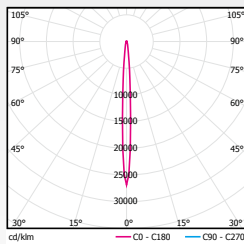
PALOMA™ Pro

- Body material: Die-cast aluminum
- Optical system: Lens + W-Module system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- Accessories/Brackets: Barn door
- LED type: High Power LED
- LED CCT, lumen output: 3000K 1575lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.78Kg

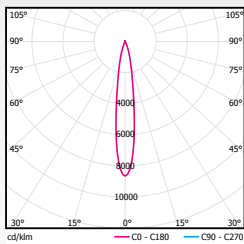
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL54S	LD18 LED 18W	26353cd(18W @3000K 7°) 7084cd(18W @3000K 14°) 5071cd(18W @3000K 20°) 2586cd(18W @3000K 30°) 1951cd(18W @3000K 40°) 6758cd(18W @3000K 10°x30°)	E ON-OFF O On-board D 0-10V Dimming	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30° O 30°x10°	9 90	30 3000K 40 4000K	BK Black WT White PT Platinum

Example : TL54SLD18-O-S930BK

TL54SLD18-O-S930			
0° Aiming Angle			
D(M)	LUX	W	L
1	26353	0.16	0.16
2	6634	0.33	0.33
3	2948	0.49	0.49
4	1685	0.66	0.66



TL54SLD18-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	7084	0.27	0.27
2	1771	0.54	0.54
3	787	0.81	0.81
4	443	1.08	1.08





PALOMA™ Pro

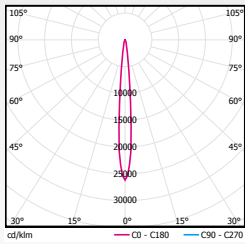
- Body material: Die-cast aluminum
- Optical system: Lens + W-Module system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- Accessories/Brackets: Barn door
- LED type: High Power LED
- LED CCT, lumen output: 3000K 2100lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.72Kg



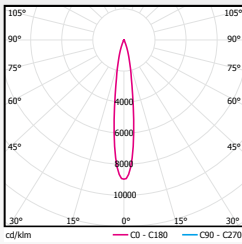
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL55S	LD24 LED 24W	34448cd(24W @3000K 7°) 11156cd(24W @3000K 14°) 8937cd(24W @3000K 20°) 4455cd(24W @3000K 30°) 2748cd(24W @3000K 40°) 11232cd(24W @3000K 10°x30°)	E ON-OFF O On-board D 0-10V Dimming	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30° O 30°x10°	9 90	30 3000K 40 4000K	BK Black WT White PT Platinum

Example : TL55SLD24-O-S930BK

TL55SLD24-O-S930 0° Aiming Angle			
D(M)	LUX	W	L
1	34448	0.16	0.16
2	8612	0.33	0.33
3	3828	0.49	0.49
4	2153	0.66	0.66



TL55SLD24-O-1930 0° Aiming Angle			
D(M)	LUX	W	L
1	11156	0.27	0.27
2	2789	0.55	0.55
3	1240	0.82	0.82
4	697	1.10	1.10



PALOMA™ Pro

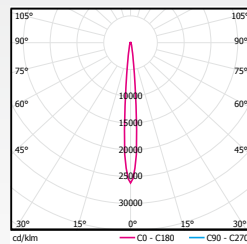
- Body material: Die-cast aluminum
- Optical system: Lens + W-Module system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- Accessories/Brackets: Barn door
- LED type: High Power LED
- LED wattage, CCT, lumen output: 24W 3000K 2100lm
32W 3000K 2800lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 2.39Kg



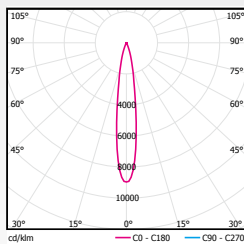
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL56S	LD24 LED 24W LD32 LED 32W	40633cd(32W @3000K 7°) 17252cd(32W @3000K 14°) 11894cd(32W @3000K 20°) 5763cd(32W @3000K 30°) 3583cd(32W @3000K 40°) 14875cd(32W @3000K 10°x30°)	E O D ON-OFF On-board 0-10V Dimming	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30° O 30°x10°	9 90	30 3000K 40 4000K	BK Black WT White PT Platinum

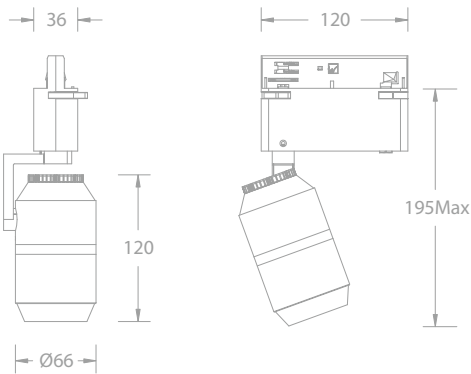
Example : TL56SLD32-O-S930BK

TL56SLD24-O-S930 0° Aiming Angle			
D(M)	LUX	W	L
1	30849	0.16	0.16
2	7712	0.33	0.33
3	3428	0.49	0.49
4	1928	0.66	0.66



TL56SLD24-O-1930 0° Aiming Angle			
D(M)	LUX	W	L
1	10051	0.27	0.27
2	2513	0.55	0.55
3	1117	0.82	0.82
4	628	1.10	1.10





PALOMA™ Focus

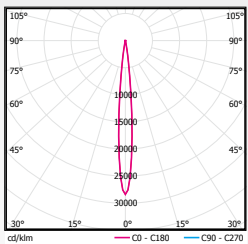
- Body material: Die-cast aluminum
- Optical system: Continuous adjustable beam angle
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- Accessories/Brackets: Glare shield available
- LED type: COB
- LED CCT, lumen output: 3000K 845lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.7Kg



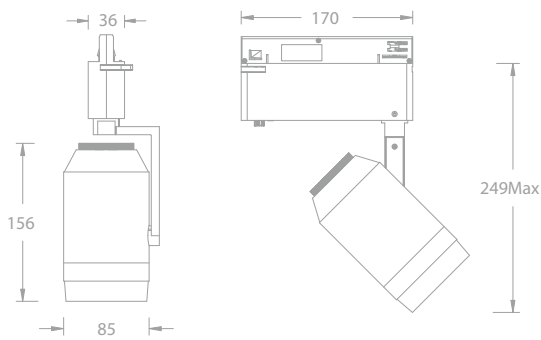
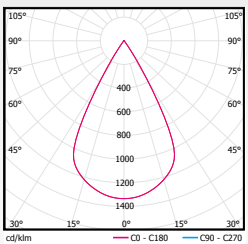
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL51F	LM11 COB LED 11W	6038cd (@3000K Max)	O On-board D 0-10V Dimming	F 9°-60°	9 A 90 97	30 3000K 40 4000K	BK Black WT White PT Platinum

Example : TL51FLM11-O-F930BK

TL51FLM11-O-F930 (Min)			
0° Aiming Angle			
D(M)	LUX	W	L
1	6038	0.17	0.17
2	1510	0.34	0.34
3	670	0.50	0.50
4	377	0.67	0.67



TL51FLM11-O-F930 (Max)			
0° Aiming Angle			
D(M)	LUX	W	L
1	685	1.08	1.08
2	171	2.16	2.16
3	76	3.24	3.24
4	43	4.32	4.32



PALOMA™ Focus

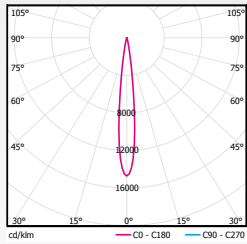
- Body material: Die-cast aluminum
- Optical system: Continuous adjustable beam angle
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- Accessories/Brackets: Glare shield available
- LED type: COB
- LED CCT, lumen output: 3000K 1908lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.3Kg



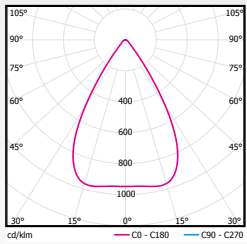
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL53F	LM23 COB LED 23W	9219cd (@3000K Max)	O On-board D 0-10V Dimming	F 12°-60°	9 A 90 97	30 3000K 40 4000K	BK Black WT White PT Platinum

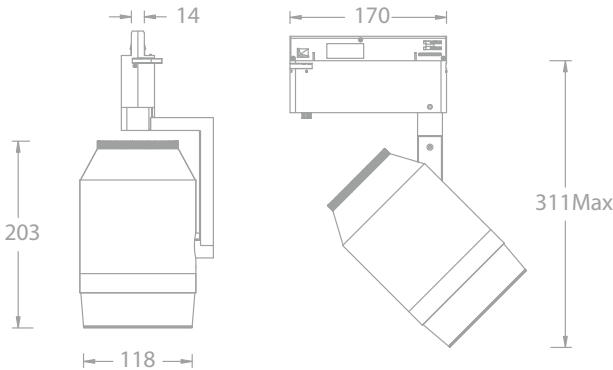
Example : TL53FLM23-O-F930BK

TL53FLM23-O-F930 (Min)			
0° Aiming Angle			
D(M)	LUX	W	L
1	9219	0.21	0.21
2	2305	0.42	0.42
3	1024	0.63	0.63
4	576	0.84	0.84



TL53FLM23-O-F930 (Max)			
0° Aiming Angle			
D(M)	LUX	W	L
1	1536	1.21	1.21
2	384	2.42	2.42
3	171	3.63	3.63
4	96	4.84	4.84





PALOMA™ Focus

- Body material: Die-cast aluminum
 - Optical system: Continuous adjustable beam angle
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
 - Accessories/Brackets: Glare shield available
- LED type: COB
 - LED CCT, lumen output: 3000K 2842lm
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 2.75Kg

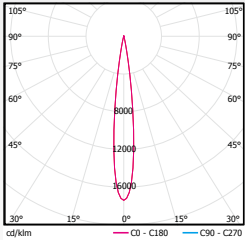


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL54F	LM32 COB LED 32W	14381cd (@3000K Max)	O D On-board 0-10V Dimming	F 12°-60°	9 A 90 97	30 40 3000K 4000K	BK WT PT Black White Platinum

Example : TL54FLM32-O-F930BK

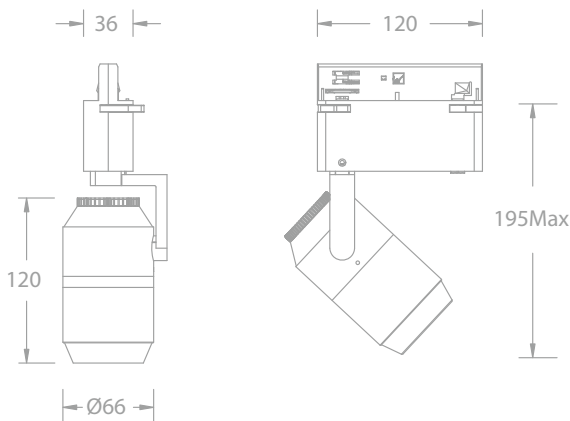
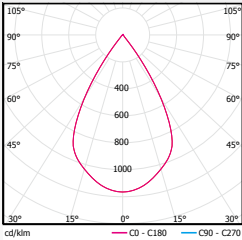
TL54FLM32-O-F930(Min)

0° Aiming Angle			
D(M)	LUX	W	L
1	14381	0.23	0.23
2	3595	0.46	0.46
3	1598	0.68	0.68
4	899	0.91	0.91



TL54FLM32-O-F930(Max)

0° Aiming Angle			
D(M)	LUX	W	L
1	2811	1.2	1.2
2	703	2.4	2.4
3	312	3.5	3.5
4	176	4.7	4.7



PALOMA™ CCT Tunable

- Body material: Die-cast aluminum
 - Optical system: Continuous adjustable beam angle
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
 - Accessories/Brackets: Glare shield available
- LED type: COB
 - LED CCT, lumen output: 2700K-5000K Tunable, 1000lm Max
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 0.7Kg

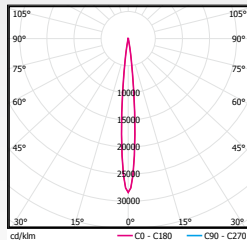


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL51F	LM11 COB LED 11W	6038cd (@3000K Max)	B Wireless	F 12°-50°	9 90	CC 2700K-5000K	BK WT Black White

Example : TL51FLM11-B-F9CCWT

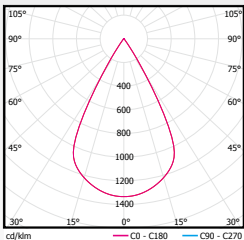
TL51FLM11-B-F9CC (Min)

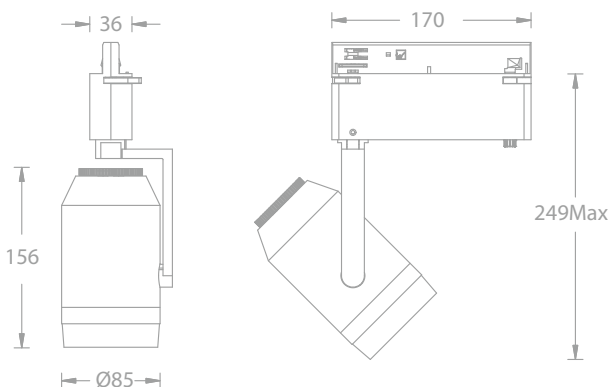
0° Aiming Angle			
D(M)	LUX	W	L
1	6038	0.17	0.17
2	1510	0.34	0.34
3	670	0.50	0.50
4	377	0.67	0.67



TL51FLM11-B-F9CC (Max)

0° Aiming Angle			
D(M)	LUX	W	L
1	685	1.08	1.08
2	171	2.16	2.16
3	76	3.24	3.24
4	43	4.32	4.32





PALOMA™ CCT Tunable

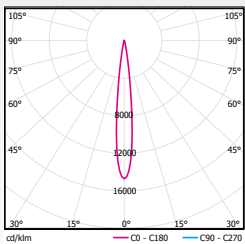
- Body material: Die-cast aluminum
- Optical system: Continuous adjustable beam angle
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- Accessories/Brackets: Glare shield available
- LED type: COB
- LED CCT, lumen output: 2700K-5000K Tunable, 2000lm Max
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.3Kg



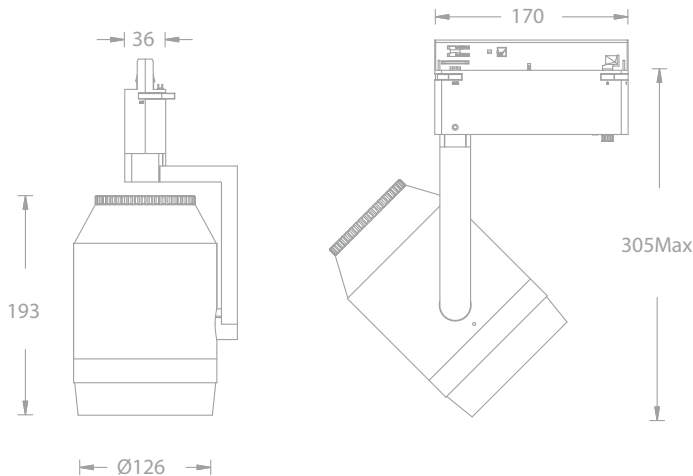
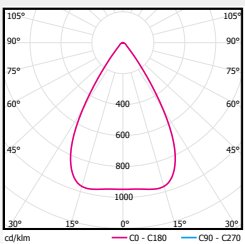
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL53F	LM23 COB LED 23W	9219cd (@3000K Max)	B Wireless	F 15°-50°	9 90	CC 2700K-5000K	BK WT Black White

Example : TL53FLM23-B-F9CCWT

TL53FLM23-B-F9CC			
0° Aiming Angle			
D(M)	LUX	W	L
1	9219	0.21	0.21
2	2305	0.42	0.42
3	1024	0.63	0.63
4	576	0.84	0.84



TL53FLM23-B-F9CC			
0° Aiming Angle			
D(M)	LUX	W	L
1	1536	1.21	1.21
2	384	2.42	2.42
3	171	3.63	3.63
4	96	4.84	4.84



PALOMA™ CCT Tunable

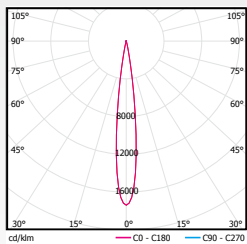
- Body material: Die-cast aluminum
- Optical system: Continuous adjustable beam angle
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- Accessories/Brackets: Glare shield available
- LED type: COB
- LED CCT, lumen output: 2700K-5000K Tunable, 3000lm Max
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 2.7Kg



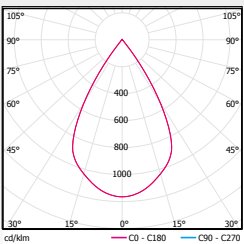
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL54F	LM32 COB LED 32W	9219cd (@3000K Max)	B Wireless	F 15°-50°	9 90	CC 2700K-5000K	BK WT Black White

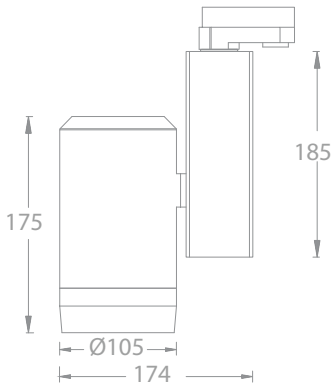
Example : TL54FLM32-B-F9CCWT

TL54FLM32-B-F9CC(Min)			
0° Aiming Angle			
D(M)	LUX	W	L
1	14381	0.23	0.23
2	3595	0.46	0.46
3	1598	0.68	0.68
4	899	0.91	0.91



TL54FLM32-B-F9CC(Max)			
0° Aiming Angle			
D(M)	LUX	W	L
1	2811	1.2	1.2
2	703	2.4	2.4
3	312	3.5	3.5
4	176	4.7	4.7





PALOMA™ Smart Adjustable

- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Remote controller (need to be ordered separately and control up to 10 lights at the same time)
- LED type: COB
- LED wattage, CCT, lumen output: 20W 3000K 2390lm
30W 3000K 3470lm
40W 3000K 4340lm
- LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 2.68Kg

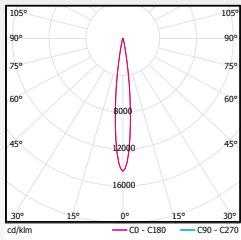


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL58S	LM20	COB 20W	B APP G Remote controller D Remote controller+0-10V M Remote controller DMX512	1 12°	9 90	27 2700K	BK Black WT White
	LM30	COB 30W		2 24°		30 3000K	
	LM40	COB 40W		3 36°		40 4000K	

Example :TL58SLM20-G-2930WT

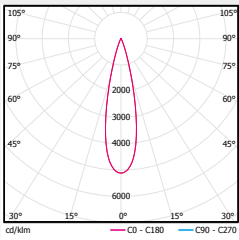
TL58SLM40-G-1930BK

0° Aiming Angle			
D(M)	LUX	W	L
1	51011	0.22	0.22
2	12753	0.44	0.44
3	5668	0.66	0.66
4	3188	0.88	0.88



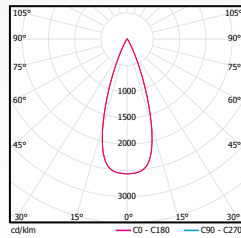
TL58SLM40-G-2930BK

0° Aiming Angle			
D(M)	LUX	W	L
1	19202	0.43	0.43
2	4801	0.86	0.86
3	2134	1.29	1.29
4	1200	1.72	1.72

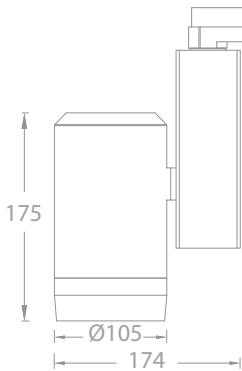


TL58SLM40-G-3930BK

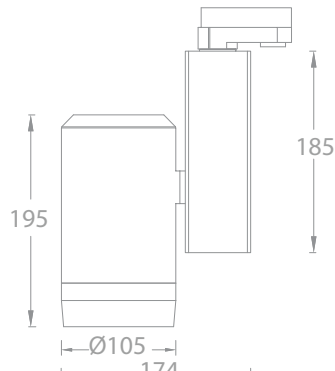
0° Aiming Angle			
D(M)	LUX	W	L
1	10058	0.66	0.66
2	2515	1.32	1.32
3	1118	1.98	1.98
4	629	2.64	2.64



TL58FLM20/TL58FLM30



TL58FLM40



PALOMA™ Smart Adjustable

- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Remote controller (need to be ordered separately and control up to 10 lights at the same time)
- LED type: COB
- LED wattage, CCT, lumen output: 20W 3000K 2390lm
30W 3000K 3470lm
40W 3000K 4340lm
- LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 2.68Kg

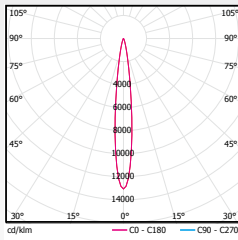


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL58F	LM20	COB 20W	B APP G Remote controller D Remote controller+0-10V M Remote controller DMX512	F 11°-55°	9 90	CC 2700K-5000K	BK Black WT White
	LM30	COB 30W					
	LM40	COB 40W					

Example : TL58FLM20-G-F9CCWT

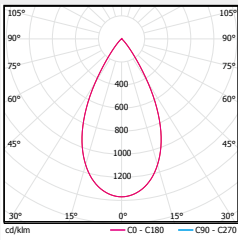
TL58FLM40-G-F9CCBK (2700K Min Beam)

0° Aiming Angle			
D(M)	LUX	W	L
1	7914	0.22	0.22
2	1979	0.44	0.44
3	879	0.66	0.66
4	495	0.88	0.88



TL58FLM40-G-F9CCBK (2700K Max Beam)

0° Aiming Angle			
D(M)	LUX	W	L
1	2628	1.0	1.0
2	657	2.0	2.0
3	292	3.0	3.0
4	164	4.0	4.0





PALOMA™ Wall Washer

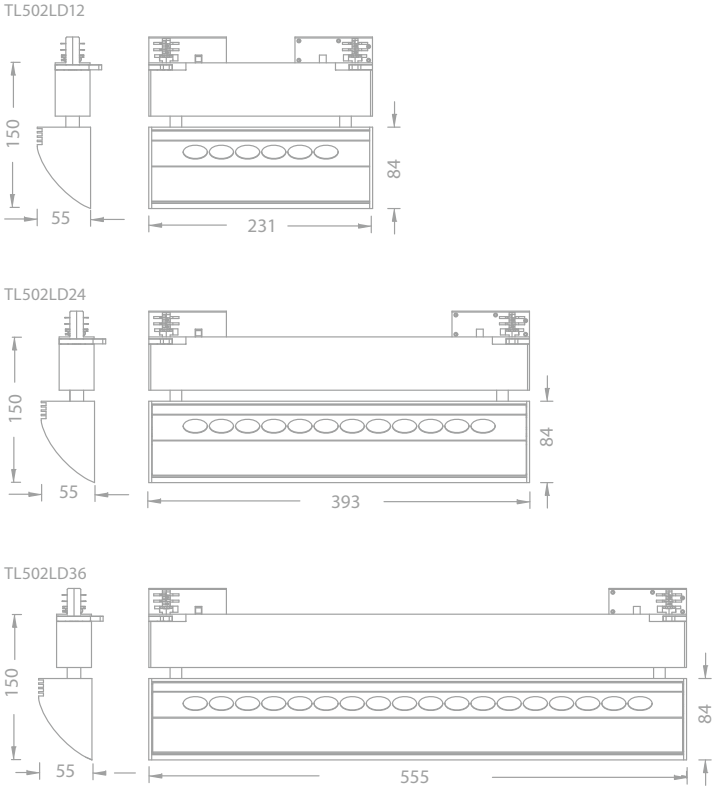
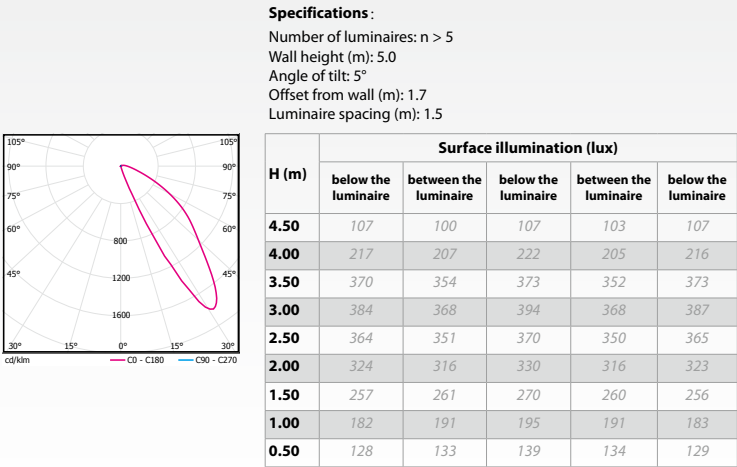
- Body material: Die-cast aluminum
- Optical system: Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable angle: Vertical 0°-30° tilt adjustment
- LED type: High Power LED
- LED wattage, CCT, lumen output: 12W 3000K 1050lm
24W 3000K 2100lm
36W 3000K 3100lm
- LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.4Kg/12W, 2.4Kg/24W, 3.4Kg/36W



Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL502	LD12	LED 12W	On-board 0-10V Dimming DALI	Wall Washer	90	3000K 4000K	Black White Platinum
	LD24	LED 24W					
	LD36	LED 36W					

Example : TL502LD12-O-W930BK

Simulated data TL502LD36-O-W930



PALOMA™ Wall Washer

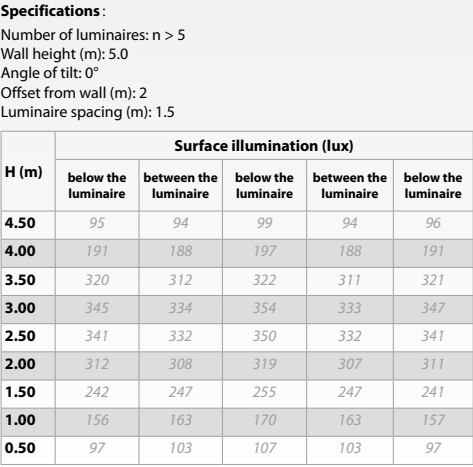
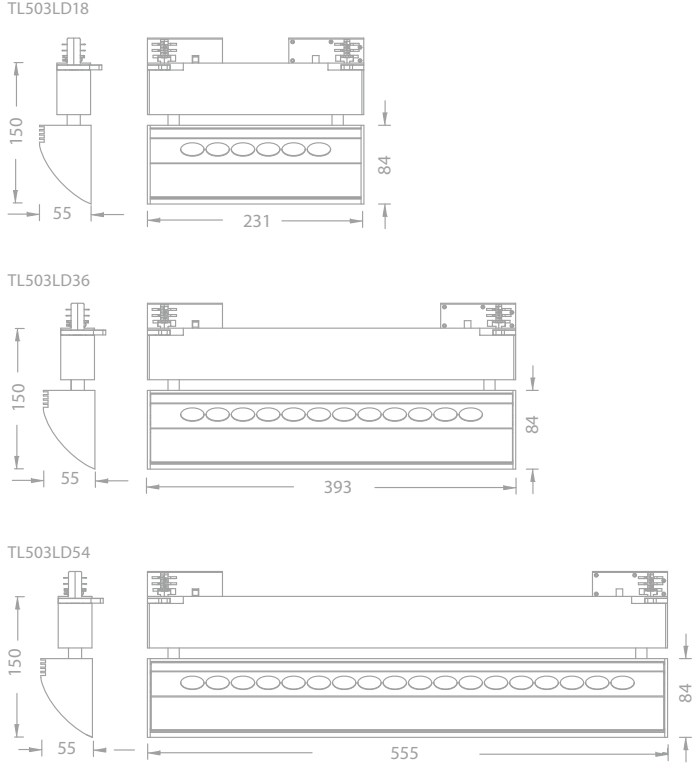
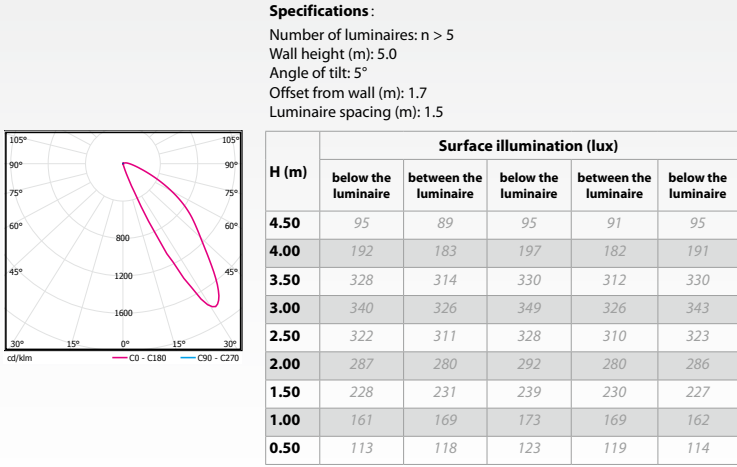
- Body material: Die-cast aluminum
- Optical system: Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable angle: Vertical 0°-30° tilt adjustment
- LED type: High Power LED
- LED wattage,CCT, lumen output: 18W 3000K 1470lm
36W 3000K 2940lm
54W 3000K 4410lm
- LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.4Kg/18W, 2.4Kg/36W, 3.4Kg/54W

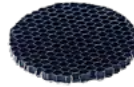


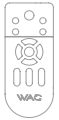
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL503	LD18	LED 18W	On-board 0-10V Dimming	Wall Washer	90	3000K 4000K	Black White Platinum
	LD36	LED 36W					
	LD54	LED 54W					

Example : TL503LD18-O-W930BK

Simulated data TL503LD36-O-W930

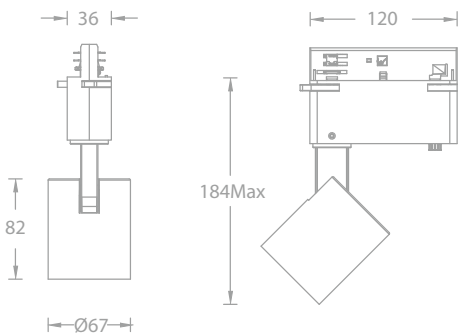


LENSES/FILTERS				
Model	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
				
TL58F / TL58S	LENS-25-BEL-SW	LENS-25-BSL	LENS-25-FR-SW	LENS-25-LCM-SW
	PC Lens, T=1.6mm	Ripple PC lens, T=1.6mm	PC Lens for square lighting effect, T=1.6mm	Wall Washing PC Lens , T=1.6mm
				
TL51F	LENS-16-MIX	LENS-16-WOF	LENS-16-SQU	LENS-16-WW
TL53F	LENS-73-MIX	LENS-73-WOF	LENS-73-SQU	LENS-73-WW

Model	Remote controller
	
TL58F / TL58S	PAD-TL58S-WT

OPTICAL ACCESSORIES				
Model	CROSS LOUVER	SNOOT	HONEYCOMB	BARN DOOR
				
TL51F	/	LENS-16-SNOOT	LENS-16-HCM	/
TL52C / TL52S / TL53F	/	LENS-73-SNOOT	LENS-73-HCM	TL-520-BD
TL54S / TL54F	/	LENS-111-SNOOT	/	TL-530-BD
TL55S	/	/	/	TL-23-BD-SW
TL58F / TL58S	LENS-25P-CRL-BK	LENS-25-SNOOT-SW	LENS-25-HCL	/

SWALLOW



SWALLOW Pro

- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
- LED wattage, CCT, lumen output: 6W 3000K 650lm
8W 3000K 720lm
12W 3000K 1250lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net Weight: 0.6Kg



Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL21H	Ø67x82	LM08 8W	520lm(@3000K)	O D On-board 0-10V Dimming	V 5°	9 90	30 3000K 40 4000K	BK Black WT White
		LM06 6W LM12 12W	813lm(12W @3000K 12°) 905lm(12W @3000K 24°) 968lm(12W @3000K 36°) 930lm(12W @3000K 55°)		1 12° 2 24° 3 36° 5 55°			

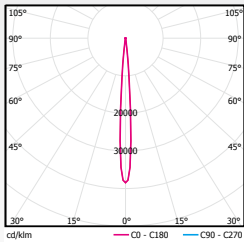
Example : TL21HLM08-O-V930WT

SWALLOW

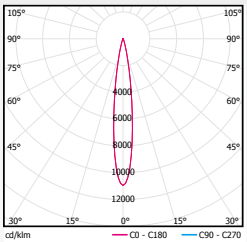
The SWALLOW series of LED spots operates with the three-circuit track and is ideal for museums, art galleries, hotels, retail, high-end residential and commercial spaces. This grouping provides professional styled functional and general lighting from die-cast aluminum profiles and built-in COB LEDs without any visual heat sinks. These LED luminaires offer various beam angles, high luminous flux and excellent color rendering.

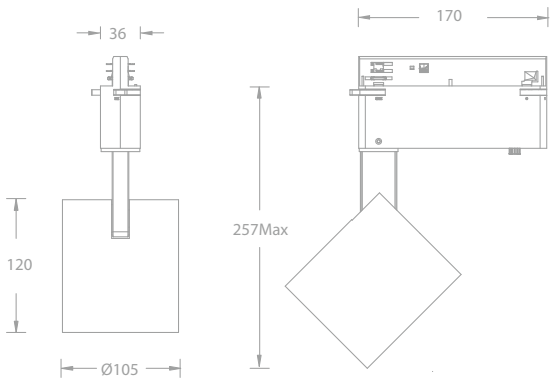
Shenzhen Contemporary Art and Urban Planning Museum
Shenzhen City

TL21HLM08-O-V930			
0° Aiming Angle			
D(M)	LUX	W	L
1	30686	0.10	0.10
2	7672	0.20	0.20
3	3410	0.29	0.29
4	1918	0.39	0.39



TL21HLM12-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	8896	0.25	0.25
2	2224	0.50	0.50
3	988	0.78	0.78
4	556	1.03	1.03





SWALLOW Pro

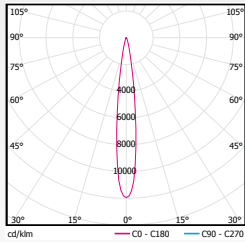
- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
- LED wattage, CCT, lumen output: 18W 3000K 1970lm
28W 3000K 2880lm
38W 3000K 3520lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net Weight: 1.3Kg



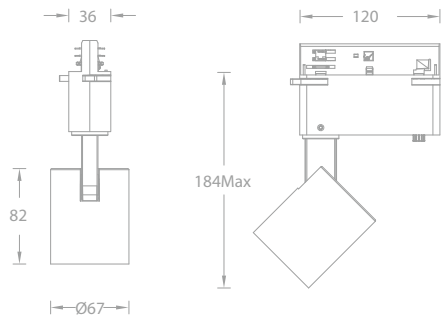
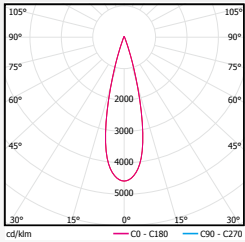
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL22H	Ø105x120	LM18 18W LM28 28W LM38 38W	1382lm(18W @3000K 12°)	O On-board D 0-10V Dimming	1 12° 2 24° 3 36° 5 50°	9 90	30 3000K 40 4000K	BK Black WT White
			1450lm(18W @3000K 24°)					
			1405lm(18W @3000K 36°)					
			1391lm(18W @3000K 50°)					
			2157m(28W @3000K 12°)					
			2261lm(28W @3000K 24°)					
			2184lm(28W @3000K 36°)					
			2190lm(28W @3000K 50°)					
			2846lm(38W @3000K 12°)					
			2985lm(38W @3000K 24°)					
			2907lm(38W @3000K 36°)					
			2883lm(38W @3000K 50°)					

Example : TL22HLM18-O-1930WT

TL22HLM18-O-1930				
0° Aiming Angle				
D(M)	LUX	W	L	
1	8896	0.25	0.25	
2	2224	0.50	0.50	
3	988	0.62	0.62	
4	556	0.87	0.87	



TL22HLM18-O-2930				
0° Aiming Angle				
D(M)	LUX	W	L	
1	13670	0.47	0.47	
2	3418	0.95	0.95	
3	1519	1.4	1.4	
4	855	1.87	1.87	



SWALLOW II

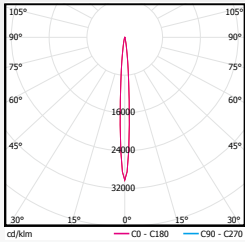
- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: High Power LED
- LED CCT, lumen output: 6W 3000K 525lm
9W 3000K 735lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.6Kg



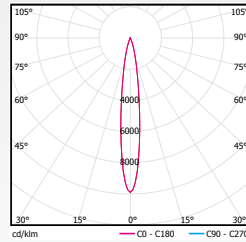
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL25S	Ø67x82	LD06	6W	O On-board D 0-10V Dimming	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°	9 90	30 3000K 40 4000K	BK Black WT White
		LD09	9W					
			14845cd(9W @3000K 7°) 4851cd(9W @3000K 14°) 3354cd(9W @3000K 20°) 1444cd(9W @3000K 30°) 908cd(9W @3000K 40°) 3572cd(9W @3000K 10°x30°)					

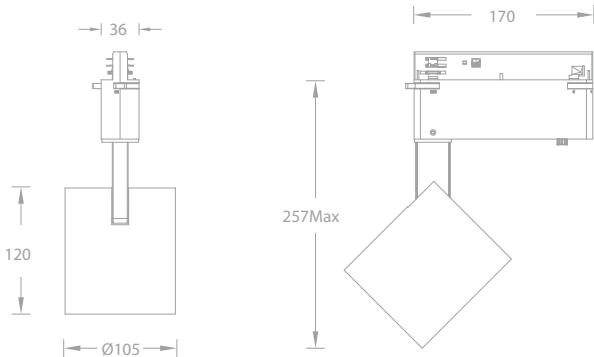
Example : TL25SLD06-O-1930WT

TL25SLD09-O-S930				
0° Aiming Angle				
D(M)	LUX	W	L	
1	14845	0.13	0.13	
2	3711	0.25	0.25	
3	1649	0.38	0.38	
4	928	0.51	0.51	



TL25SLD09-1930				
0° Aiming Angle				
D(M)	LUX	W	L	
1	4851	0.24	0.24	
2	1213	0.48	0.48	
3	539	0.73	0.73	
4	303	0.97	0.97	





SWALLOW II

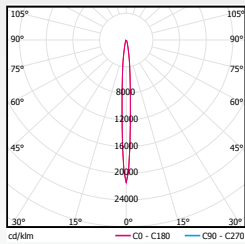
- Body material: Die-cast aluminum
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: High Power LED
 - LED wattage CCT, lumen output: 9W 3000K 735lm
12W 3000K 1050lm
18W 3000K 1470lm
24W 3000K 1960lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight:1.3Kg



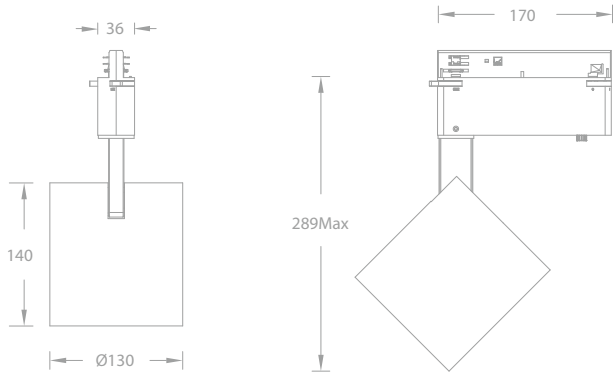
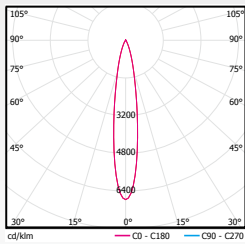
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL26S	Ø105x120	LD09 9W	26330cd(@3000K)	O On-board D 0-10V Dimming	V 5°	9 90	30 3000K 40 4000K	BK Black WT White
		LD12 12W LD18 18W LD24 24W	36110cd(24W @3000K 7°) 9286cd(24W @3000K 14°) 7430cd(24W @3000K 20°) 3315cd(24W @3000K 30°) 2369cd(24W @3000K 40°) 10664cd(24W @3000K 10°x30°)		S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°			

Example : TL26SLD12-O-1930WT

TL26SLD18-O-S930			
0° Aiming Angle			
D(M)	LUX	W	L
1	18043	0.12	0.12
2	4511	0.24	0.24
3	2005	0.36	0.36
4	1128	0.48	0.48



TL26SLD18-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	5876	0.3	0.3
2	1469	0.6	0.6
3	653	0.9	0.9
4	367	0.12	0.12



SWALLOW II

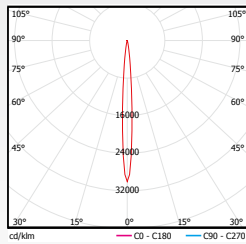
- Body material: Die-cast aluminum
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: High Power LED
 - LED wattage, CCT, lumen output: 15W 3000K 1225lm
30W 3000K 2625lm
36W 3000K 2940lm
45W 3000K 3675lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 2.3Kg



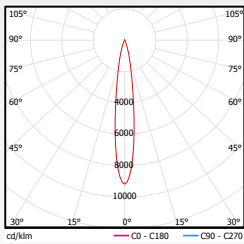
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL27S	Ø130x140	LD15 15W	43664cd(@3000K)	O On-board D 0-10V Dimming	V 5°	9 90	30 3000K 40 4000K	BK Black WT White
		LD30 30W LD36 36W LD45 45W	67514cd(45W @3000K 7°) 20795cd(45W @3000K 14°) 15317cd(45W @3000K 20°) 7453cd(45W @3000K 30°) 4636cd(45W @3000K 40°) 18045cd(45W @3000K 10°x30°)		S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°			

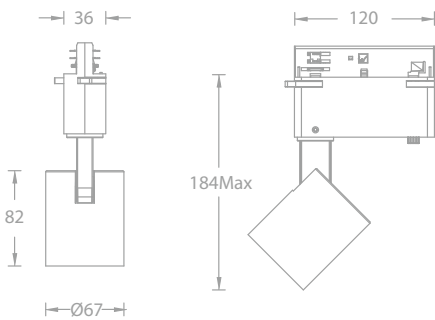
Example : TL27SLD30-O-1930WT

TL27SLD36-O-S930			
0° Aiming Angle			
D(M)	LUX	W	L
1	55169	0.13	0.13
2	13792	0.27	0.27
3	6130	0.4	0.4
4	3448	0.53	0.53



TL27SLD36-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	17344	0.26	0.26
2	4336	0.52	0.52
3	1927	0.78	0.78
4	1084	1.04	1.04





SWALLOW Wall Washer

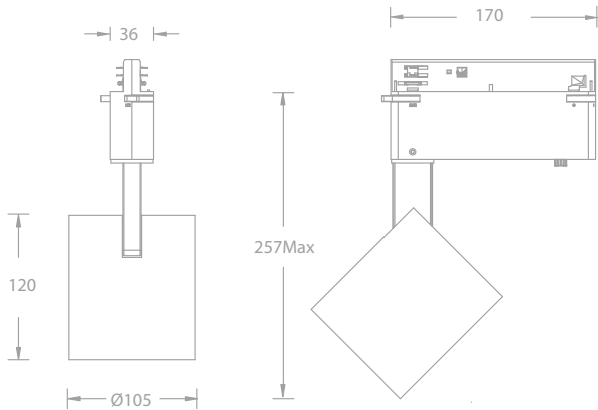
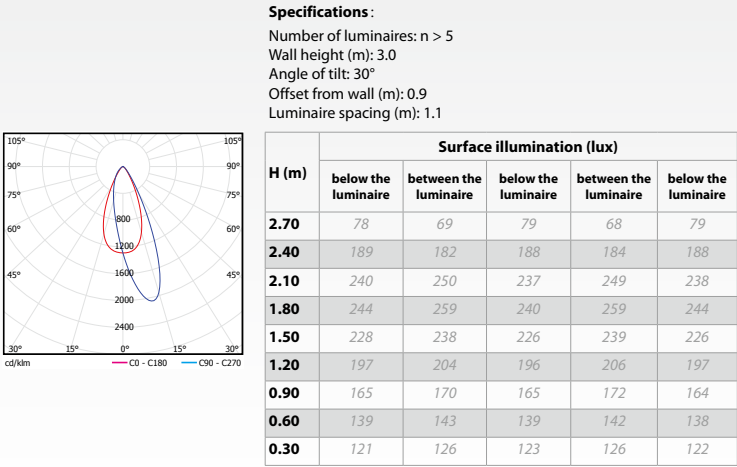
- Body material: Die-cast aluminum
 - Optical system: Dual optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available
- LED type: COB
 - LED wattage, CCT, lumen output: 6W 3000K 650lm
12W 3000K 1250lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 0.6Kg



Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL21W	Ø67x82	LM06 6W LM12 12W	400lm(6W @3000K) 768lm(12W @3000K)	O On-board D 0-10V Dimming	W Wall Washer	9 90	30 3000K 40 4000K	BK Black WT White

Example : TL21WLM06-O-W930WT

Simulated data TL21WLM12-O-W930



SWALLOW Wall Washer

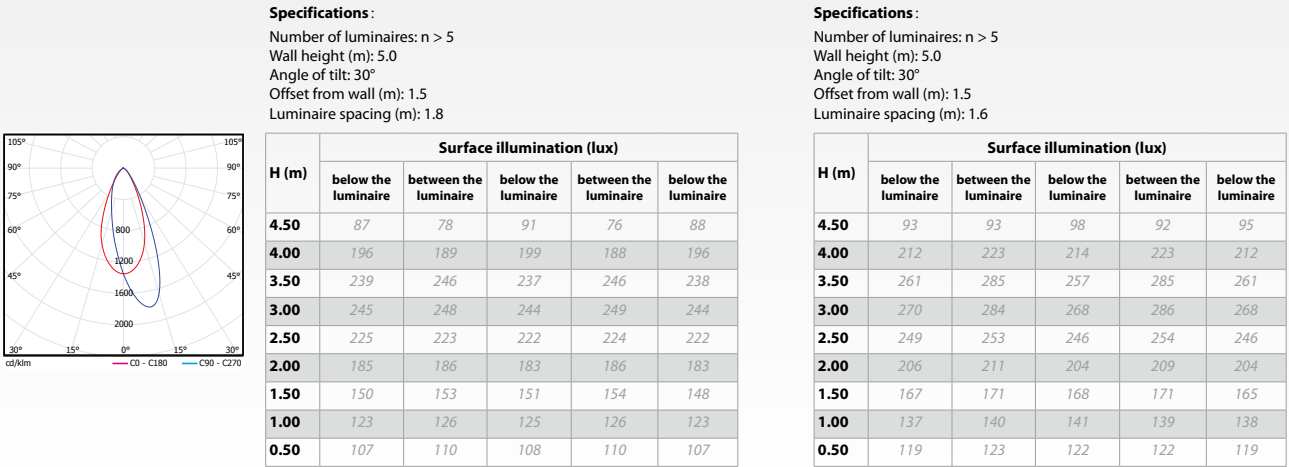
- Body material: Die-cast aluminum
 - Optical system: Dual optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available
- LED type: COB
 - LED wattage CCT, lumen output: 18W 3000K 1970lm
28W 3000K 2880lm
38W 3000K 3520lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.3Kg

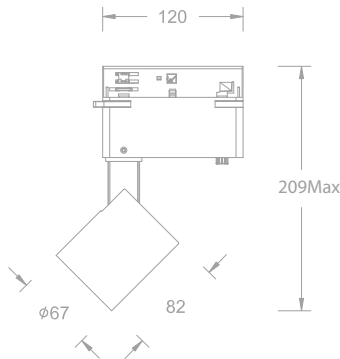


Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL22W	Ø105x120	LM18 18W LM28 28W LM38 38W	1292lm(@18W 3000K) 1997lm(@28W 3000K) 2640lm(@38W 3000K)	O On-board D 0-10V Dimming	W Wall Washer	9 90	30 3000K 40 4000K	BK Black WT White

Example : TL22WLM18-O-W930WT

Simulated data TL22WLM28-O-W930





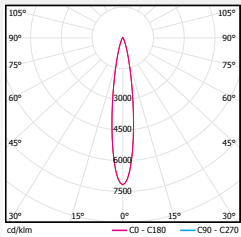
SWALLOW Tunable

- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: High Power LED
- LED color and output: Red 104lm; Green 146lm; Blue 51lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- Net weight: 0.6Kg

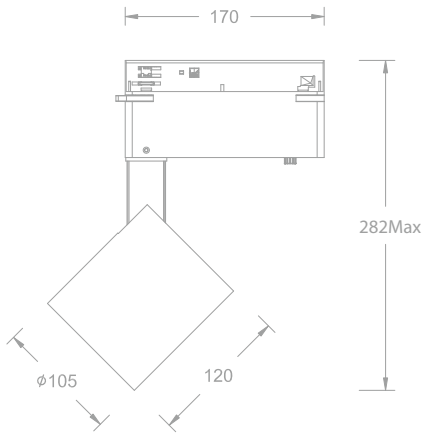
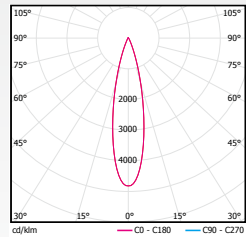
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CCT	Finish
TL25H	Ø67x82	LD06 6W	4326cd(6W 7°) 2322cd(6W 14°) 1592cd(6W 20°) 820cd(6W 30°) 531cd(6W 40°) 1381cd(6W 10°x30°)	M DMX512 Dimming 24V DC Power Supply	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°	FC R+G+B	BK Black WT White

Example : TL25HLD06-M-2FCBK

TL25HLD06-M-1FCBK				
0° Aiming Angle				
D(M)	LUX	W	L	
1	2051	0.15	0.15	
2	513	0.3	0.3	
3	228	0.45	0.45	
4	128	0.6	0.6	



TL25HLD06-M-2FCBK				
0° Aiming Angle				
D(M)	LUX	W	L	
1	1436	0.21	0.21	
2	359	0.42	0.42	
3	160	0.63	0.63	
4	90	0.84	0.84	



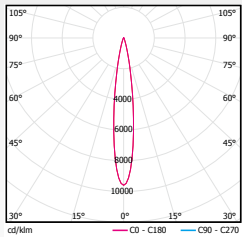
SWALLOW Tunable

- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: High Power LED
- LED color and output: Red 208lm; Green 292lm; Blue 102lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- Net weight: 1.3Kg

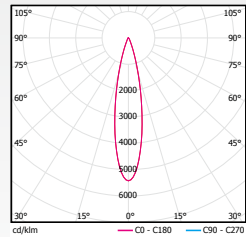
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CCT	Finish
TL26H	Ø105x120	LD12 12W	10703cd(12W 7°) 5844cd(12W 14°) 3173cd(12W 20°) 1625cd(12W 30°) 1051cd(12W 40°) 3481cd(12W 10°x30°)	M DMX512 Dimming 24 VDC Power Supply	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°	FC R+G+B	BK Black WT White

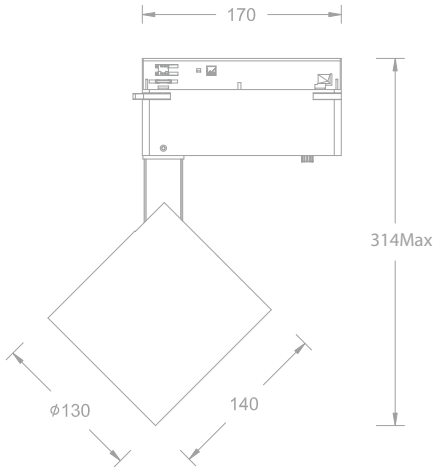
Example : TL26HLD12-M-2FCBK

TL26HLD18-M-1FCBK				
0° Aiming Angle				
D(M)	LUX	W	L	
1	5844	0.26	0.26	
2	1461	0.52	0.52	
3	649	0.78	0.78	
4	365	1.04	1.04	



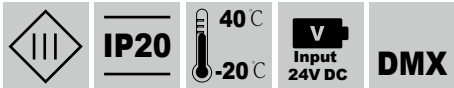
TL26HLD18-M-2FCBK				
0° Aiming Angle				
D(M)	LUX	W	L	
1	3155	0.38	0.38	
2	789	0.76	0.76	
3	351	1.14	1.14	
4	197	1.52	1.52	





SWALLOW Tunable

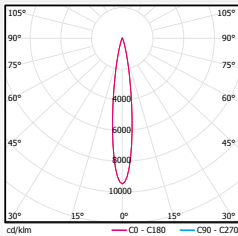
- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: High Power LED
- LED color and output: 18W: Red 312lm; Green 438lm; Blue 153lm
24W: Red 416lm; Green 584lm; Blue:204lm
30W: Red 520lm; Green 730lm; Blue:255lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- Net weight: 2.0Kg



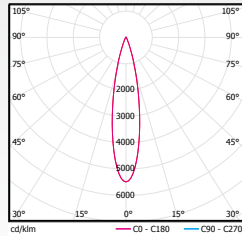
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CCT	Finish
TL27H	Ø130x140	LD18 18W LD24 24W LD30 30W	20393cd(18W 7°)	M DMX512 Dimming 24V DC Power Supply	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°	FC R+G+B	BK Black WT White
			8556cd(18W 14°)				
			4611cd(18W 20°)				
			2198cd(18W 30°)				
			1354cd(18W 40°)				
			5103cd(18W 10°x30°)				
			26623cd(24W 7°)				
			11668cd(24W 14°)				
			6380cd(24W 20°)				
			3076cd(24W 30°)				
			1916cd(24W 40°)				
			7438cd(24W 10°x30°)				
			24794cd(30W 7°)				
			12906cd(30W 14°)				
			6852cd(30W 20°)				
			3591cd(30W 30°)				
			2331cd(30W 40°)				
			7024cd(30W 10°x30°)				

Example : TL27HLD30-M-2FCBK

TL27HLD18-M-1FCBK			
0° Aiming Angle			
D(M)	LUX	W	L
1	8376	0.25	0.25
2	2094	0.5	0.5
3	931	0.75	0.75
4	524	0.1	0.1



TL27HLD18-M-2FCBK			
0° Aiming Angle			
D(M)	LUX	W	L
1	4534	0.36	0.36
2	1134	0.72	0.72
3	170	1.08	1.08
4	283	1.44	1.44



LENSES/FILTERS				
Model	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
TL25H / TL25S / TL25H	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
TL22H / TL26S / TL26H	LENS-25-BEL-SW	LENS-25-BSL	LENS-25-FR-SW	LENS-25-LCM-SW
TL27S / TL27S / TL27H	LENS-111-BEL-SW	LENS-111-BSL	LENS-111-FR	LENS-111-LCM-SW

OPTICAL ACCESSORIES				
Model	CROSS LOUVER (CLASS II)	SNOOT (CLASS II)	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)
TL21H / TL25S / TL25H	LENS-16-CRL	LENS-16-SNOOT	LENS-16-HCM	TL-21-BD-SW
TL22H / TL26S / TL26H	LENS-25P-CRL-BK	LENS-25-SNOOT-SW	LENS-25-HCL	TL-22-BD-SW
TL27S / TL27S / TL27H	LENS-111-CRL-C	LENS-111-SNOOT	LENS-111-HCL	TL-23-BD-SW

Note: 1. CLASS I is not suitable for TL21HLM08, please see Specifications for details
2. Up to 3pcs accessories, only one piece allowed for each CLASS

REFLEX

REFLEX

Crafted of die-cast aluminum, REFLEX delivers high lumens and full-range dimming while providing adjustable directional illumination. Suitable for indoor lighting in museums and high-end settings, REFLEX uses WAC’s three-circuit track systems.

Dengzhou Ancient Boat Museum
Penglai, Shandong Province



REFLEX

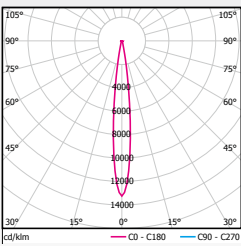
- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- LED type: High Power LED
- LED CCT, lumen output: 3000K 525lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.7Kg



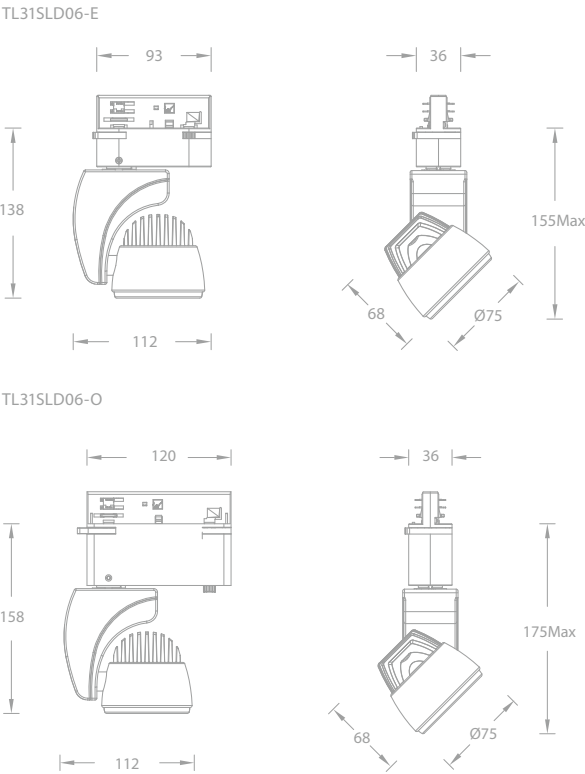
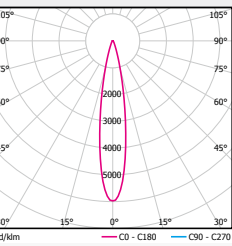
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL31S	LD06 LED 6W	11400cd(6W @3000K 7°) 3174cd(6W @3000K 14°) 2601cd(6W @3000K 20°) 1300cd(6W @3000K 30°) 806cd(6W @3000K 40°)	E ON-OFF O On-board	5 7° 1 14° 2 20° 3 30° 4 40°	9 90	30 3000K 40 4000K	BK Black WT White

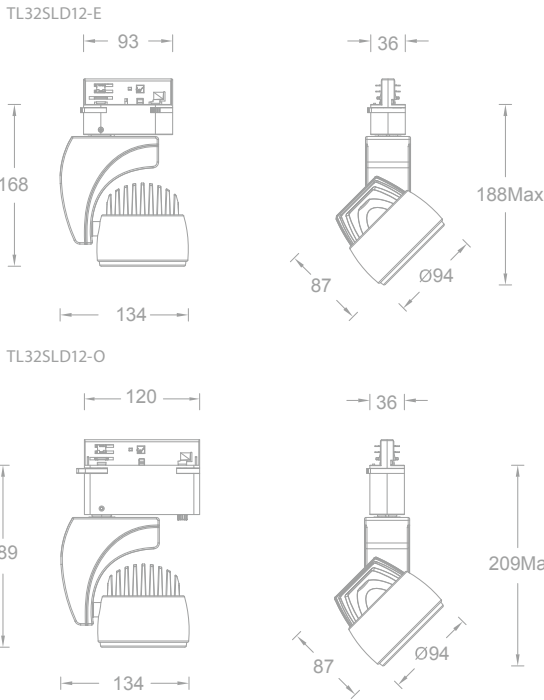
Example : TL31SLD06-O-1930BK

TL31SLD06-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	3174	0.2	0.2
2	1189	0.4	0.4
3	528	0.6	0.6
4	297	0.9	0.9



TL31SLD06-O-2930			
0° Aiming Angle			
D(M)	LUX	W	L
1	2601	0.3	0.3
2	536	0.6	0.6
3	238	1.0	1.0
4	134	1.3	1.3





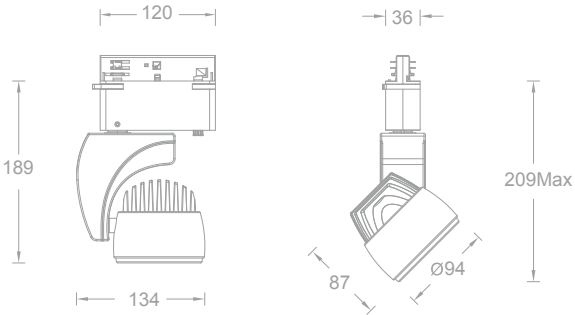
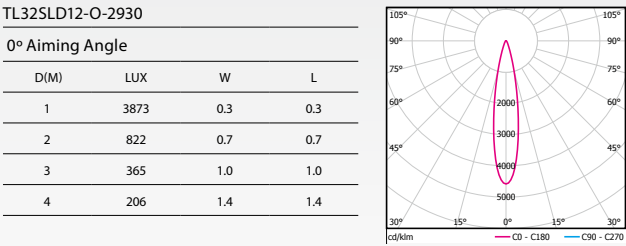
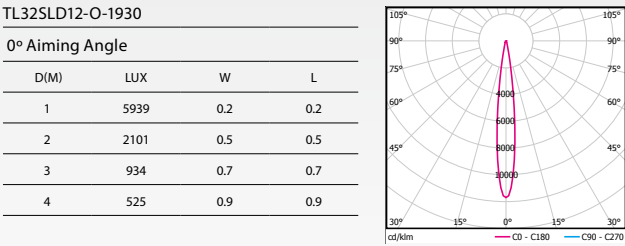
REFLEX

- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- LED type: High Power LED
- LED CCT, lumen output: 3000K 1050lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.0Kg



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL32S	LD12 LED 12W	18668cd(12W @3000K 7°) 5939cd(12W @3000K 14°) 3873cd(12W @3000K 20°) 2117cd(12W @3000K 30°) 1333cd(12W @3000K 40°)	E ON-OFF O On-board	5 7° 1 14° 2 20° 3 30° 4 40°	9 90	30 3000K 40 4000K	BK Black WT White

Example : TL32SLD12-O-1930BK



REFLEX

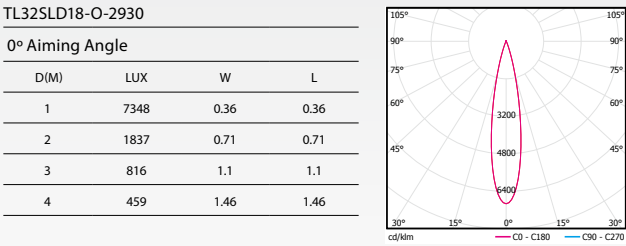
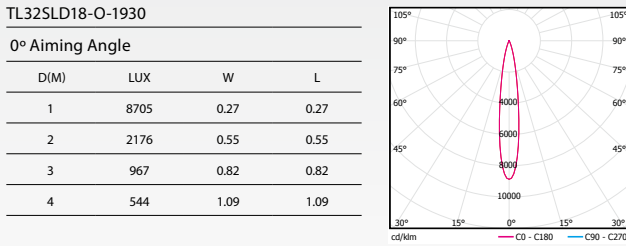
- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt

- LED type: High Power LED
- LED CCT, lumen output: 3000K 1470lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.1Kg



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL32S	LD18 LED 18W	26792cd(6W @3000K 7°) 8705cd(6W @3000K 14°) 7348cd(6W @3000K 20°) 3320cd(6W @3000K 30°) 2150cd(6W @3000K 40°)	O On-board	5 7° 1 14° 2 20° 3 30° 4 40°	9 90	30 3000K 40 4000K	BK Black WT White

Example : TL32SLD18-O-1930BK

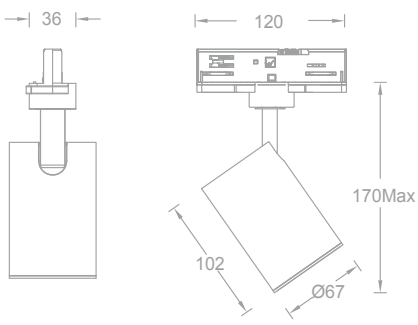




SILO

SILO adds dramatic flair to artwork and wall surfaces in residential, museum, hospitality and commercial environments. SILO offers a compact and minimalist solution to any customer’s track lighting needs. The Die Cast Aluminum construction provides the optimal amount of durability with a sleek profile and several finishes to choose from.

Xuzhou Museum
Xuzhou, Jiangsu Province



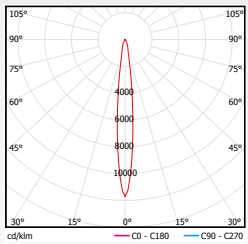
SILO

- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
- LED wattage, CCT, lumen output: 6W 3000K 670lm
12W 3000K 1200lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.5Kg

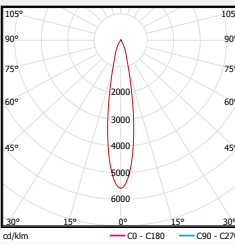
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL15S	Ø67x102	LM06	540lm (@6W 3000K 13°)	O On-board D 0-10V Dimming	1 13° 2 24° 3 35°	9 90	27 2700K	BK Black WT White
		LM12	542lm (@6W 3000K 24°) 528lm (@6W 3000K 35°) 863lm (@12W 3000K 13°) 857lm (@12W 3000K 24°) 835lm (@12W 3000K 35°)				30 3000K 40 4000K 50 5000K	

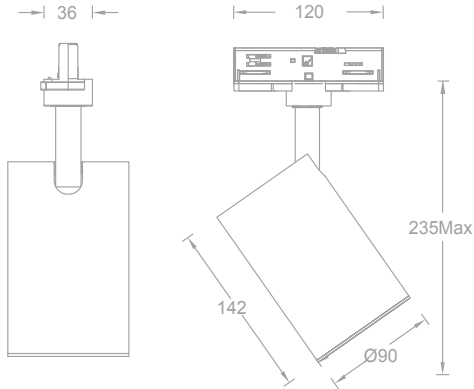
Example : TL15SLM06-O-1930WT

TL15SLM12-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	9428	0.2	0.2
2	2357	0.39	0.39
3	1048	0.59	0.59
4	589	0.79	0.79



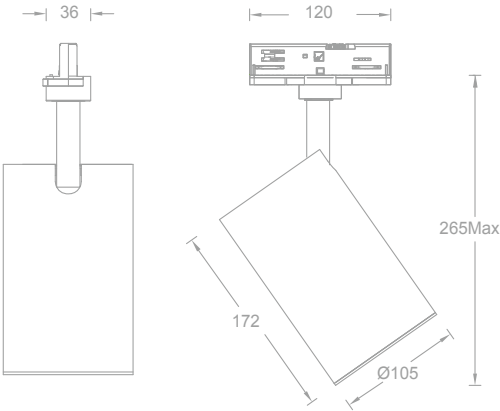
TL15SLM12-O-2930			
0° Aiming Angle			
D(M)	LUX	W	L
1	4444	0.35	0.35
2	1111	0.69	0.69
3	494	1.0	1.0
4	278	1.35	1.35





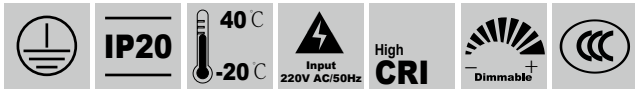
SILO

- Body material: Die-cast aluminum
 - Optical system: Lens + Reflector
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED wattage, CCT, lumen output: 18W 3000K 1700lm
26W 3000K 2500lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.0Kg



SILO

- Body material: Die-cast aluminum
 - Optical system: Lens + Reflector
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED CCT, lumen output: 3000K 3600lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.4Kg



Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL16S	Ø90x142	LM18 18W	1460lm (@18W 3000K 13°)	O On-board D 0-10V Dimming	1 13° 2 24° 3 35°	9 90	27 2700K	BK Black WT White
		LM26 26W	1467lm (@18W 3000K 24°) 1467lm (@18W 3000K 35°) 1924lm (@26W 3000K 13°) 1945lm (@26W 3000K 24°) 1941lm (@26W 3000K 35°)				30 3000K 40 4000K 50 5000K	

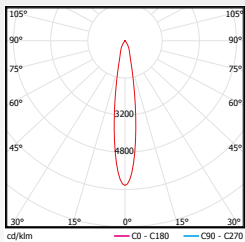
Example : TL16SLM18-O-1930WT



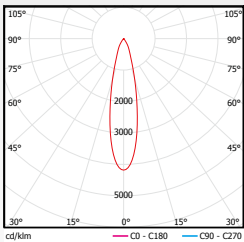
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL17S	Ø105x172	LM34 34W	2645lm (@34W 3000K 13°)	O On-board D 0-10V Dimming	1 13° 2 24° 3 35°	9 90	27 2700K	BK Black WT White
			2632lm (@34W 3000K 24°) 2585lm (@34W 3000K 35°)				30 3000K 40 4000K 50 5000K	

Example : TL17SLM34-O-1930WT

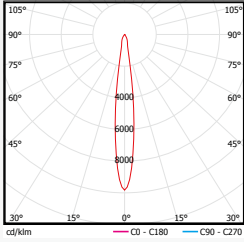
TL16SLM26-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	12470	0.3	0.3
2	3117	0.59	0.59
3	1386	0.89	0.89
4	779	1.19	1.19



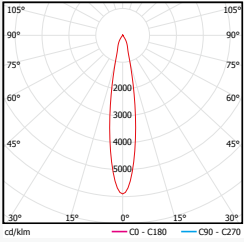
TL16SLM26-O-2930			
0° Aiming Angle			
D(M)	LUX	W	L
1	8131	0.41	0.41
2	2033	0.82	0.82
3	903	1.2	1.2
4	508	1.61	1.61

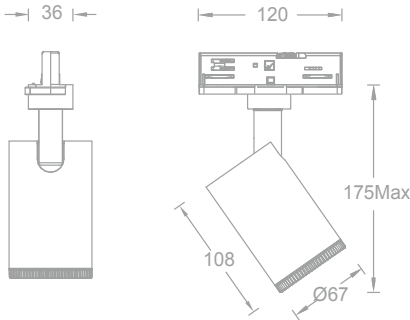


TL17SLM34-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	25993	0.23	0.23
2	6498	0.47	0.47
3	2888	0.7	0.7
4	1625	0.93	0.93



TL17SLM34-O-2930			
0° Aiming Angle			
D(M)	LUX	W	L
1	15526	0.32	0.32
2	3881	0.65	0.65
3	1725	0.97	0.97
4	970	1.29	1.29





SILO Focus

- Body material: Die-cast aluminum
 - Optical system: Continuous adjustable beam angle
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED wattage, CCT, lumen output: 6W 3000K 670lm
12W 3000K 1200lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 0.5Kg

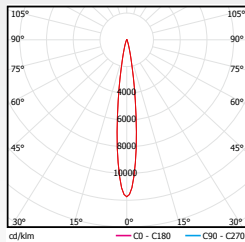


Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL15F	Ø67x108	LM06 6W LM12 12W	2395cd (@6W 3000K Max) 3187cd (@12W 3000K Max)	O On-board D 0-10V Dimming	F 12°-50°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

Example : TL15FLM06-O-F930WT

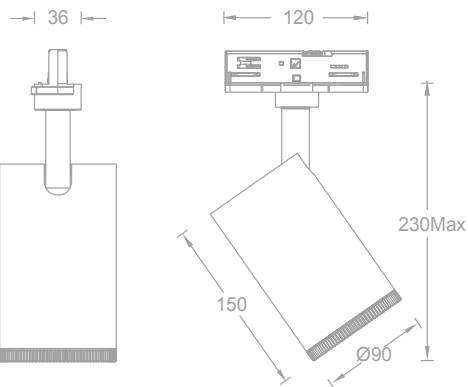
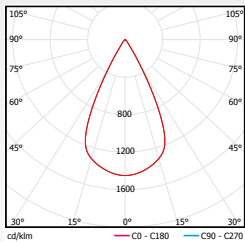
TL15FLM12-O-F930(Min)

0° Aiming Angle			
D(M)	LUX	W	L
1	3187	0.24	0.24
2	797	0.48	0.48
3	354	0.72	0.72
4	199	0.96	0.96



TL15FLM12-O-F930(Max)

0° Aiming Angle			
D(M)	LUX	W	L
1	616	1.0	1.0
2	154	2.0	2.0
3	68	3.0	3.0
4	39	4.0	4.0



SILO Focus

- Body material: Die-cast aluminum
 - Optical system: Continuous adjustable beam angle
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED wattage, CCT, lumen output: 18W 3000K 1700lm
26W 3000K 2500lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.0Kg

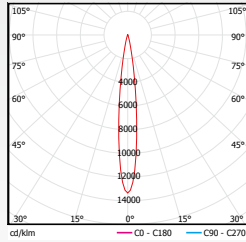


Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL16F	Ø90x150	LM18 18W LM26 26W	4670cd (@18W 3000K Max) 5859cd (@26W 3000K Max)	O On-board D 0-10V Dimming	F 12°-50°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

Example : TL16FLM18-O-F930WT

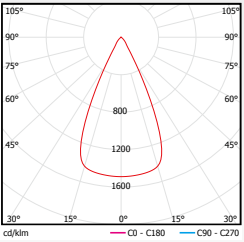
TL16FLM26-O-F930(Min)

0° Aiming Angle			
D(M)	LUX	W	L
1	5859	0.22	0.22
2	1465	0.45	0.45
3	651	0.67	0.67
4	366	0.89	0.89



TL16FLM26-O-F930(Max)

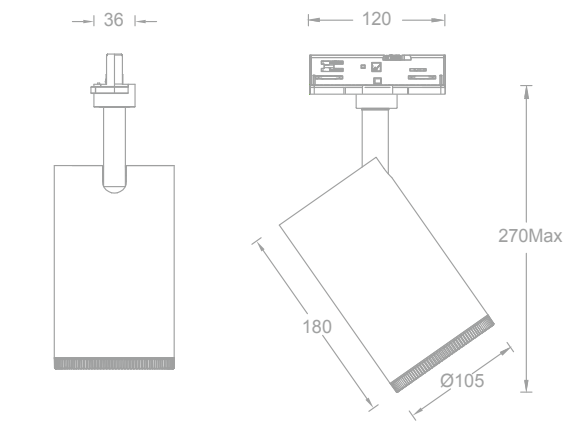
0° Aiming Angle			
D(M)	LUX	W	L
1	952	0.93	0.93
2	238	1.9	1.9
3	106	2.8	2.8
4	56	3.73	3.73





SILO Focus

- Body material: Die-cast aluminum
- Optical system: Continuous adjustable beam angle
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class



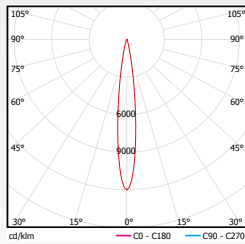
- LED type: COB
- LED CCT, lumen output: 3000K 3600lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.4Kg

Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL17F	Ø105x180	LM34 34W	6780cd (@34W 3000K Max)	O D On-board 0-10V Dimming	F 12°-50°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

Example : TL17FLM34-O-F930WT

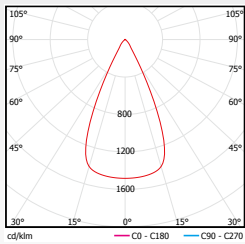
TL17FLM34-O-F930(Min)

D(M)	LUX	W	L
1	6780	0.23	0.23
2	1695	0.47	0.47
3	753	0.7	0.7
4	424	0.93	0.93



TL17FLM34-O-F930(Max)

D(M)	LUX	W	L
1	1205	0.93	0.93
2	301	1.9	1.9
3	193	2.8	2.8
4	75	3.73	3.73



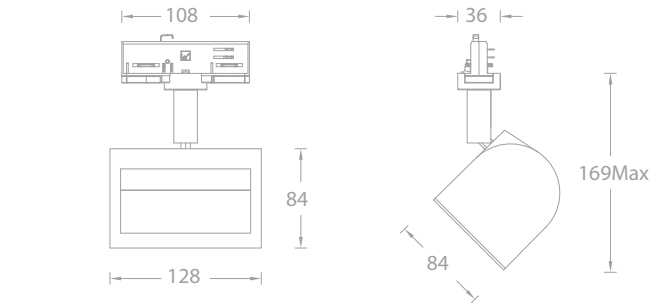
SILO Wall Washer

- Body material: Die-cast aluminum
- Optical system: Wall washer with reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Glare shield available
- LED type: SMD
- LED wattage,CCT,lumen output: 17W 3000K 1700lm
26W 3000K 2600lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.4Kg

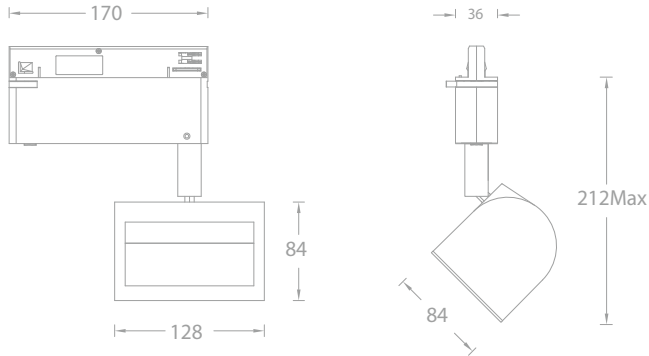
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL201	128x84	LD17 LED 17W LD26 LED 26W	1000lm(@17W 3000K) 1443lm(@26W 3000K)	E O D ON-OFF On-board 0-10V Dimming	W Wall Washer	9 90	30 3000K 40 4000K	BK Black WT White

Example : TL201LD17-E-W930WT

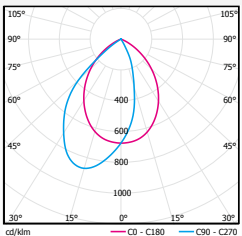
TL201LD17-E



TL201LD17-O/D



Simulated data TL201LD17-O-W930



Specifications :

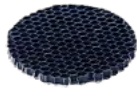
Number of luminaires: n > 5
Wall height (m): 4.0
Angle of tilt: 30°
Offset from wall (m): 1.5
Luminaire spacing (m): 1.8

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
3.60	27	25	28	25	28
3.20	60	59	61	59	60
2.80	80	85	79	85	80
2.40	88	96	87	96	89
2.00	89	96	87	96	88
1.60	85	90	84	91	84
1.20	78	81	77	82	77
0.80	71	73	71	73	70
0.40	65	67	64	67	64

Specifications :

Number of luminaires: n > 5
Wall height (m): 4.0
Angle of tilt: 30°
Offset from wall (m): 1.2
Luminaire spacing (m): 1.6

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
3.60	45	40	47	40	47
3.20	104	101	105	101	104
2.80	131	136	129	136	131
2.40	133	140	131	141	133
2.00	124	129	123	130	123
1.60	107	111	107	112	107
1.20	90	93	90	93	90
0.80	77	78	77	79	76
0.40	67	69	68	69	67

LENSES/FILTERS				
Model	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
				
TL15S	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
TL15F	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
TL16S	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C
TL16F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C
TL17S	LENS-25-BEL-SW	LENS-25-BSL	LENS-25-FR-SW	LENS-25-LCM-SW
TL17F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C

OPTICAL ACCESSORIES				
Model	SNOOT (CLASS II)	CROSS LOUVER (CLASS II)	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)
				
TL15S	LENS-16-SNOOT	LENS-16P-CRL-BK-C	LENS-16-HCM	TL-21-BD-SW
TL15F	LENS-15-SNOOT	/	/	TL-21-BD-SW
TL16S	LENS-73-SNOOT	LENS-73-CRL	LENS-73-HCM	LENS-73-BD
TL16F	LENS-20-SNOOT	/	LENS-20-HCL	LENS-73-BD
TL17S	LENS-25-SNOOT-SW	LENS-25P-CRL-BK	LENS-25-HCL	TL-22-BD-SW
TL17F	LENS-20-SNOOT	/	LENS-20-HCL	TL-22-BD-SW

Note: Up to 3pcs accessories, only one piece allowed per Class



The Memorial Hall of the Victims in Nanjing Massacre by Japanese Invaders
Nanjing, Jiangsu Province

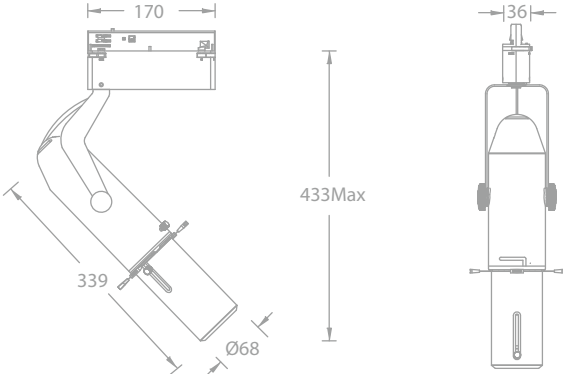
GOBO



GOBO

The GOBO series of LED Framing Projectors enables the fine adjustment of two optical lenses to highlight works of art or wall decor. In addition, the GOBO can be customized to project company logos and other images or control the shape of the projected light.

Sanxingdui Museum
Guanghan, Sichuan Province



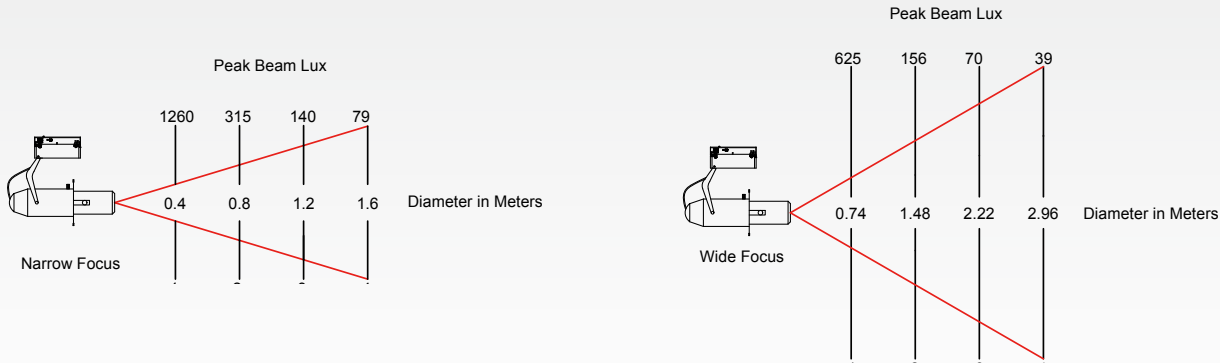
GOBO Framing Projector

- Body material: Die-cast aluminum
- Optical system: Dual optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: GOBO glass available
- LED type: COB
- LED CCT, lumen output: 3000K 1510lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.75Kg



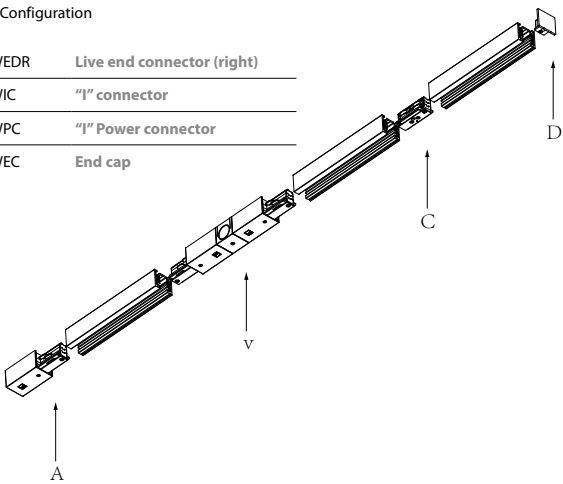
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CCT	CRI	Finish
WHT-LED009	Ø68x339	COB 21W	1426cd(@3000K Max)	On-board	GOBO	W C 3000K 4000K	9 90	BK WT Black White
WHT-LED009L		COB 30W	2384cd(@3000K Max)					

Example : WHT-LED009W9-BK-C



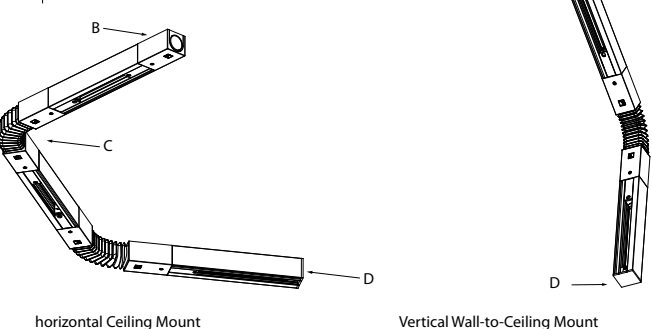
Straight Configuration

A	WEDR	Live end connector (right)
B	WIC	"I" connector
C	WPC	"I" Power connector
D	WEC	End cap



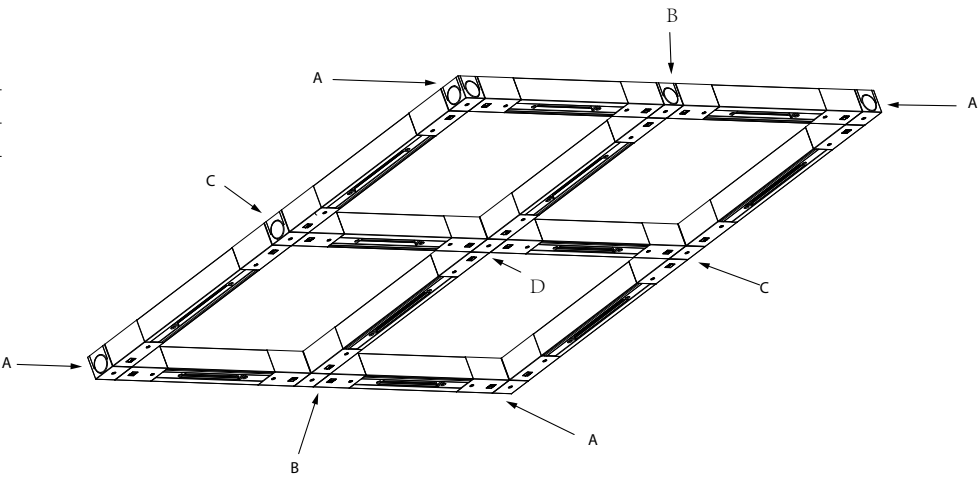
Flexible Configurations

A	WEDR	Live end connector (right)
B	WEDL	Live end connector (left)
C	WFC	Flexible connector
D	WEC	End cap



Grid Configuration

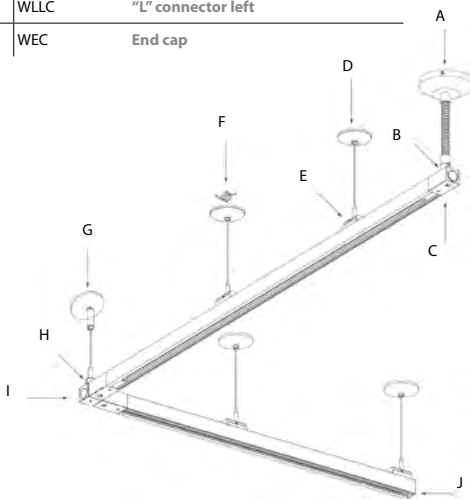
A	WLLC	"L" Connector Left
B	WLTC	"T" Connector Left
C	WRTC	"T" Connector Right
D	WXC	"X" Connector



Cable Suspension Mount

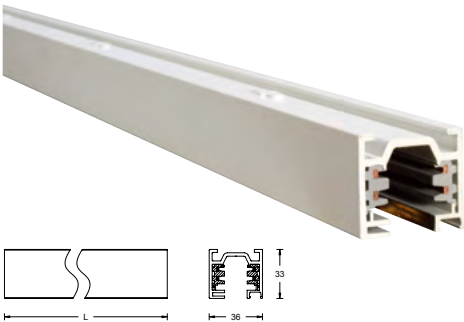
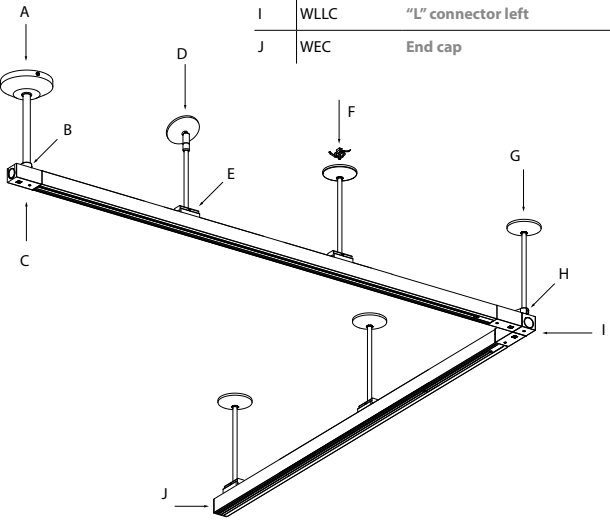
A	WMFP	Flexible Stem kit with power feed
B	WMED	Live end suspension mount
C	WEDL	Live end connector (left)
D	WMST-X	Cable suspension kit
E	WMT	Suspension hanger clip
F	WMST-TB	"T" bar cable suspension kit
G	WMST-XS	Sloped ceiling cable kit
H	WMLC	"L" connector suspension mount
I	WLLC	"L" connector left
J	WEC	End cap

Use one support for every 1 meter



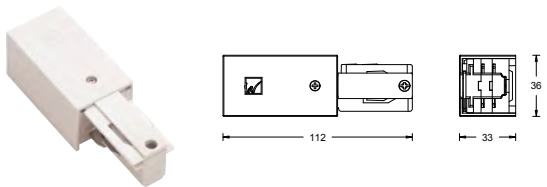
Stem Suspension Mount

A	WMSP	Stem kit with power feed
B	WMED	Live end suspension mount
C	WEDR	Live end connector (right)
D	WMT-XS	Sloped ceiling stem kit
E	WMT	Suspension hanger clip
F	WMT-TB	"T" bar stem kit
G	WMT-X	Stem kit
H	WMLC	"L" connector suspension mount
I	WLLC	"L" connector left
J	WEC	End cap



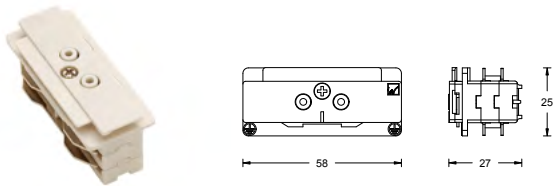
WT					
Model	Finish			Weight	Length (mm)
	BK	PT	WT		
WT1M	•	•	•	1.10kg	1000mm
WT2M	•	•	•	2.20kg	2000mm
WT3M	•	•	•	3.30kg	3000mm

Example :WT1M-WT-C
Surface mount track with extruded aluminum construction. The track offers three separately controlled circuits. Each circuit is rated 16A maximum which is fully polarized and grounded throughout.



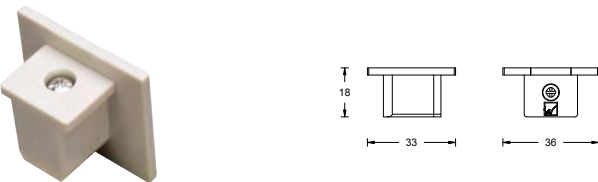
WEDL				
Model	Finish			Weight
	BK	PT	WT	
WEDL	•	•	•	0.09kg

Example :WEDL-WT-C
Live end connector left.To start a run.



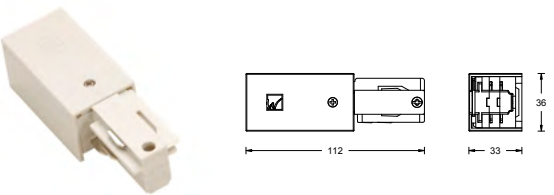
WPC			
Model	Finish		
	BK	PT	WT
WPC	•	•	•

Example :WPC-WT-C
"I" power connector: Straight line connector used to join two sections of track with electrical continuity.



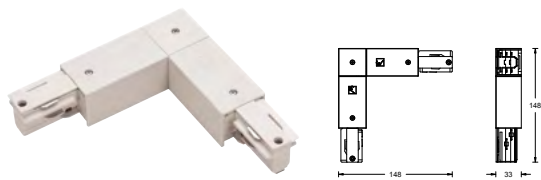
WEC			
Model	Finish		
	BK	PT	WT
WEC	•	•	•

Example :WEC-WT-C
End cap: To cover the end of a track run.



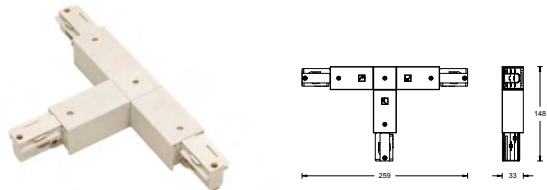
WEDR			
Model	Finish		
	BK	PT	WT
WEDR	•	•	•

Example :WEDR-WT-C
Live end connector right.To start a run.



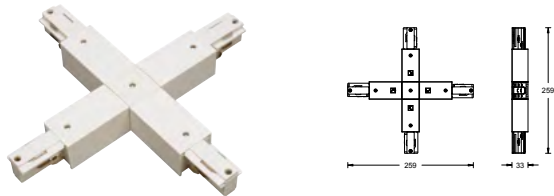
WLLC				
Model	Finish			Weight
	BK	PT	WT	
WLLC	•	•	•	0.24kg

Example :WLLC-WT-C
"L" connector left: To connect two track sections at 90° for a left turn. Power feedable.



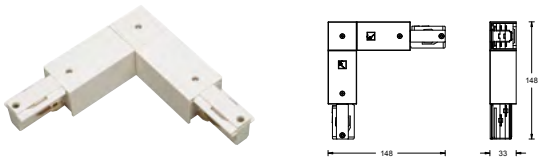
WLTC				
Model	Finish			Weight
	BK	PT	WT	
WLTC	•	•	•	0.35kg

Example :WLTC-WT-C
"T" connector left: To join three track sections all at 90°. Power feedable.



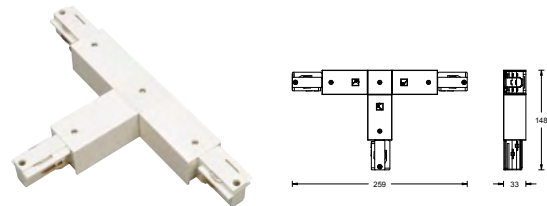
WXC				
Model	Finish			Weight
	BK	PT	WT	
WXC	•	•	•	0.45kg

Example :WXC-WT-C
"X" connector. To connect four track sections into a cross configuration. Power feedable.



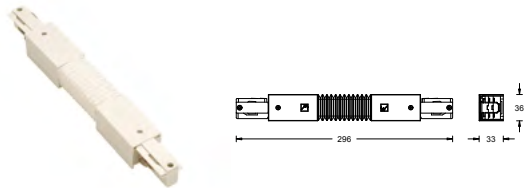
WRLC				
Model	Finish			Weight
	BK	PT	WT	
WRLC	•	•	•	0.24kg

Example :WRLC-WT-C
"L" connector right. To connect two track sections at 90° angle for a right turn.Power feedable.



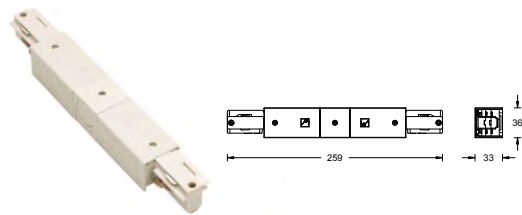
WRTC				
Model	Finish			Weight
	BK	PT	WT	
WRTC	•	•	•	0.35kg

Example :WRTC-WT-C
"T" connector right. To join three track sections all at 90°. Power feedable.



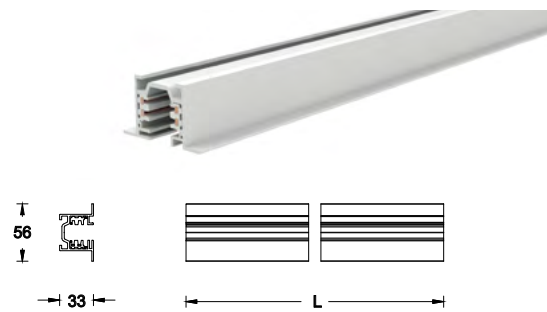
WFC				
Model	Finish			Weight
	BK	PT	WT	
WFC	•	•	•	0.24kg

Example :WFC-WT-C
Flexible connector.Connects two track sections at variable angles from 60° to 180°. Used as a transition from wall-to-wall, wall-to-ceiling,or ceiling-to-ceiling.Power feedable.



WIC				
Model	Finish			Weight
	BK	PT	WT	
WIC	•	•	•	0.24kg

Example :WIC-WT-C
"I" connector.Power entry point at the connection of two tracks. To connect two track sections end-to-end to keep a straight line.Power feedable.



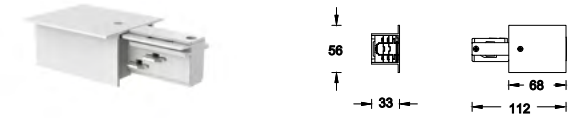
WT-RT						
Model	Finish			Cutout	Weight	Length (mm)
	BK	PT	WT			
WT1M-RT-2	•	•	•	50mm	1.53kg	1000mm
WT2M-RT-2	•	•	•	50mm	3.06kg	2000mm
WT3M-RT-2	•	•	•	50mm	4.59kg	3000mm

Example :WT1M-RT-2-WT
Recessed flanged track: Extruded aluminum construction. Track offers three separately controlled circuits. Each circuit is rated 16A maximum and fully polarized and grounded throughout.



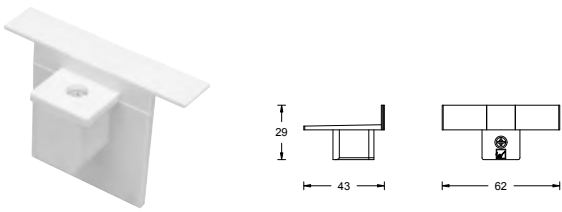
WXC-RT			
Model	Finish		
	BK	PT	WT
WXC-RT-2	•	•	•

Example :WXC-RT-2-WT
Flanged (X)connector. To connect four track sections into a cross configuration.Power feedable.



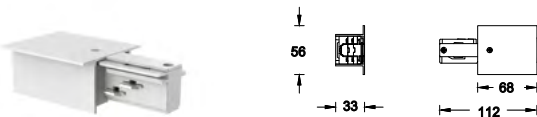
WEDR-RT			
Model	Finish		
	BK	PT	WT
WEDR-RT-2	•	•	•

Example :WEDR-RT-2-WT
Flanged live end connector right. To start a run.



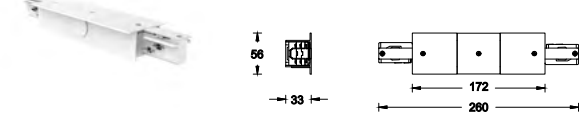
WEC-RT			
Model	Finish		
	BK	PT	WT
WEC-RT-2	•	•	•

Example :WEC-RT-2-WT
Flanged end cap. To cover the end of a track run.



WEDL-RT			
Model	Finish		
	BK	PT	WT
WEDL-RT-2	•	•	•

Example :WEDL-RT-2-WT
Flanged live end connector left. To start a run.



WIC-RT			
Model	Finish		
	BK	PT	WT
WIC-RT-2	•	•	•

Example :WIC-RT-2-WT
Flanged "I" connector.Power entry point at the connection of two tracks. To connect two track sections end-to-end to keep a straight line. Power feedable.



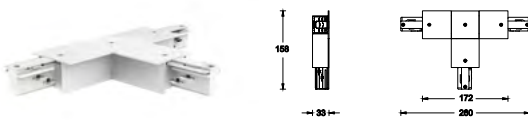
WLLC-RT			
Model	Finish		
	BK	PT	WT
WLLC-RT-2	•	•	•

Example :WLLC-RT-2-WT
Flanged "L" connector left: To connect two track sections at 90° for a left turn. Power feedable.



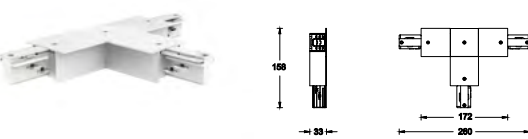
WRLC-RT			
Model	Finish		
	BK	PT	WT
WRLC-RT-2	•	•	•

Example :WRLC-RT-2-WT
Flanged "L" connector right. To connect two track sections at 90° angle for a right turn. Power feedable.



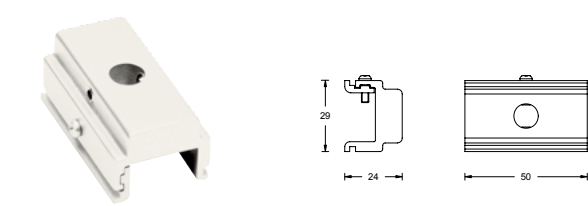
WLTC-RT			
Model	Finish		
	BK	PT	WT
WLTC-RT-2	•	•	•

Example :WLTC-RT-2-WT
Flanged "T" connector left. To join three track sections all at 90°. Power feedable.



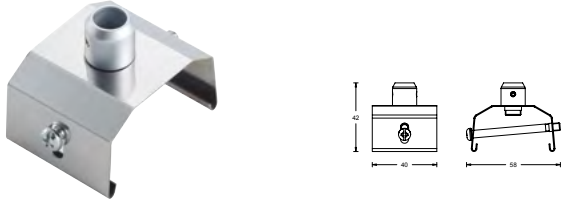
WRTC-RT			
Model	Finish		
	BK	PT	WT
WRTC-RT-2	•	•	•

Example :WRTC-RT-2-WT
Flanged "T" connector right. To join three track sections all at 90°. Power feedable.



WMT				
Model	Finish			Weight
	BK	PT	WT	
WMT	•	•	•	0.05kg

Example : WMT-WT-C
Connects suspension to track without power feed. Use with: WMT-X, WMT-XS, WMT-TB, WMST-X, WMST-XS and WMST-TB.



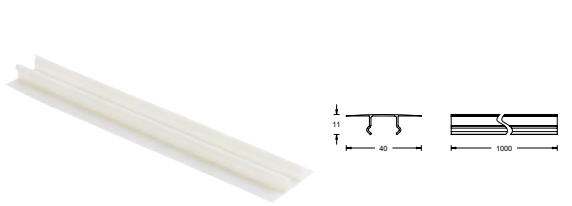
WMT-RT			
Model	Finish		
	PT		
WMT-RT	•	•	•

Example :WMT-RT-PT-C
Connects suspension to recessed track without power feed. Use with: WMT-X, WMT-XS, WMT-TB, WMST-X, WMST-XS and WMST-TB.



WMXC				
Model	Finish			Weight
	BK	PT	WT	
WMXC	•	•	•	0.15kg

Example : WMXC-WT-C
"X" connector suspension: Use for suspension mounting with "X" connector.



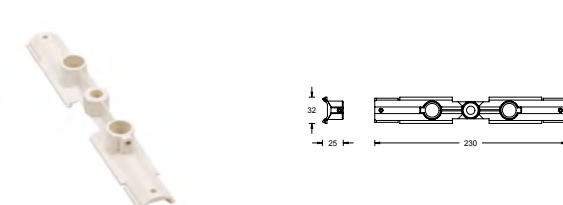
WCC-RTL	
Model	Weight
WCC-RTL-CL	0.05kg

3-circuit recessed track closure cover.



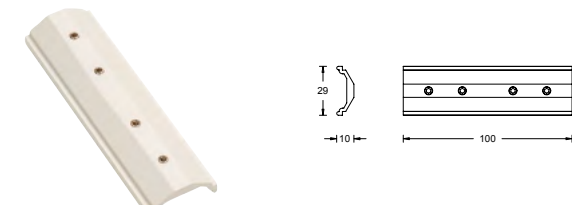
WMXI				
Model	Finish			Weight
	BK	PT	WT	
WMXI	•	•	•	0.02kg

Example : WMXI-WT-C
Use for joining two lengths of rod to form a longer drop.



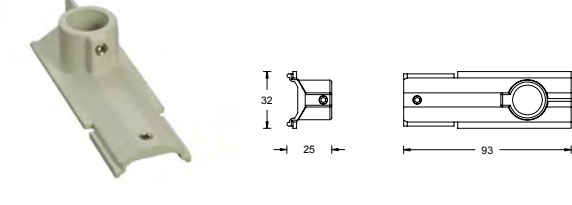
WMIC			
Model	Finish		
	BK	PT	WT
WMIC	•	•	•

Example : WMIC-WT-C
"I" connector suspension: Use for suspension mounting with I connector.



WMPC				
Model	Finish			Weight
	BK	PT	WT	
WMPC	•	•	•	0.03kg

Example : WMPC-WT-C
Straight coupler: Used for suspension mounting with "I" power connector.



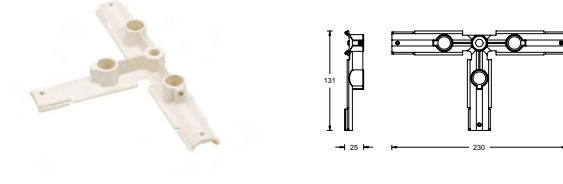
WMED			
Model	Finish		
	BK	PT	WT
WMED	•	•	•

Example : WMED-WT-C
Live end suspension: Use for suspension mounting with live end connector.



WMLC				
Model	Finish			Weight
	BK	PT	WT	
WMLC	•	•	•	0.09kg

Example : WMLC-WT-C
"L" connector suspension: Use for suspension mounting with L connector.



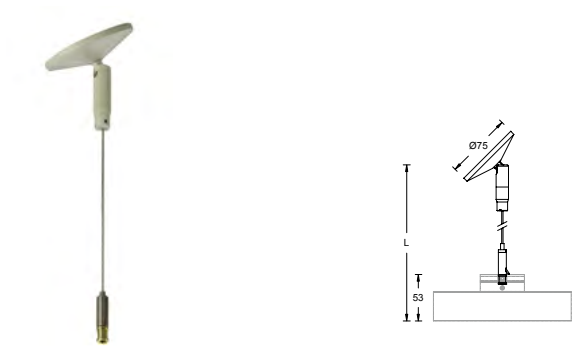
WMT-C			
Model	Finish		
	BK	PT	WT
WMT-C	•	•	•

Example :WMT-C-WT-C
"T" connector suspension: Use for suspension mounting with T connector.



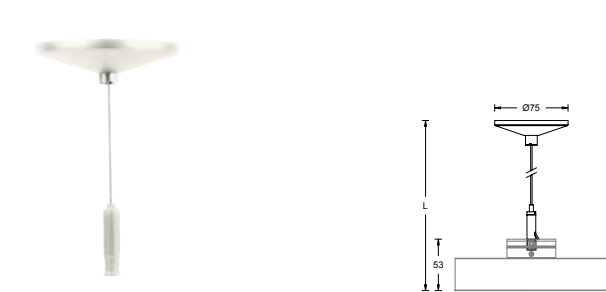
WMST-X				
Model	Finish			Length (mm)
	BK	PT	WT	
WMST-X48	•	•	•	1286mm
WMST-X96	•	•	•	2466mm

Example : WMST-X48-WT-C
Suspension cable kit: Use to extend track from the ceiling. Field adjustable.



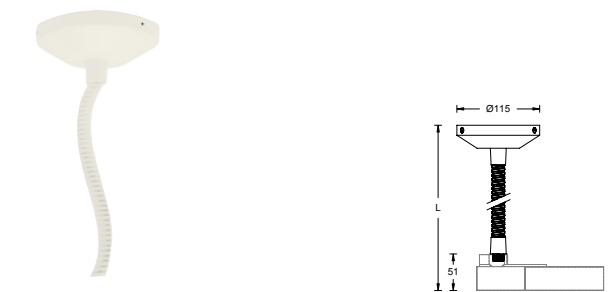
WMST-XS			
Model	Finish		
	BK	PT	WT
WMST-XS48	•	•	•
WMST-XS96	•	•	•

Example :WMST-XS48-WT-C
Sloped ceiling cable: Use to extend track from a sloped ceiling. Field adjustable.



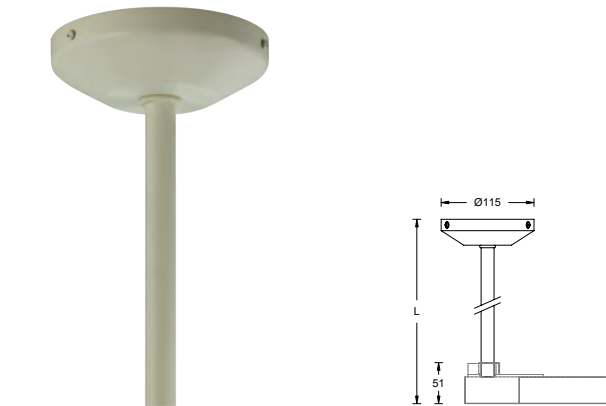
WMST-TB					
Model	Finish			Weight	Length (mm)
	BK	PT	WT		
WMST-TB48	•	•	•	0.07kg	1286mm
WMST-TB96	•	•	•	0.08kg	2466mm

Example :WMST-TB48-WT-C
Includes T-Bar clip to extend track from drop ceilings. Field adjustable.



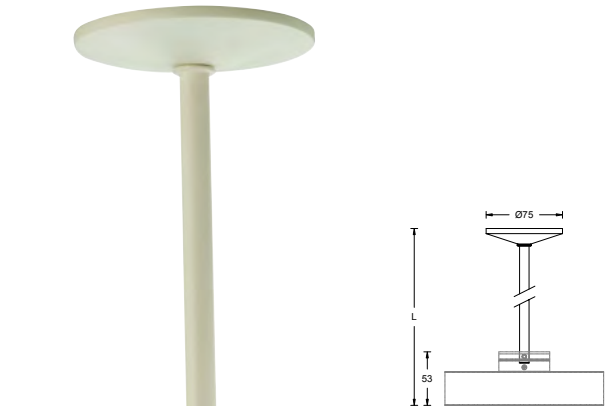
WMFP					
Model	Finish			Weight	Length (mm)
	BK	PT	WT		
WMFP-48	•	•	•	0.80kg	1213mm
WMFP-96	•	•	•	1.80kg	3653mm

Example :WMFP-48-WT-C
Flexible power feed to connect with a Live End or any Joiner/Feeder. Recommended for use with Cable Suspensions. Field cuttable.



WMSP					
Model	Finish			Weight	Length (mm)
	BK	PT	WT		
WMSP-6	•	•	•	0.37kg	152mm
WMSP-12	•	•	•	0.47kg	304mm
WMSP-24	•	•	•	0.66kg	609mm
WMSP-36	•	•	•	0.87kg	914mm
WMSP-48	•	•	•	1.07kg	1219mm
WMSP-96	•	•	•	1.89kg	2438mm

Example :WMSP-6-WT-C
Power feed to connect with a Live End or any Joiner/Feeder. Field cuttable.



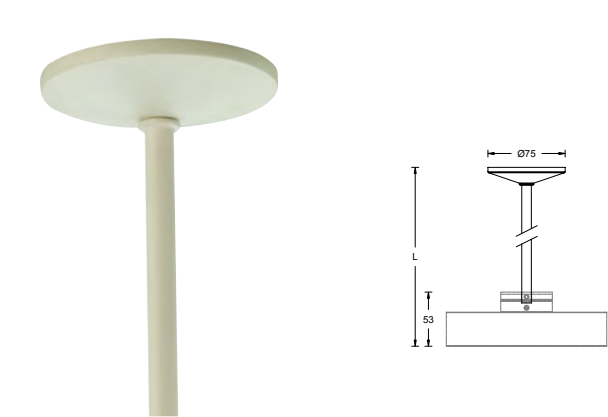
WMT-X					
Model	Finish			Weight	Length (mm)
	BK	PT	WT		
WMT-X6	•	•	•	0.10kg	152mm
WMT-X12	•	•	•	0.13kg	304mm
WMT-X24	•	•	•	0.18kg	609mm
WMT-X36	•	•	•	0.24kg	914mm
WMT-X48	•	•	•	0.30kg	1219mm
WMT-X96	•	•	•	0.52kg	2438mm

Example :WMT-X6-WT-C
Pendant stem kit. Used to extend track from the ceiling. Field cuttable.



WMT-XS					
Model	Finish			Weight	Length (mm)
	BK	PT	WT		
WMT-XS6	•	•	•	0.13kg	135mm
WMT-XS12	•	•	•	0.16kg	287mm
WMT-XS24	•	•	•	0.22kg	592mm
WMT-XS36	•	•	•	0.29kg	897mm
WMT-XS48	•	•	•	0.35kg	1202mm
WMT-XS96	•	•	•	0.60kg	2421mm

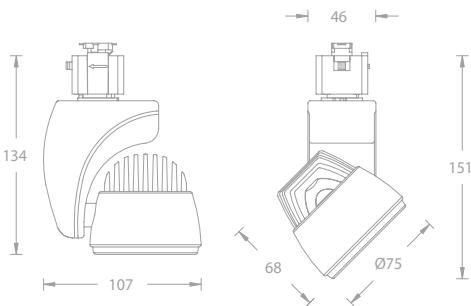
Example :WMT-XS6-WT-C
Sloped ceiling stem. Use to extend track from a sloped ceiling. Field cuttable.



WMT-TB					
Model	Finish			Weight	Length (mm)
	BK	PT	WT		
WMT-TB6	•	•	•	0.05kg	152mm
WMT-TB12	•	•	•	0.08kg	304mm
WMT-TB24	•	•	•	0.15kg	609mm
WMT-TB36	•	•	•	0.21kg	914mm
WMT-TB48	•	•	•	0.28kg	1219mm
WMT-TB96	•	•	•	0.54kg	2438mm

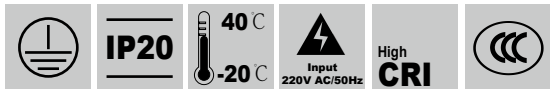
Example :WMT-TB6-WT-C
Includes T-Bar clip to extend track from drop ceilings. Field cuttable.

REFLEX



REFLEX

- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- LED type: High Power LED
- LED CCT, lumen output: 3000K 525lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.6Kg



Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL31S	Ø75x68	LD06 LED 6W	11400cd(6W @3000K 7°) 3174cd(6W @3000K 14°) 2601cd(6W @3000K 20°) 1300cd(6W @3000K 30°) 806cd(6W @3000K 40°)	E ON-OFF	5 7° 1 14° 2 20° 3 30° 4 40°	9 90	30 3000K 40 4000K	BK Black WT White

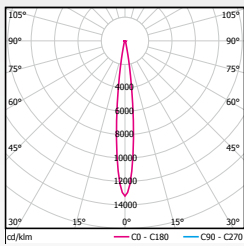
Example : JL31SLD06-E-1930BK

REFLEX

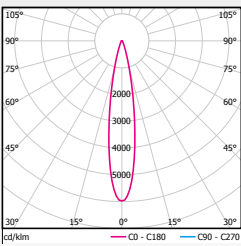
Designed for illumination in high profile museums, hospitality and commercial spaces, REFLEX LED track luminaires operate effectively with our J Track system.

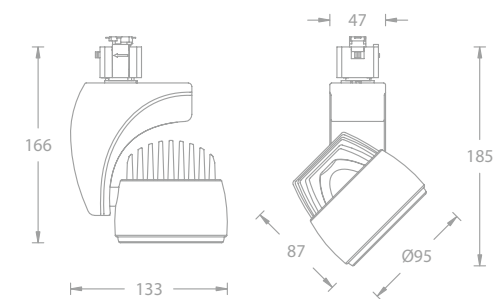
Dengzhou Ancient Boat Museum
Penglai, Shandong Province

JL31SLD06-E-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	3174	0.2	0.2
2	1189	0.4	0.4
3	528	0.6	0.6
4	297	0.9	0.9



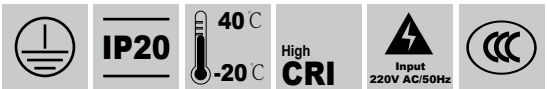
JL31SLD06-E-2930			
0° Aiming Angle			
D(M)	LUX	W	L
1	2601	0.3	0.3
2	536	0.6	0.6
3	238	1.0	1.0
4	134	1.3	1.3





REFLEX

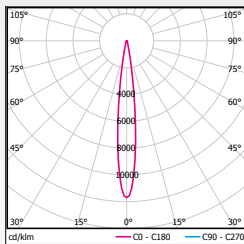
- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and -90°-90° vertical aiming tilt
- LED type: High Power LED
- LED CCT, lumen output: 3000K 1050lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 1.0Kg



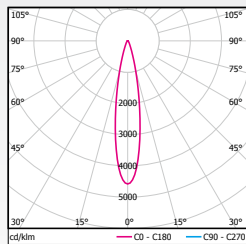
Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL32S	Ø95x87	LD12 LED 12W	18668cd(12W @3000K 7°) 5939cd(12W @3000K 14°) 3873cd(12W @3000K 20°) 2117cd(12W @3000K 30°) 1333cd(12W @3000K 40°)	E ON-OFF	5 7° 1 14° 2 20° 3 30° 4 40°	9 90	30 3000K 40 4000K	BK Black WT White

Example : JL32SLD12-E-1930BK

JL32SLD12-E-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	5939	0.2	0.2
2	2101	0.5	0.5
3	934	0.7	0.7
4	525	0.9	0.9

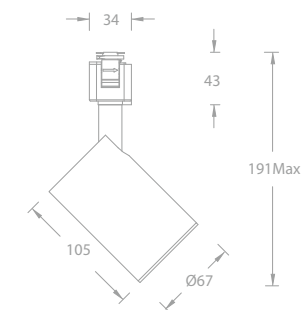


JL32SLD12-E-2930			
0° Aiming Angle			
D(M)	LUX	W	L
1	3873	0.3	0.3
2	822	0.7	0.7
3	365	1.0	1.0
4	206	1.4	1.4



Dengzhou Ancient Boat Museum
Penglai, Shandong Province

SILO



SILO

- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, only one piece allowed per Class
- LED type: COB
- LED wattage, CCT, lumen output: 6W 3000K 670lm
12W 3000K 1200lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.5Kg



Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
JL15S	Ø67 x 105	LM06 6W LM12 12W	540lm (@6W 3000K 13°) 542lm (@6W 3000K 24°) 528lm (@6W 3000K 35°) 863lm (@12W 3000K 13°) 857lm (@12W 3000K 24°) 835lm (@12W 3000K 35°)	O On-board	1 13° 2 24° 3 35°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

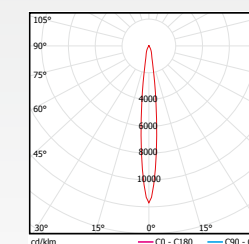
Example : JL15SLM12-O-2930WT

SILO

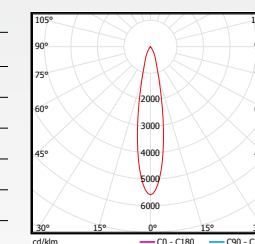
SILO track luminaires are ideal for illuminating artwork and wall surfaces in residential, museum, hospitality and commercial environments. A compact and minimalist solution to many general and spot lighting challenges. SILO is constructed of Die Cast Aluminum for outstanding durability and designed with a sleek profile.

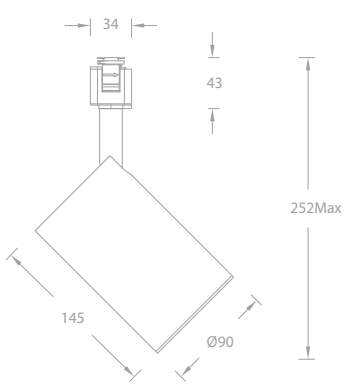
Xuzhou Museum
Xuzhou, Jiangsu Province

JL15SLM12-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	9428	0.2	0.2
2	2357	0.39	0.39
3	1048	0.59	0.59
4	589	0.79	0.79



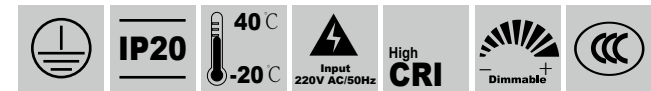
JL15SLM12-O-2930			
0° Aiming Angle			
D(M)	LUX	W	L
1	4444	0.35	0.35
2	1111	0.69	0.69
3	494	1.0	1.0
4	278	1.35	1.35





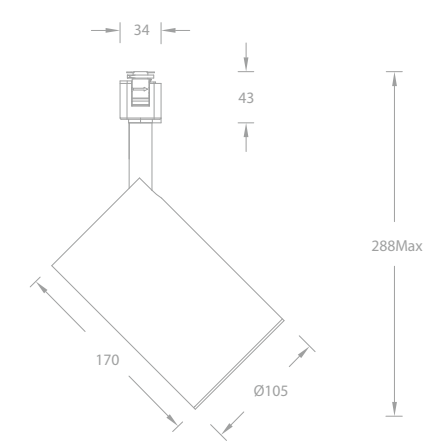
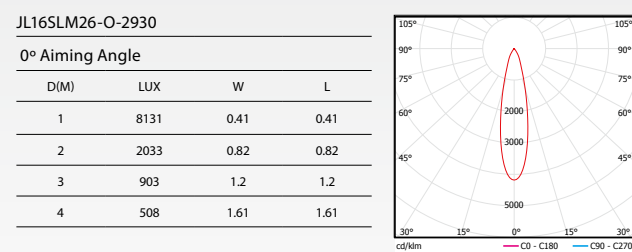
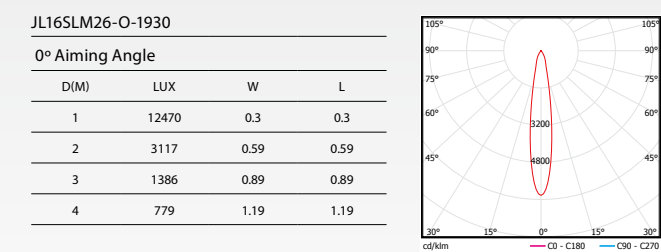
SILO

- Body material: Die-cast aluminum
 - Optical system: Lens + Reflector
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, only one piece allowed per Class
- LED type: COB
 - LED wattage, CCT, lumen output: 18W 3000K 1700lm
26W 3000K 2500lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.0Kg



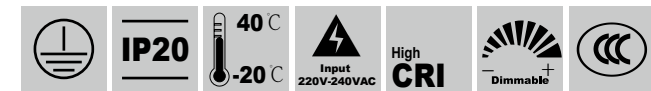
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
JL16S	Ø90 x 145	LM18	18W	0	1 13° 2 24° 3 35°	9	27 2700K 30 3000K 40 4000K 50 5000K	BK WT
		LM26	26W					
			1460lm (@18W 3000K 13°) 1467lm (@18W 3000K 24°) 1467lm (@18W 3000K 35°) 1924lm (@26W 3000K 13°) 1945lm (@26W 3000K 24°) 1941lm (@26W 3000K 35°)	On-board				

Example : JL16SLM18-O-1930WT



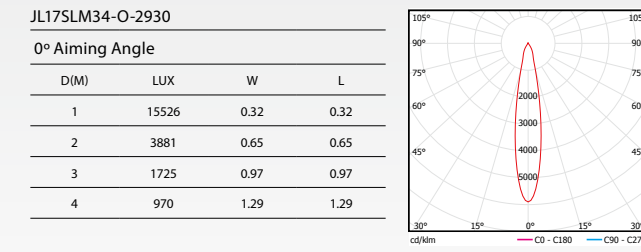
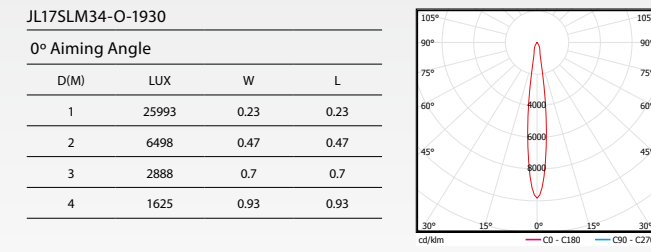
SILO

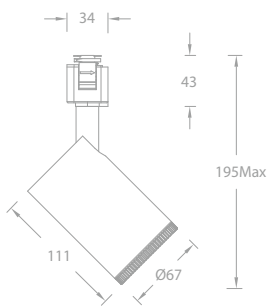
- Body material: Die-cast aluminum
 - Optical system: Lens + Reflector
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED CCT, lumen output: 3000K 3600lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.4Kg



Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
JL17S	Ø105x170	LM34 34W	2645lm (@34W 3000K 13°)	O On-board	1 13°	9 90	27 2700K	BK Black WT White
			2632lm (@34W 3000K 24°)		2 24°		30 3000K	
			2585lm (@34W 3000K 35°)		3 35°		40 4000K 50 5000K	

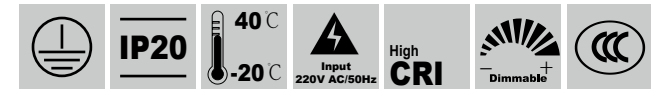
Example : JL17SLM34-O-1930WT





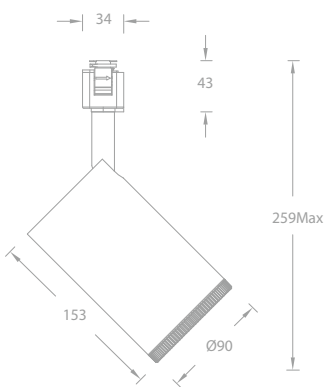
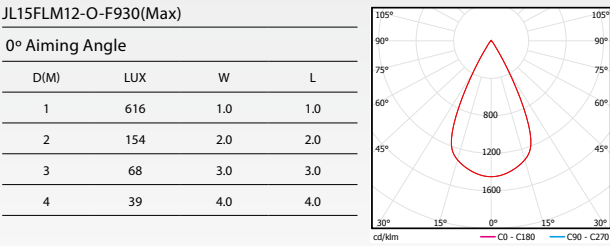
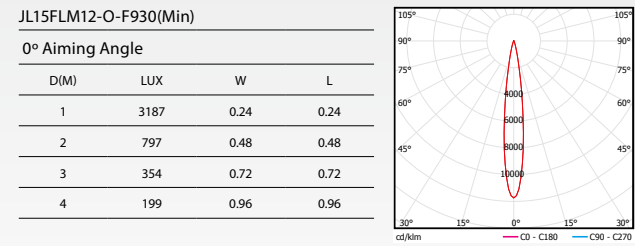
SILO Focus

- Body material: Die-cast aluminum
 - Optical system: Continuous adjustable beam angle
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED wattage, CCT, lumen output: 6W 3000K 670lm
12W 3000K 1200lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 0.5Kg



Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL15F	Ø67 x 111	LM06 6W LM12 12W	2395cd (@6W 3000K Max) 3187cd (@12W 3000K Max)	O On-board	F 12°-50°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

Example : JL15FLM06-O-F930WT



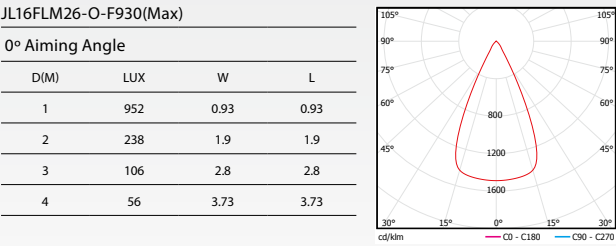
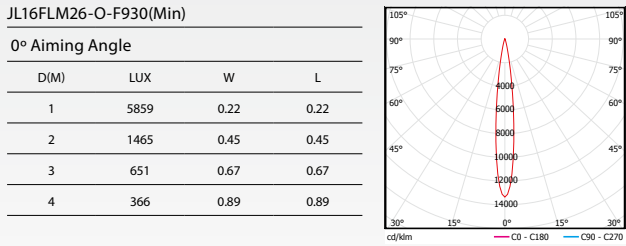
SILO Focus

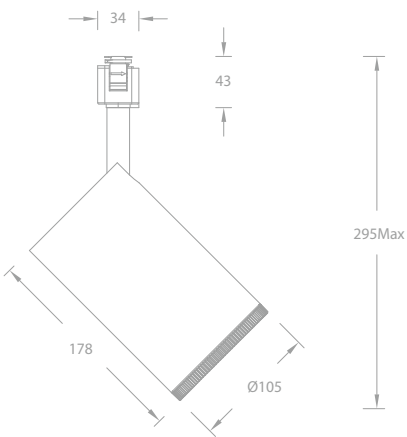
- Body material: Die-cast aluminum
 - Optical system: Continuous adjustable beam angle
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED wattage, CCT, lumen output: 18W 3000K 1700lm
26W 3000K 2500lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.0Kg



Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL16F	Ø90 x 153	LM18 18W LM26 26W	4670cd (@18W 3000K Max) 5859cd (@26W 3000K Max)	O On-board	F 12°-50°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

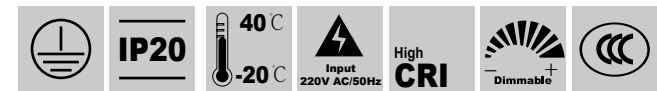
Example : JL16FLM18-O-F930WT





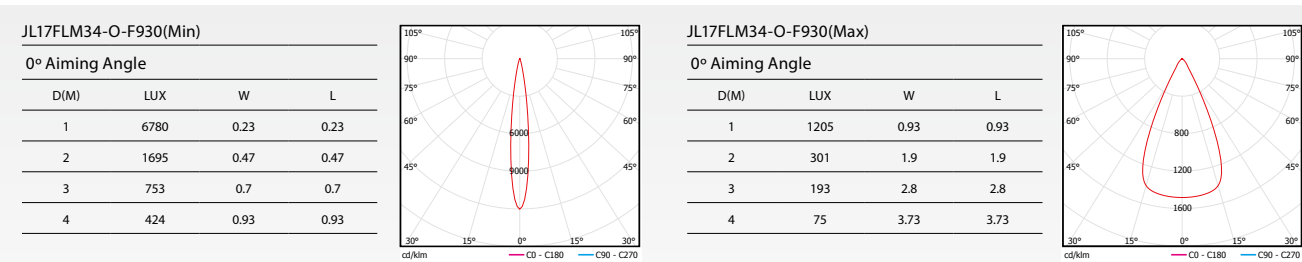
SILO Focus

- Body material: Die-cast aluminum
 - Optical system: Continuous adjustable beam angle
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED CCT, lumen output: 3000K 3600lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.4Kg



Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL17F	Ø105x178	LM34 34W	6780cd (@34W 3000K Max)	O On-board	F 12°-50°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

Example : JL17FLM34-O-F930WT



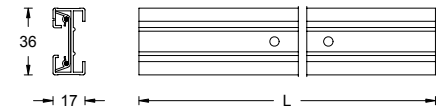
LENSES/FILTERS				
Model	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
JL15S	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
JL15F	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
JL16S	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C
JL16F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C
JL17S	LENS-25-BEL-SW	LENS-25-BSL	LENS-25-FR-SW	LENS-25-LCM-SW
JL17F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C

OPTICAL ACCESSORIES				
Model	SNOOT (CLASS II)	CROSS LOUVER (CLASS II)	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)
JL15S	LENS-16-SNOOT	LENS-16P-CRL-BK-C	LENS-16-HCM	TL-21-BD-SW
JL15F	LENS-15-SNOOT	/	/	TL-21-BD-SW
JL16S	LENS-73-SNOOT	LENS-73-CRL	LENS-73-HCM	LENS-73-BD
JL16F	LENS-20-SNOOT	/	LENS-20-HCL	LENS-73-BD
JL17S	LENS-25-SNOOT-SW	LENS-25P-CRL-BK	LENS-25-HCL	TL-22-BD-SW
JL17F	LENS-20-SNOOT	/	LENS-20-HCL	TL-22-BD-SW

Note: up to 3 optical accessories, only one piece allowed per Class

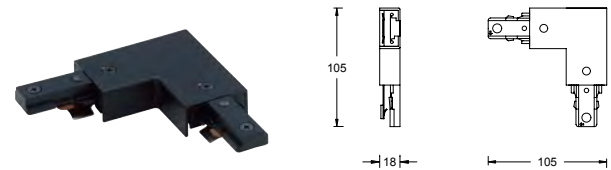


J Track System Adapter



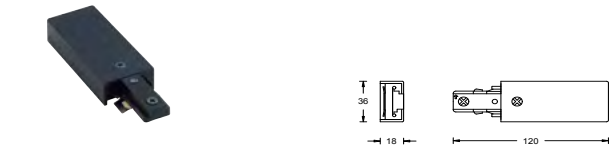
J SYSTEM TRACK					
Model	Finish			Length	Weight
	BK	PT	WT		
JT1M	•	•	•	1000mm	0.56kg
JT2M	•	•	•	2000mm	1.09kg
JT3M	•	•	•	3000mm	1.62kg

EXAMPLE JT1M-WT-C
Includes two end caps.



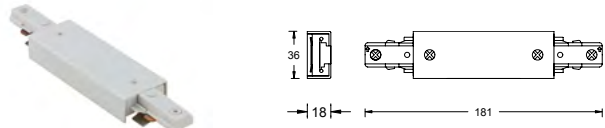
"L" CONNECTOR (LEFT)				
Model	Finish			Weight
	BK	PT	WT	
JL-LEFT	•	•	•	0.09kg

EXAMPLE JL-LEFT-BK-C
Use to join two track sections to make a power feedable 90° – left-hand polarity.



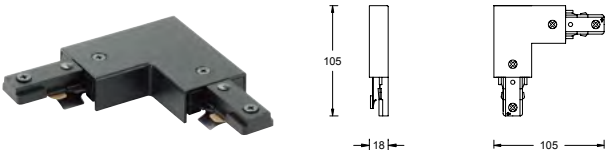
LIVE END CONNECTOR			
Model	Finish		
	BK	PT	WT
JLE	•	•	•

EXAMPLE JLE-BK-C
Use for direct wiring from conduit through the ceiling.



"I" STRAIGHT LINE POWER CONNECTOR			
Model	Finish		
	BK	PT	WT
JI-PWR	•	•	•

EXAMPLE JI-PWR-WT-C
Power entry point at the connection of two tracks.



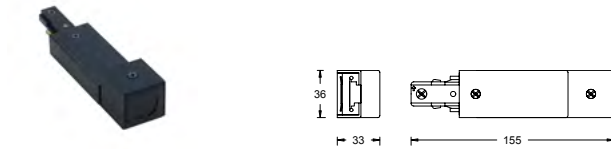
"L" CONNECTOR (RIGHT)			
Model	Finish		
	BK	PT	WT
JL-RIGHT	•	•	•

EXAMPLE JL-RIGHT-BK-C
Used to join two track sections to make a power feedable 90° – right-hand polarity.



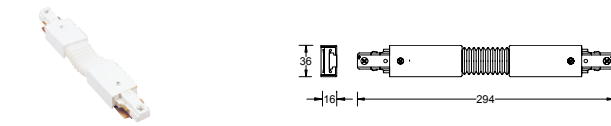
"I" CONNECTOR		
Model	Finish	
	BK	PT
Jl	•	•

EXAMPLE JI-BK-C
Straight line connector used to join two sections of track with electrical continuity.



BX CONNECTOR			
Model	Finish		
	BK	PT	WT
JBXLE	•	•	•

EXAMPLE JBXLE-BK-C
Live end connector for use with surface mounted BX or Romex. Will also provide an opening through the ceiling connection.



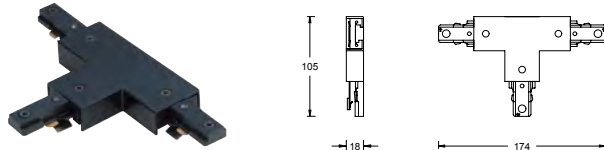
FLEXIBLE TRACK CONNECTOR			
Model	Finish		
	BK	PT	WT
JFLX	•	•	•

EXAMPLE JFLX-WT-C
Connects two track sections at variable angles from 60° to 180°. Use as a transition from wall-to-wall, wall-to-ceiling, or ceiling-to-ceiling. Power feedable.



"I" DEAD END STRAIGHT LINE CONNECTOR			
Model	Finish		
	BK	PT	WT
Jl-DEC	•	•	•

EXAMPLE JI-DEC-BK-C
Straight line connector used to join two sections of track without electrical continuity.



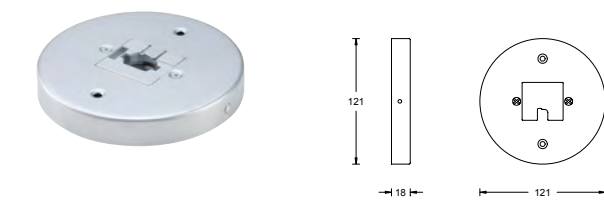
"T" CONNECTOR			
Model	Finish		
	BK	PT	WT
JT	•	•	•

EXAMPLE JT-BK-C
Use to join three track sections to make a "T" configuration.



"X" CONNECTOR			
Model	Finish		
	BK	PT	WT
JX	•	•	•

EXAMPLE JX-WT-C
Used to join four track sections to make an "X" configuration.



MONOPOINT CANOPY ADAPTER			
Model	Finish		
	BK	PT	WT
JMP	•	•	•

EXAMPLE JMP-PT-C
Used to mount a single J system track fixture to an octagon box. When used with a low voltage track head the transformer box will protrude "off" of the face of the monopoint. For the ME series which contains a 60w transformer in the canopy.

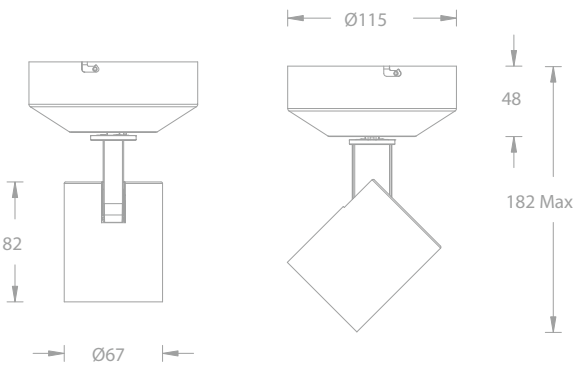
SWALLOW PRO



SWALLOW PRO

The SWALLOW series of LED spots operates with the three-circuit track and is ideal for museums, art galleries, hotels, retail, high-end residential and commercial spaces. This grouping provides professional styled functional and general lighting from die-cast aluminum profiles and built-in COB LEDs without any visual heat sinks. These LED luminaires offer various beam angles, high luminous flux and excellent color rendering.

Confucius Palace In Nishan Holyland
Shandong Province



SWALLOW Pro

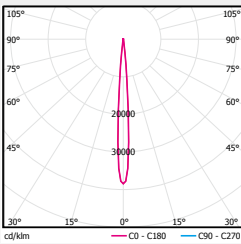
- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
- LED wattage, CCT, lumen output: 6W 3000K 650lm
12W 3000K 1250lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net Weight: 1.1Kg



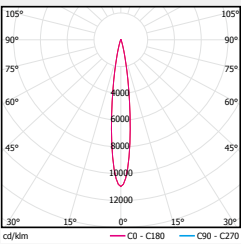
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
ME21H	Ø67x82	LM06 6W LM12 12W	813lm(12W @3000K 12°) 905lm(12W @3000K 24°) 968lm(12W @3000K 36°) 930lm(12W @3000K 55°)	E D ON-OFF 0-10V Dimming	1 12° 2 24° 3 36° 5 55° W Wall Washer	9 90	30 3000K 40 4000K	BK Black WT White

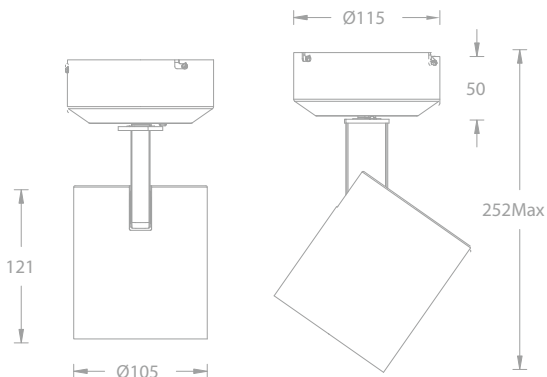
Example : ME21HLM12-E-2930WT

ME21HLM06-E-1930				
0° Aiming Angle				
D(M)	LUX	W	L	
1	30686	0.10	0.10	
2	7672	0.20	0.20	
3	3410	0.29	0.29	
4	1918	0.39	0.39	



ME21HLM12-E-1930				
0° Aiming Angle				
D(M)	LUX	W	L	
1	8896	0.25	0.25	
2	2224	0.50	0.50	
3	988	0.78	0.78	
4	556	1.03	1.03	





SWALLOW Pro

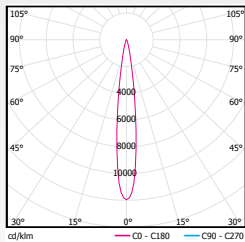
- Body material: Die-cast aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
- LED wattage, CCT, lumen output: 18W 3000K 1970lm
28W 3000K 3010lm
38W 3000K 3520lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net Weight: 2.0Kg



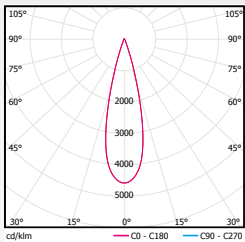
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
ME22H	Ø105x121	LM18 18W LM28 28W LM38 38W	1382lm(18W @3000K 12°)	E D ON-OFF 0-10V Dimming	1 12° 2 24° 3 36° 5 50° W Wall Washer	9 90	30 3000K 40 4000K	BK Black WT White
			1450lm(18W @3000K 24°)					
			1405lm(18W @3000K 36°)					
			1391lm(18W @3000K 50°)					
			2157m(28W @3000K 12°)					
			2261lm(28W @3000K 24°)					
			2184lm(28W @3000K 36°)					
			2190lm(28W @3000K 50°)					
			2846lm(38W @3000K 12°)					
			2985lm(38W @3000K 24°)					
2907lm(38W @3000K 36°)								
2883lm(38W @3000K 50°)								

Example : ME22HLM28-E-2930WT

ME22HLM18-E-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	8896	0.25	0.25
2	2224	0.50	0.50
3	988	0.62	0.62
4	556	0.87	0.87



ME22HLM18-E-2930			
0° Aiming Angle			
D(M)	LUX	W	L
1	13670	0.47	0.47
2	3418	0.95	0.95
3	1519	1.4	1.4
4	855	1.87	1.87



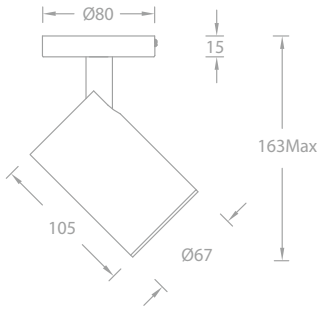
Zhejiang Museum of Natural History
Anji, Zhejiang Province

SILO



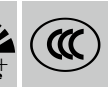
SILO
Constructed from die-cast aluminum, the LED track luminaires are diminutive and seamless. SILO is perfect for focused illumination in museums, residential, hospitality and commercial settings.

Zhejiang Museum of Natural History
Anji, Zhejiang Province



SILO

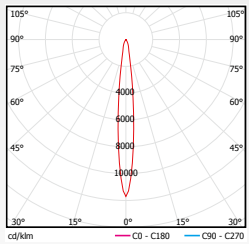
- Body material: Die-cast aluminum
- Optical system: Light guide + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
- LED wattage, CCT, lumen output: 6W 3000K 670lm
12W 3000K 1200lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.5Kg



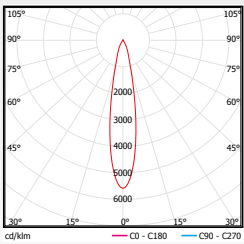
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
ME15S	Ø67x105	LM06 6W LM12 12W	540lm (@6W 3000K 13°) 542lm (@6W 3000K 24°) 528lm (@6W 3000K 35°) 863lm (@12W 3000K 13°) 857lm (@12W 3000K 24°) 835lm (@12W 3000K 35°)	O On-board D 0-10V Dimming	1 13° 2 24° 3 35°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

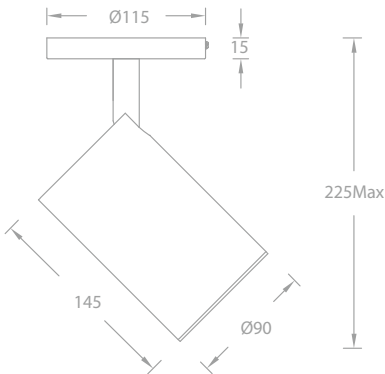
Example : ME15SLM12-O-2930WT

ME15SLM12-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	9428	0.2	0.2
2	2357	0.39	0.39
3	1048	0.59	0.59
4	589	0.79	0.79



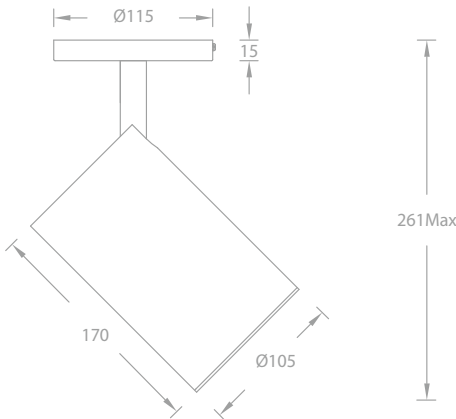
ME15SLM12-O-2930			
0° Aiming Angle			
D(M)	LUX	W	L
1	4444	0.35	0.35
2	1111	0.69	0.69
3	494	1.0	1.0
4	278	1.35	1.35





SILO

- Body material: Die-cast aluminum
 - Optical system: Light guide + Reflector
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED wattage, CCT, lumen output: 18W 3000K 1700lm
26W 3000K 2500lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.0Kg



SILO

- Body material: Die-cast aluminum
 - Optical system: Light guide + Reflector
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED CCT, lumen output: 3000K 3600lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.4Kg



Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
ME16S	Ø90x145	LM18 18W	1460lm (@18W 3000K 13°)	O On-board D 0-10V Dimming	1 13° 2 24° 3 35°	9 90	27 2700K	BK Black WT White
		LM26 26W	1467lm (@18W 3000K 24°) 1467lm (@18W 3000K 35°) 1924lm (@26W 3000K 13°) 1945lm (@26W 3000K 24°) 1941lm (@26W 3000K 35°)				30 3000K 40 4000K 50 5000K	

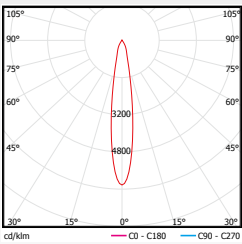
Example : ME16SLM18-O-1930WT



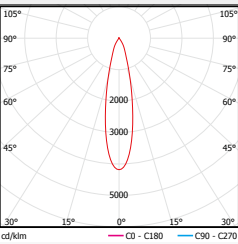
Model	Size(mm)	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
ME17S	Ø105x170	LM34 34W	2645lm (@34W 3000K 13°)	O On-board D 0-10V Dimming	1 13° 2 24° 3 35°	9 90	27 2700K	BK Black WT White
			2632lm (@34W 3000K 24°) 2585lm (@34W 3000K 35°)				30 3000K 40 4000K 50 5000K	

Example : ME17SLM34-O-1930WT

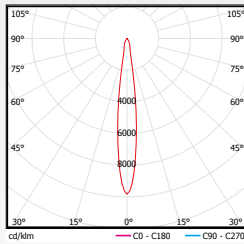
ME16SLM26-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	12470	0.3	0.3
2	3117	0.59	0.59
3	1386	0.89	0.89
4	779	1.19	1.19



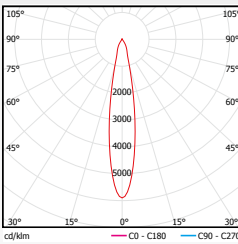
ME16SLM26-O-2930			
0° Aiming Angle			
D(M)	LUX	W	L
1	8131	0.41	0.41
2	2033	0.82	0.82
3	903	1.2	1.2
4	508	1.61	1.61

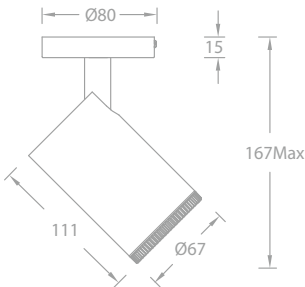


ME17SLM34-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	25993	0.23	0.23
2	6498	0.47	0.47
3	2888	0.7	0.7
4	1625	0.93	0.93



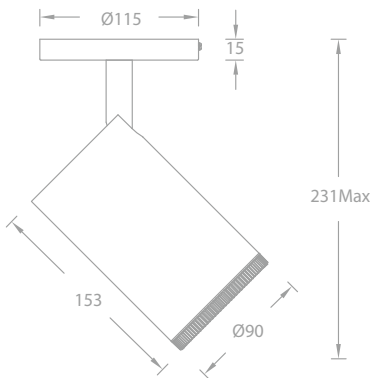
ME17SLM34-O-2930			
0° Aiming Angle			
D(M)	LUX	W	L
1	15526	0.32	0.32
2	3881	0.65	0.65
3	1725	0.97	0.97
4	970	1.29	1.29





SILO Focus

- Body material: Die-cast aluminum
 - Optical system: Continuous adjustable beam angle
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED wattage, CCT, lumen output: 6W 3000K 670lm
12W 3000K 1200lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 0.5Kg



SILO Focus

- Body material: Die-cast aluminum
 - Optical system: Continuous adjustable beam angle
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED wattage, CCT, lumen output: 18W 3000K 1700lm
26W 3000K 2500lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.0Kg



Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME15F	Ø67x111	LM06 6W LM12 12W	2395cd (@6W 3000K Max) 3187cd (@12W 3000K Max)	O D On-board 0-10V Dimming	F 12°-50°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

Example : ME15FLM06-O-F930WT

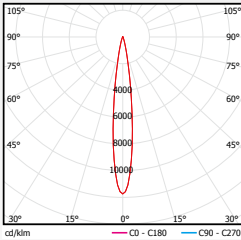


Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME16F	Ø90x153	LM18 18W LM26 26W	4670cd (@18W 3000K Max) 5859cd (@26W 3000K Max)	O D On-board 0-10V Dimming	F 12°-50°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

Example : ME16FLM18-O-F930WT

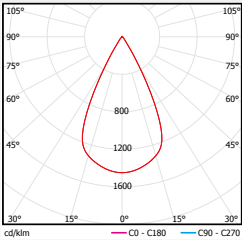
ME15FLM12-O-F930(Min)

0° Aiming Angle			
D(M)	LUX	W	L
1	3187	0.24	0.24
2	797	0.48	0.48
3	354	0.72	0.72
4	199	0.96	0.96



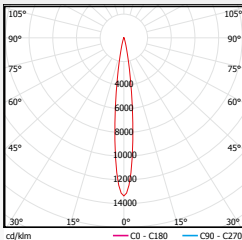
ME15FLM12-O-F930(Max)

0° Aiming Angle			
D(M)	LUX	W	L
1	616	1.0	1.0
2	154	2.0	2.0
3	68	3.0	3.0
4	39	4.0	4.0



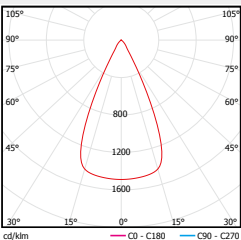
ME16FLM26-O-F930(Min)

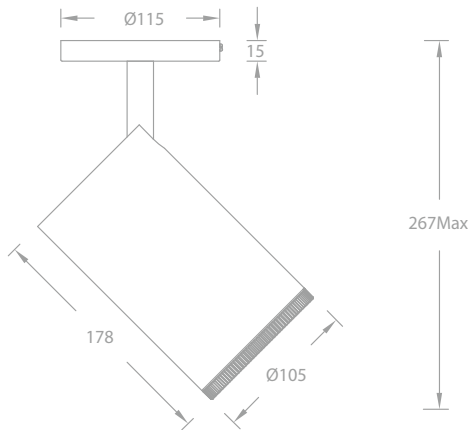
0° Aiming Angle			
D(M)	LUX	W	L
1	5859	0.22	0.22
2	1465	0.45	0.45
3	651	0.67	0.67
4	366	0.89	0.89



ME16FLM26-O-F930(Max)

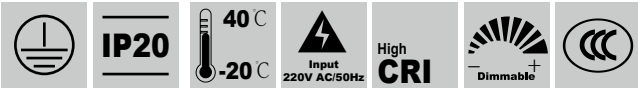
0° Aiming Angle			
D(M)	LUX	W	L
1	952	0.93	0.93
2	238	1.9	1.9
3	106	2.8	2.8
4	56	3.73	3.73





SILO Focus

- Body material: Die-cast aluminum
 - Optical system: Continuous adjustable beam angle
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Various optical accessories available, up to 3pcs, one piece allowed per Class
- LED type: COB
 - LED CCT, lumen output: 3000K 3600lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 1.4Kg

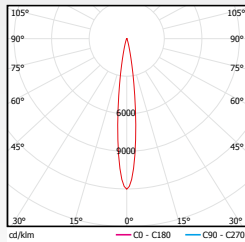


Model	Size(mm)	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME17F	Ø105x178	LM34 34W	6780cd (@34W 3000K Max)	O D On-board 0-10V Dimming	F 12°-50°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

Example : ME17FLM34-O-F930WT

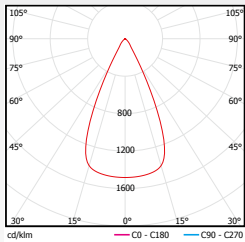
ME17FLM34-O-F930(Min)

0° Aiming Angle			
D(M)	LUX	W	L
1	6780	0.23	0.23
2	1695	0.47	0.47
3	753	0.7	0.7
4	424	0.93	0.93



ME17FLM34-O-F930(Max)

0° Aiming Angle			
D(M)	LUX	W	L
1	1205	0.93	0.93
2	301	1.9	1.9
3	193	2.8	2.8
4	75	3.73	3.73



LENSES/FILTERS				
Model	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
ME15S	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
ME15F	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
ME16S	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C
ME16F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C
ME17S	LENS-25-BEL-SW	LENS-25-BSL	LENS-25-FR-SW	LENS-25-LCM-SW
ME17F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C

OPTICAL ACCESSORIES				
Model	SNOOT (CLASS II)	CROSS LOUVER (CLASS II)	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)
ME15S	LENS-16-SNOOT	LENS-16P-CRL-BK-C	LENS-16-HCM	TL-21-BD-SW
ME15F	LENS-15-SNOOT	/	/	TL-21-BD-SW
ME16S	LENS-73-SNOOT	LENS-73-CRL	LENS-73-HCM	LENS-73-BD
ME16F	LENS-20-SNOOT	/	LENS-20-HCL	LENS-73-BD
ME17S	LENS-25-SNOOT-SW	LENS-25P-CRL-BK	LENS-25-HCL	TL-22-BD-SW
ME17F	LENS-20-SNOOT	/	LENS-20-HCL	TL-22-BD-SW

Note: up to 3 optical accessories, one piece allowed per Class.

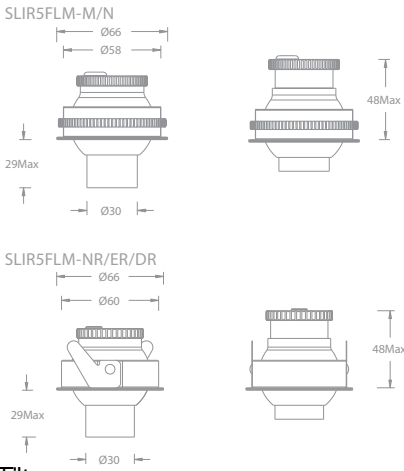
LEDme® Showcase Luminaires



LEDme® Showcase Luminaires

The LEDme® Showcase series of luminaires is designed for museums, galleries and other places designed to showcase artwork, figurines and collectibles. The fixtures are small, easy to install, and with a beam angle that can be adjusted according to different exhibitions and displays. The Showcase series can achieve beam angles between 6° - 40° adjustment, with glare-free illumination and no shadows.

Xuzhou Museum
Jiangsu Province



LEDme® II Showcase Lighting Tilt

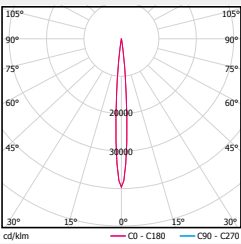
- Body material: Aluminum
- Optical system: Continuous adjustable beam angle +SUBROSA®
- Finish: Powder coat
- Adjustable angle: horizontal rotation in any direction and -30° to 30° vertical aiming tilt
- Accessories/Brackets: Extender cable available
- LED type: High Power LED
- LED CCT, lumen output: 3000K 480lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Input: 12V DC (Constant Current Driver 500mA Max)
- Dimming control: suitable for WAC LED power provider (see SPECIFICATIONS for details)
- Net weight: 0.17Kg

Model	LED Power	System CBCP	Driver	Beam	CRI	CCT	Finish
SLIR5F	LM LED 6W	3098cd(@3000K 8°) 560cd(@3000K 40°)	N Single wire M MTB driver (Can be ordered separately) NR Single wire ER ON-OFF * DR 0-10V Dimming *	F 8°-40°	9 90	30 3000K 40 4000K	BK Black

Example : SLIR5FLM-M-F930BK
Note: "*" Except for SLIR5FLM-ER / DR, others are all without driver

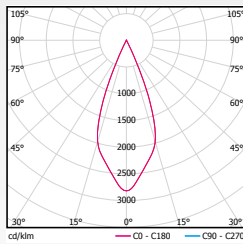
SLIR5FLM-N-F930 (Min)

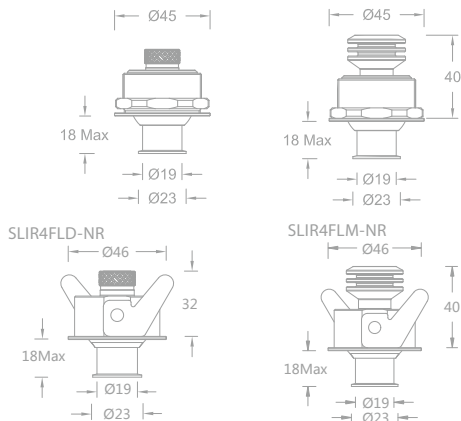
D(M)	LX	W	L
0.3	34422	0.04	0.04
0.6	8606	0.08	0.08
1.2	2151	0.17	0.17
2.4	538	2.40	2.40



SLIR5FLM-N-F930 (Max)

D(M)	LUX	W	L
0.3	6222	0.22	0.22
0.6	1556	0.43	0.43
1.2	389	0.86	0.86
2.4	97	2.40	2.40





LEDme® II Showcase Lighting Front Adjustable

- Body material: Aluminum
 - Optical system: Continuous adjustable beam angle +SUBROSA®optical system
 - Finish: Powder coat
 - Adjustable angle: horizontal rotation in any direction and -30° to 30° vertical aiming tilt
 - Accessories/Brackets: Extender cable available
- LED type: High Power LED
 - LED CCT, lumen output: SLIR4FLD: 3000K 175lm
SLIR4FLM: 3000K 410lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Input: Constant Current Driver (See Specifications for details)
 - Dimming control: Suitable for WAC LED power provider (see Specifications for details)
 - Net weight: 0.09Kg

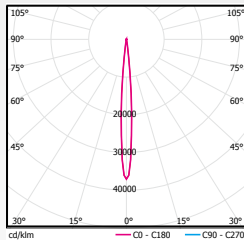


Model	Structure	LED Power	System CBCP	Driver	Beam	CRI	CCT	Finish
SLI	R4F Front adjustable spotlight	LD LED 1W (350mA) LED 2W (700mA)	773cd(@3000K Max)	N Single wire M MTB driver(Can be ordered separately) NR Single wire	F 6°-40°	9 A 90 Ra97		
		LM LED 4.5W	1197cd(@3000K Max)	N Single wire NR Single wire	F 7°-40°	9 90	30 40 3000K 4000K	BK Black

Example : SLIR4FLD-N-F930BK

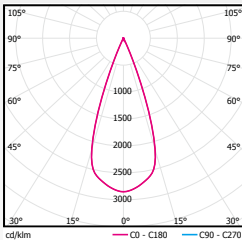
SLIR4FLD-N-F930 (Min)

0° Aiming Angle			
D(M)	LX	W	L
0.3	9782	0.03	0.03
0.6	2446	0.06	0.06
1.2	611	0.13	0.13
2.4	153	0.25	0.25



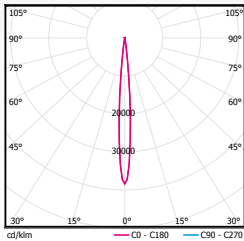
SLIR4FLD-N-F930 (Max)

0° Aiming Angle			
D(M)	LUX	W	L
0.3	1206	0.23	0.23
0.6	301	0.46	0.46
1.2	75	0.92	0.92
2.4	19	1.84	1.84



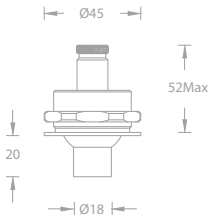
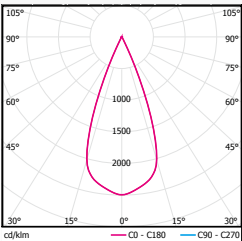
SLIR4FLM-N-F930 (Min)

0° Aiming Angle			
D(M)	LX	W	L
0.3	13300	0.05	0.05
0.6	3325	0.09	0.09
1.2	831	0.18	0.18
2.4	208	0.36	0.36



SLIR4FLM-N-F930(Max)

0° Aiming Angle			
D(M)	LUX	W	L
0.3	3078	0.22	0.22
0.6	769	0.44	0.44
1.2	192	0.89	0.89
2.4	48	1.78	1.78



LEDme® II Showcase Lighting Rear Adjustable

- Body material: Aluminum
 - Optical system: Continuous adjustable beam angle
 - Finish: Powder coat
 - Adjustable angle: horizontal rotation in any direction and -30° to 30° vertical aiming tilt
 - Accessories/Brackets: Extender cable available
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 175lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Input: 700mA Max /3V (Constant Current Driver)
 - Dimming control: Suitable for WAC LED power provider (see Specifications for details)
 - Net weight: 0.08Kg

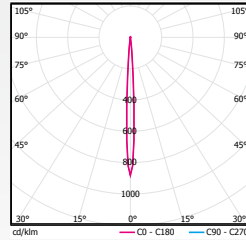


Model	Structure	LED Power	System CBCP	Driver	Beam	CRI	CCT	Finish
SLI	R3F Rear adjustable spotlight	LD LED 1W (350mA) LED 2W (700mA)	773cd(@3000K Max)	N Single wire M MTB driver (Can be ordered separately)	F 6°-40°	9 A 90 Ra97	30 40 3000K 4000K	BK Black

Example : SLIR3FLD-N-F930BK

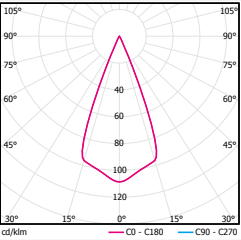
SLIR3FLD-N-F930 (Min)

0° Aiming Angle			
D(M)	LX	W	L
0.3	9782	0.03	0.03
0.6	2446	0.06	0.06
1.2	611	0.13	0.13
2.4	153	0.25	0.25



SLIR3FLD-N-F930 (Max)

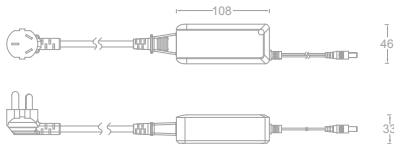
0° Aiming Angle			
D(M)	LUX	W	L
0.3	1206	0.23	0.23
0.6	301	0.46	0.46
1.2	75	0.92	0.92
2.4	19	1.84	1.84



LED driver for Showcase Lights includes 36VDC adapter and MTB LED Power Divider, suitable for SLIR5/SLIR4/SLIR3/SR45/SR46 and SR47series. (Can be ordered separately)

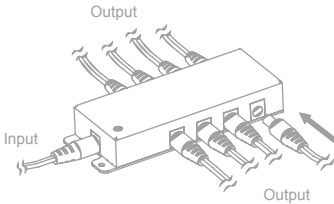
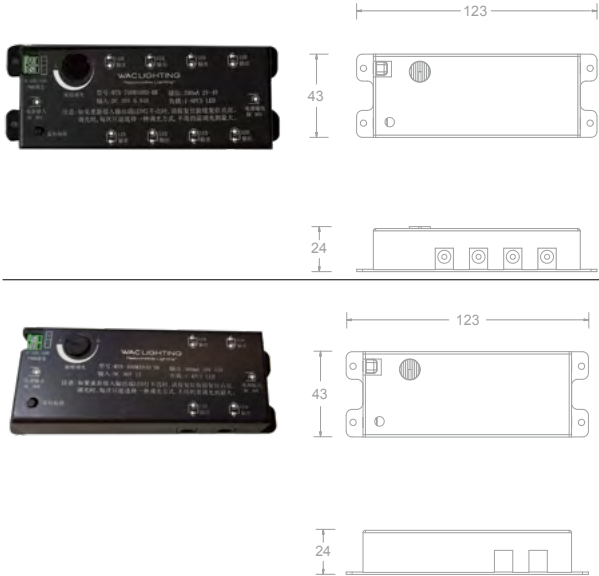
- 36V DC adapter

PA-36			
Model	Finish	Description	Weight
PA-3636-BK-C	BK	220-240VAC, 50/60HZ,LED CONSTANT VOLTAGE DRIVER	0.27KG



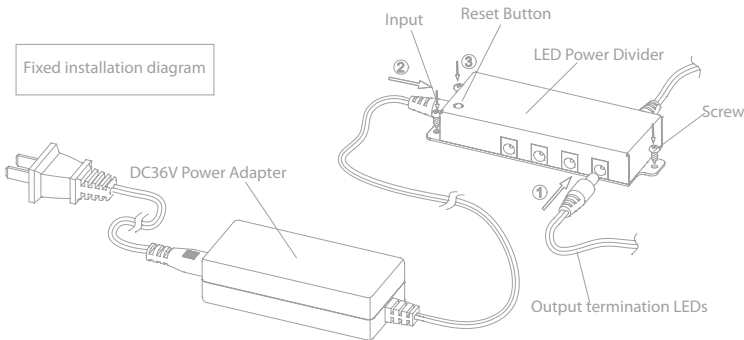
- MTB Power divider

LED-MTB			
Model	Input	Description	Can match lamps
MTB-350MA08D-BK	36VDC	36V DC input, 8 output current ports, 350mA(1W) On board and 0-10V dimming	ME/SR/PL45FLD
MTB-700MA08D-BK	36VDC	36V DCinput, 8 output current ports, 700mA(2W) On board and 0-10V dimming	SLIR3FLD-M SLIR4FLD-M
MTB-1050MA08D-BK	36VDC	36V DC input, 8 output current ports, 1050 mA(3W) On board and 1-10V dimming	ME/SR/PL46FLD
MTB-400MA04D-BK	36VDC	36V DC input, 4 output current ports, 400 mA(5W) On board and 1-10V dimming	ME/SR47FLD (5W) ME/SR48WLD (6W)
MTB-500MA04D-BK	36VDC	36V DC input, 4 output current ports, 500 mA(6W) On board and 1-10V dimming	SLIR5FLD-M

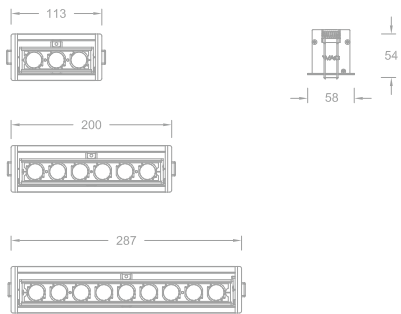


- Function
- Constant Current Output
- Automatically shuts off power supply when the connected luminaire fails.

- 36V DC input
- Fixed MTB Power divider with screws included
- Press Reset button if re-insert LED luminaire is off.



Color: BK – Black



LEDme® Showcase Wall Washer Front Adjustable

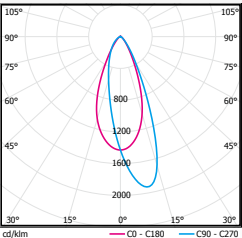
- Body material: Aluminum
- Optical system: Lens + Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable angle: Vertical 0°-35° aiming tilt
- Accessories/Brackets: Various optical accessories available
- Cutout: L 106mm / 193mm / 280mm, W 50mm
- Ceiling thickness: 5-25mm
- LED type: High Power LED
- LED wattage, LED CCT, lumen output: 6W 3000K 525lm
12W 3000K 1050lm
18W 3000K 1575lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.45Kg / 0.65Kg / 0.85Kg



Model	LED Power	System Lumen	Dimming	Beam	CRI	CCT	Finish
SR51W	LD06 6W LD12 12W LD18 18W	356lm (@6W 3000K) 621lm (@12W 3000K) 978lm (@18W 3000K)	E ON-OFF D 0-10V Dimming	W Wall Washer	9 90 A 97	30 3000K 40 4000K	WT White BK Black

Example : SR51WLD12-D-W930WT

Simulated data SR51WLD12-D-W930

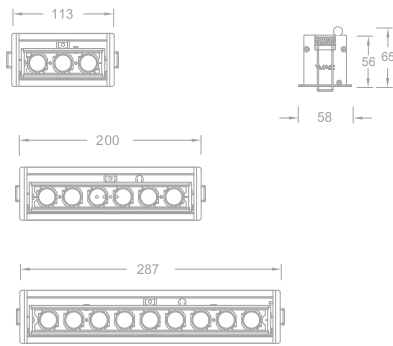


Specifications :
Number of luminaires: n > 5
Wall height (m): 2.5
Angle of tilt: 30°
Offset from wall (m): 0.6
Luminaire spacing (m): 0.8

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.25	165	158	168	158	171
2.00	342	320	334	326	330
1.75	388	389	375	390	371
1.50	373	373	363	375	358
1.25	319	317	315	314	312
1.00	256	259	255	264	253
0.75	201	204	202	207	200
0.50	161	162	161	165	160
0.25	138	139	139	141	137

Specifications :
Number of luminaires: n > 5
Wall height (m): 2.5
Angle of tilt: 30°
Offset from wall (m): 0.6
Luminaire spacing (m): 0.7

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.25	183	191	182	194	185
2.00	372	394	358	407	354
1.75	429	465	409	465	406
1.50	418	438	402	442	398
1.25	360	367	353	369	351
1.00	291	297	289	301	287
0.75	228	232	231	235	228
0.50	182	185	185	186	184
0.25	155	158	157	159	156



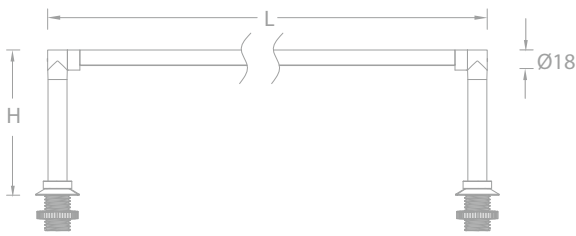
LEDme® Showcase Wall Washer Tilt

- Body material: Aluminum
- Optical system: Lens + Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable angle: Vertical 0°-30° aiming tilt
- Accessories/Brackets: Various optical accessories available
- Cutout: L 106mm / 193mm / 280mm, W 50mm
- Ceiling thickness: 5-25mm
- LED type: High Power LED
- LED wattage, LED CCT, lumen output: 6W 3000K 525lm
12W 3000K1050lm
18W 3000K 1575lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.5Kg / 0.7Kg / 0.9Kg



Model	LED Power	System Lumen	Dimming	Beam	CRI	CCT	Finish
SR52W	LD06 6W	356lm (@6W 3000K)	E D ON-OFF 0-10V Dimming	W Wall Washer	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD12 12W	621lm (@12W 3000K)					
	LD18 18W	978lm (@18W 3000K)					

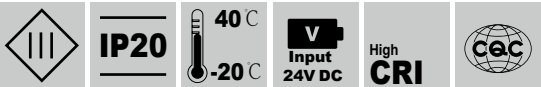
Example : SR52WLD12-D-W930WT



- Height(H) adjustable 150-300mm

LEDme® Bar

- Body material: Aluminum
- Optical system: LiteBox
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-60° rotation
- Accessories/Brackets: Accessories for crossbar assembly
- LED type: SMD
- LED wattage, CCT, lumen output: 10W/m 3000K 800lm
20W/m 3000K 1480lm
- LED lifetime:m>50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency:1.5 SDCM
- Dimming control: Depends on LED driver(Order separately)
- Length: 497mm(0.5m), 1007mm(1.0m), 1417mm(1.4m),
1621mm(1.6m), 2029mm(2.0m) offered
- Net weight: 0.2Kg/m



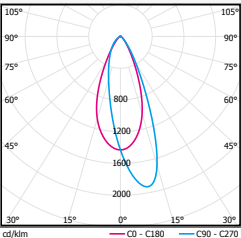
Model	LED Power	System Lumens	Lenght(L)	Driver	Beam	CRI	CCT	Finish
SLP1 <i>Universal luminaire</i>	20 20W/m 10 10W/m	1350lm(@3000K) 800lm(@3000K)	20 2.0m	E T Constant current Constant voltage	W Wall Washer	9 90	30 3000K 40 4000K	BK Black
			16 1.6m					
			14 1.4m					
SLP2 <i>Connected luminaire</i>			10 1.0m					
			05 0.5m					

Example : SLP1-2020E-W930BK

Note: SLP1 is for luminaire with two supports. SLP2 is for luminaire with one support (Need to use with SLP1). LED driver excluded for all models.
The length of the product can be customized as required, the minimum unit is 102mm, and the total length does not exceed 2.2m. Please consult WAC for details

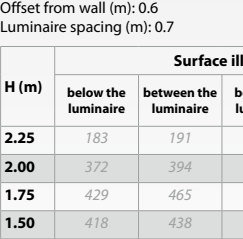
Simulated data SR52WLD12-D-W930

Specifications :
Number of luminaires: n > 5
Wall height (m): 2.5
Angle of tilt: 30°
Offset from wall (m): 0.6
Luminaire spacing (m): 0.8

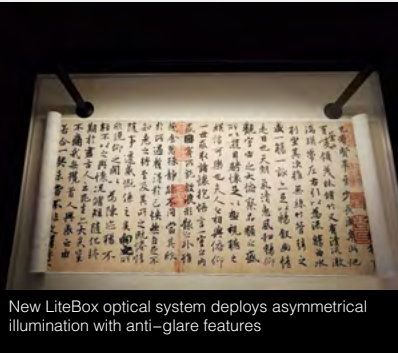
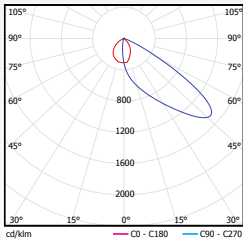


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.25	165	158	168	158	171
2.00	342	320	334	326	330
1.75	388	389	375	390	371
1.50	373	373	363	375	358
1.25	319	317	315	314	312
1.00	256	259	255	264	253
0.75	201	204	202	207	200
0.50	161	162	161	165	160
0.25	138	139	139	141	137

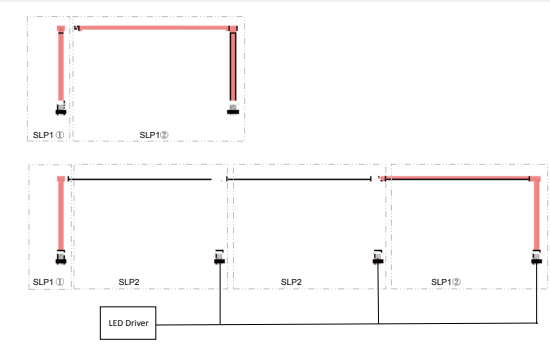
Specifications :
Number of luminaires: n > 5
Wall height (m): 2.5
Angle of tilt: 30°
Offset from wall (m): 0.6
Luminaire spacing (m): 0.7



H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.25	183	191	182	194	185
2.00	372	394	358	407	354
1.75	429	465	409	465	406
1.50	418	438	402	442	398
1.25	360	367	353	369	351
1.00	291	297	289	301	287
0.75	228	232	231	235	228
0.50	182	185	185	186	184
0.25	155	158	157	159	156



New LiteBox optical system deploys asymmetrical illumination with anti-glare features



Assembly instruction, please see Specifications for details.



LEDme® Showcase Luminaires Surface

- Body material: Aluminum
 - Optical system: Lens + Wall Washer system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Angle adjustment accessories
- LED type: SMD
 - LED wattage, LED CCT, lumen output: 10W 3000K 800lm
20W 3000K 1480lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Dimming control: Depends on LED driver(Order separately)
 - Length: 2054mm/1544mm /1031mm /521mm /317mm
 - Net weight: 0.2Kg/m

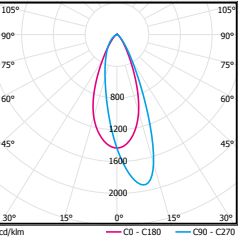


Model	LED Power	System Lumens	Lenght(L)	Driver	Beam	CRI	CCT	Finish
SLS1	10	10W/m	03	T Constant voltage	W Wall Washer	9 90	30 3000K	BK Black
	20	20W/m	05					
			10					
			15					
			20					
		1350lm(@3000K) 800lm(@3000K)	0.317m 0.521m 1.031m 1.544m 2.054m				4000K	

Example : SLS1-1003T-W930BK



Simulated data SLS1-1003T-W930BK



Specifications :
Number of luminaires: n > 5
Wall height (m): 2.5
Angle of tilt: 30°
Offset from wall (m): 0.6
Luminaire spacing (m): 0.8

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.25	165	158	168	158	171
2.00	342	320	334	326	330
1.75	388	389	375	390	371
1.50	373	373	363	375	358
1.25	319	317	315	314	312
1.00	256	259	255	264	253
0.75	201	204	202	207	200
0.50	161	162	161	165	160
0.25	138	139	139	141	137

Specifications :
Number of luminaires: n > 5
Wall height (m): 2.5
Angle of tilt: 30°
Offset from wall (m): 0.6
Luminaire spacing (m): 0.7

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.25	183	191	182	194	185
2.00	372	394	358	407	354
1.75	429	465	409	465	406
1.50	418	438	402	442	398
1.25	360	367	353	369	351
1.00	291	297	289	301	287
0.75	228	232	231	235	228
0.50	182	185	185	186	184
0.25	155	158	157	159	156

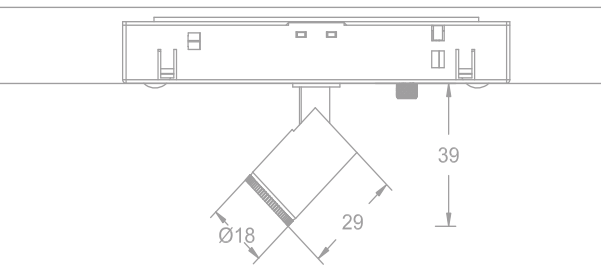
OPTICAL ACCESSORIES		
Model	Anti glare baffle accessories model (to be ordered separately)	Anti glare honeycomb accessory model (to be ordered separately)
SR51WLD06/SR52WLD06	LENS-SR51WLD06-BD	LENS-SR51WLD06-HCM
SR51WLD12/SR52WLD12	LENS-SR51WLD12-BD	LENS-SR51WLD12-HCM
SR51WLD18/SR52WLD18	LENS-SR51WLD18-BD	LENS-SR51WLD18-HCM

Model	Flat clip, order separately	Rotatable clip, standard	Female terminal + wiring, standard	Male terminal + cable, order separately
SLS1	SLS1-C1-BK	SLS1-C3-BK	SLS1-LS1-BK	SLS1-LS2-BK

OCULUX



Zhejiang Museum of Natural History
Anji, Zhejiang Province



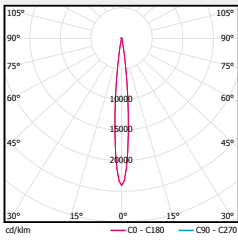
OCULUX Focus Mini Track

- Body material: Aluminum alloy
- Optical system: Lens + SUBROSA®optical system
- Finish: Painted
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Mini track available
- LED type: High Power LED
- LED CCT, lumen output: 3000K 105lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.1Kg

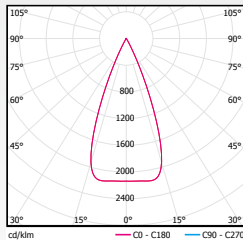
Model	LED	Dimming	System CBCP	Beam	CRI	CCT	Finish
SL45F	LD01 LED 1W	O E On-board ON-OFF*	340cd(@3000K Max)	F 10°-40°	9 90	30 40 3000K 4000K	BK Black

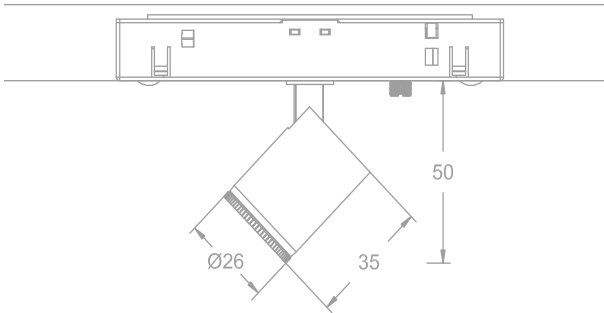
Example : SL45FLD01-O-F930BK
Note : *Dim beautifully with an external driver and/or control system.

SL45FLD01-O-F930 (Min)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	3777.8	0.054	0.054
0.6	944.44	0.108	0.108
1.2	236.11	0.216	0.216
2.4	59.03	0.432	0.432



SL45FLD01-O-F930 (Max)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	866.67	0.234	0.234
0.6	216.67	0.468	0.468
1.2	54.17	0.936	0.936
2.4	13.54	1.872	1.872





OCULUX Focus Mini Track

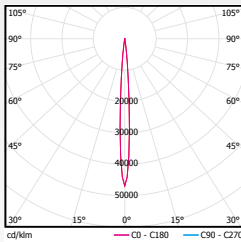
- Body material: Aluminum alloy
- Optical system: Lens + SUBROSA®optical system
- Finish: Painted
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Mini track available
- LED type: High Power LED
- LED CCT, lumen output: 3000K 250lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.1Kg



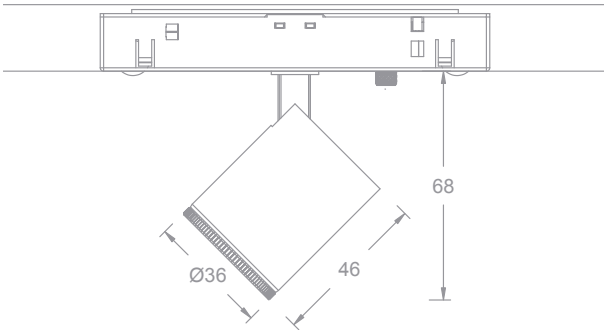
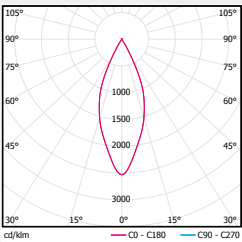
Model	LED	Dimming	System CBCP	Beam	CRI	CCT	Finish
SL46F	LD03 LED 3W	O E On-board ON-OFF*	2069cd(@3000K Max)	F 6°-40°	9 90	30 40 3000K 4000K	BK Black
				F 8°-40°	A 97		

Example : SL46FLD03-O-F930BK
Note: **Dims beautifully with an external driver and/or control system.

SL46FLD03-O-F930 (Min)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	22988.89	0.036	0.036
0.6	5747.22	0.072	0.072
1.2	1436.81	0.144	0.144
2.4	359.2	0.288	0.288



SL46FLD03-O-F930 (Max)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	386.67	0.21	0.21
0.6	966.67	0.42	0.42
1.2	241.67	0.84	0.84
2.4	60.42	1.68	1.68



OCULUX Focus Mini Track

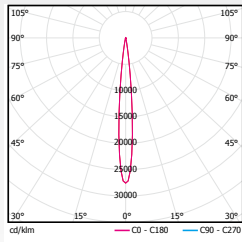
- Body material: Aluminum alloy
- Optical system: Lens + SUBROSA®optical system
- Finish: Painted
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Mini track available
- LED type: High Power LED
- LED CCT, lumen output: 3000K 480lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Net weight: 0.1Kg



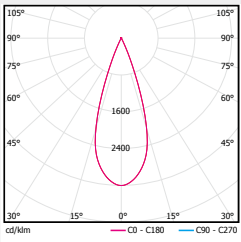
Model	LED	Dimming	System CBCP	Beam	CRI	CCT	Finish
SL47F	LD05 LED 5W	O E On-board ON-OFF*	1599cd(@3000K Max)	F 8°-40°	9 90	30 40 3000K 4000K	BK Black

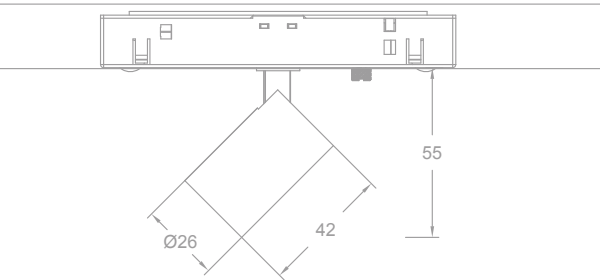
Example : SL47FLD05-O-F930BK
Note: **Dims beautifully with an external driver and/or control system.

SL47FLD05-O-F930 (Min)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	17766.67	0.054	0.054
0.6	4441.67	0.108	0.108
1.2	1110.42	0.216	0.216
2.4	277.6	0.432	0.432



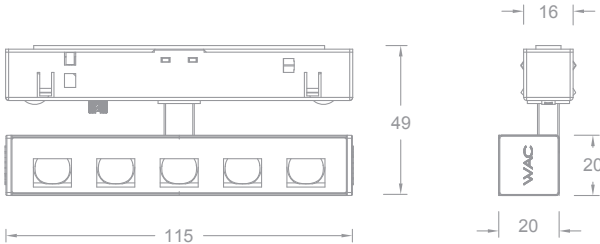
SL47FLD05-O-F930 (Max)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	5955.56	0.192	0.192
0.6	1488.89	0.384	0.384
1.2	372.22	0.768	0.768
2.4	93.09	1.536	1.536





OCULUX Wall Washer Mini Track

- Body material: Aluminum alloy
 - Optical system: Dual optical system
 - Finish: Painted
 - Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Mini track available
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 250lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 0.08Kg



OCULUX Wall Washer Mini Track

- Body material: Aluminum alloy
 - Optical system: Lens
 - Finish: Painted
 - Adjustable angle: 0°-360° horizontal rotation and 0°-90° vertical aiming tilt
 - Accessories/Brackets: Mini track available
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 480lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Net weight: 0.1Kg



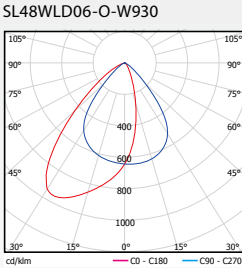
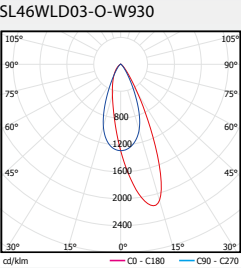
Model	LED	Dimming	Beam	CRI	CCT	Finish
SL46W	LD03 LED 3W	O E On-board ON-OFF*	W Wall Washer	9 A 90 97	30 40 3000K 4000K	BK Black

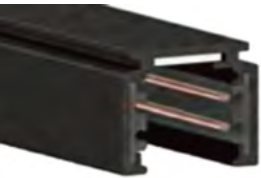
Example : SL46WLD03-O-W930BK
Note : **Dims beautifully with an external driver and/or control system.



Model	LED	Dimming	Beam	CRI	CCT	Finish
SL48W	LD06 LED 6W	O E On-board ON-OFF*	W Wall Washer	9 90	30 40 3000K 4000K	BK Black

Example : SL48WLD06-O-W930BK
Note : **Dims beautifully with an external driver and/or control system.

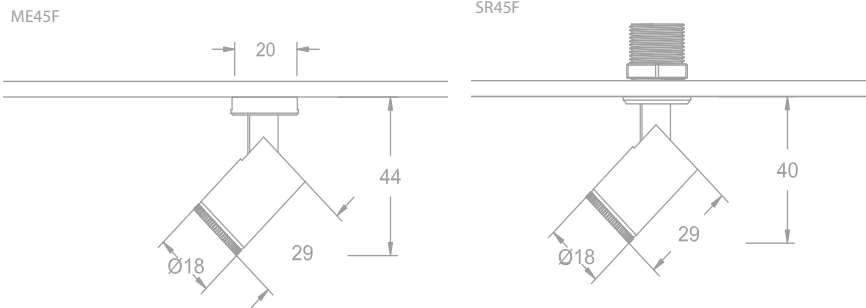




MINI TRACK	
Model	Length
MT1M-BK-C	1m
MT2M-BK-C	2m
MT3M-BK-C	3m
Surface mounted track. Track offers two end caps. If need suspended mounted track, please contact WAC.	



STRAIGHT LINE POWER CONNECTOR	
Model	
MLE-BK-C	



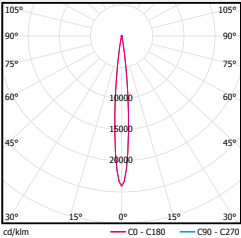
OCULUX Focus Ceiling mounted

- Body material: Aluminum alloy
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Painted
 - Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Cutout: Ø17mm for SR45F(ceiling thickness 1-15mm)
Magnetic mounted for ME45F
 - LED type: High Power LED
 - LED CCT, lumen output: 3000K 250lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Input : Constant Current 350mA(3V DC)
 - Dimming Control: Depends on LED driver(Order Separately)
 - Net weight: 0.1Kg

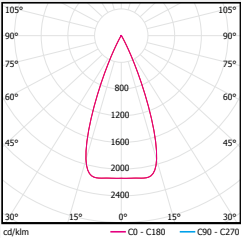
Model	LED	Driver	System CBCP	Beam	CRI	CCT	Finish
ME45F SR45F	LD01 LED 1W	M MTB Driver N Single Wire	2069cd(@3000K Max)	F 10°-40°	9 90	30 3000K 40 4000K	BK Black

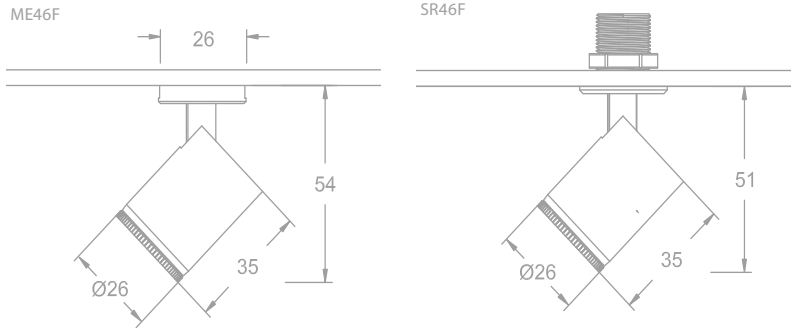
Example : ME45FLD01-M-F930BK

ME45FLD01-M-F930 (Min)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	377.78	0.054	0.054
0.6	944.44	0.108	0.108
1.2	236.11	0.216	0.216
2.4	59.03	0.432	0.432



ME45FLD01-M-F930 (Max)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	866.67	0.234	0.234
0.6	216.67	0.468	0.468
1.2	54.17	0.936	0.936
2.4	13.54	1.872	1.872





OCULUX Focus Ceiling mounted

- Body material: Aluminum alloy
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Painted
 - Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Cutout: Ø17mm for SR46F(ceiling thickness 1-15mm)
Magnetic mounted for ME46F
 - LED type: High Power LED
 - LED CCT, lumen output: 3000K 250lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Input : Constant Current 1000mA(3V DC)
 - Dimming Control: Depends on LED driver(Order Separately)
 - Net weight: 0.1Kg

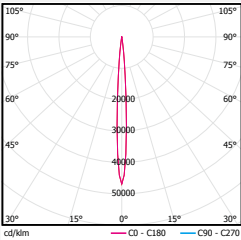
Model	LED	Driver	System CBCP	Beam	CRI	CCT	Finish
ME46F SR46F	LD03 LED 3W	M N MTB Driver Single Wire	2069cd(@3000K Max)	F 6°-40°	9 90	30 40 3000K 4000K	BK Black
				F 8°-40°	A 97		

Example : ME46FLD03-M-F930BK

ME46FLD03-M-F930 (Min)

0° Aiming Angle

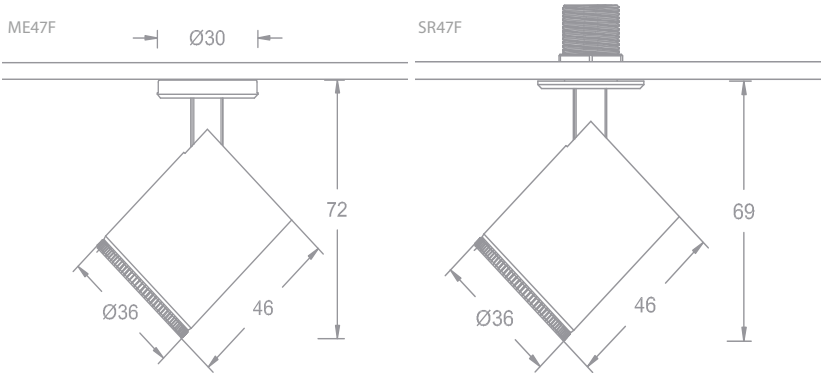
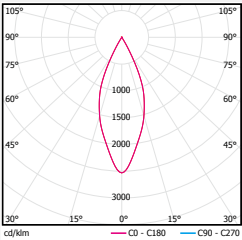
D(M)	LUX	W	L
0.3	22988.89	0.036	0.036
0.6	5747.22	0.072	0.072
1.2	1436.81	0.144	0.144
2.4	359.2	0.288	0.288



ME46FLD03-M-F930 (Max)

0° Aiming Angle

D(M)	LUX	W	L
0.3	386.67	0.21	0.21
0.6	966.67	0.42	0.42
1.2	241.67	0.84	0.84
2.4	60.42	1.68	1.68



OCULUX Focus Ceiling mounted

- Body material: Aluminum alloy
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Painted
 - Adjustable angle: 0°-360° horizontal rotation and 0°-90° vertical aiming tilt
- Cutout: Ø18mm for SR46F(ceiling thickness 1-16mm)
Magnetic mounted for ME46F
 - LED type: High Power LED
 - LED CCT, lumen output: 3000K 250lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 1.5 SDCM
 - Input : Constant Current 400mA(12V DC)
 - Dimming Control: Depends on LED driver(Order Separately)
 - Net weight: 0.1Kg

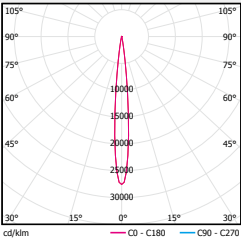
Model	LED	Driver	System CBCP	Beam	CRI	CCT	Finish
ME47F SR47F	LD05 LED 5W	M N MTB Driver Single Wire	1599cd(@3000K Max)	F 8°-40°	9 90	30 40 3000K 4000K	BK Black

Example : ME47FLD05-M-F930BK

ME47FLD05-M-F930 (Min)

0° Aiming Angle

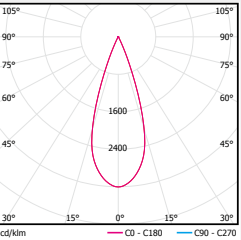
D(M)	LUX	W	L
0.3	17766.67	0.054	0.054
0.6	4441.67	0.108	0.108
1.2	1110.42	0.216	0.216
2.4	277.6	0.432	0.432

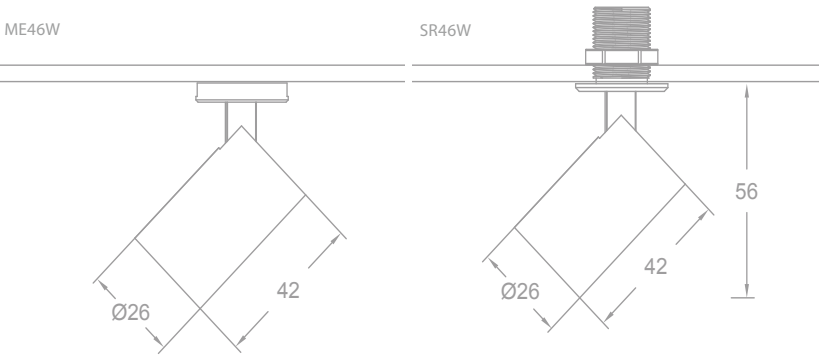


ME47FLD05-M-F930 (Max)

0° Aiming Angle

D(M)	LUX	W	L
0.3	5955.56	0.192	0.192
0.6	1488.89	0.384	0.384
1.2	372.22	0.768	0.768
2.4	93.09	1.536	1.536



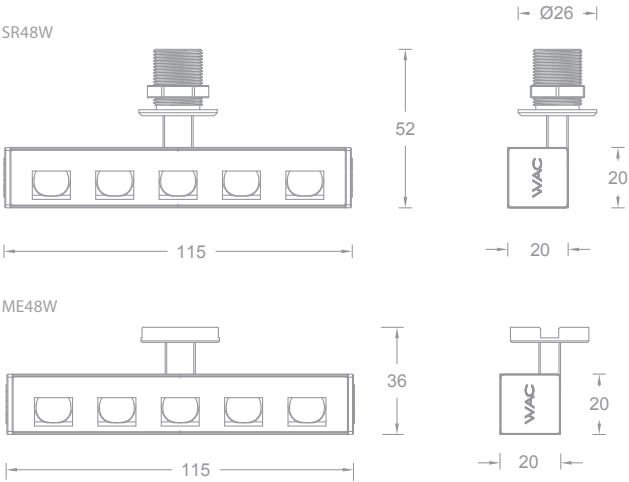
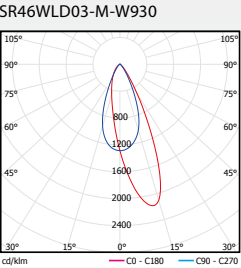


OCULUX Wall Washer Ceiling mounted

- Body material: Aluminum alloy
- Optical system: optical system
- Finish: Painted
- Adjustable angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Cutout: Ø17mm for SR46W(ceiling thickness 1-15mm)
- Magnetic mounted for ME46WLED type: High Power LED
- LED CCT, lumen output: 3000K 250lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Input : Constant Current 1000mA(3V DC)
- Dimming Control: Depends on LED driver(Order Separately)
- Net weight: 0.1Kg

Model	LED	Driver	Beam	CRI	CCT	Finish
ME46W SR46W	LD03 LED 3W	M N MTB Driver Single Wire	W Wall Washer	9 A 90 97	30 40 3000K 4000K	BK Black

Example : ME46WLD03-M-W930BK

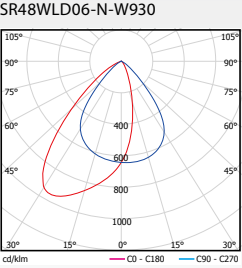


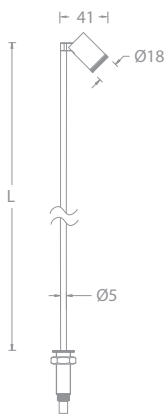
OCULUX Wall Washer Ceiling mounted

- Body material: Aluminum alloy
- Optical system: Lens
- Finish: Painted
- Adjustable angle: 0°-360° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Mini track available
- Cutout: Ø17mm for SR48F(ceiling thickness 1-15mm)
- Magnetic mounted for ME48F
- LED type: High Power LED
- LED CCT, lumen output: 3000K 600lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Input : Constant Current 400mA(15V DC)
- Dimming Control: Depends on LED driver(Order Separately)
- Net weight: 0.1Kg

Model	LED	Dimming	Beam	CRI	CCT	Finish
ME48W SR48W	LD06 LED 6W	M N MTB Driver Single Wire	W Wall Washer	9 90	30 40 3000K 4000K	BK Black

Example : SR48WLD06-N-W930BK





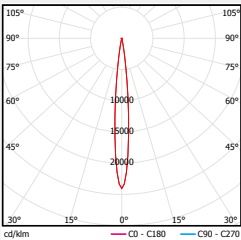
OCULUX Focus Vertically mounted

- Body material: Aluminum alloy
- Optical system: Lens + SUBROSA®optical system
- Finish: Painted
- Adjustable angle: 0°-360° horizontal rotation and 0°-90° vertical aiming tilt
- Cutout: Ø13mm
- Applicable thickness: 1-30mm
- Height: 20-400mm adjustable
- LED type: High Power LED
- LED CCT, lumen output: 3000K 250lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Input : Constant Current 350mA(3V DC)
- Dimming Control: Depends on LED driver(Order Separately)
- Net weight: 0.1Kg

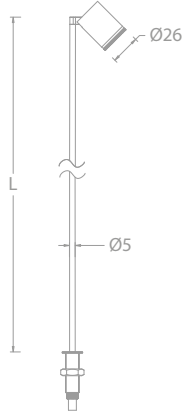
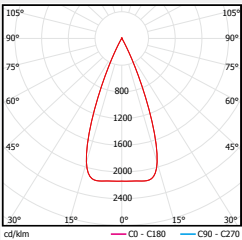
Model	LED	Driver	System CBCP	Beam	CRI	CCT	Finish
PL45F	LD01 LED 1W	M N MTB Driver Single Wire	2069cd(@3000K Max)	F 10°-40°	9 90	30 40 3000K 4000K	BK Black

Example : PL45FLD01-M-F930BK

PL45FLD01-M-F930 (Min)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	377.78	0.054	0.054
0.6	944.44	0.108	0.108
1.2	236.11	0.216	0.216
2.4	59.03	0.432	0.432



PL45FLD01-M-F930 (Max)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	866.67	0.234	0.234
0.6	216.67	0.468	0.468
1.2	54.17	0.936	0.936
2.4	13.54	1.872	1.872



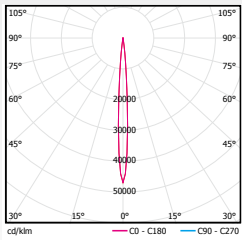
OCULUX Focus Vertically mounted

- Body material: Aluminum alloy
- Optical system: Lens + SUBROSA®optical system
- Finish: Painted
- Adjustable angle: 0°-360° horizontal rotation and 0°-90° vertical aiming tilt
- Cutout: Ø13mm
- Applicable thickness: 1-30mm
- Height: 20-400mm adjustable
- LED type: High Power LED
- LED CCT, lumen output: 3000K 250lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 1.5 SDCM
- Input : Constant Current 1050mA(3V DC)
- Dimming Control: Depends on LED driver(Order Separately)
- Net weight: 0.1Kg

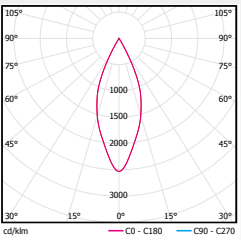
Model	LED	Driver	System CBCP	Beam	CRI	CCT	Finish
PL46F	LD03 LED 3W	M N MTB Driver Single Wire	2069cd(@3000K Max)	F 6°-40°	9 90	30 40 3000K 4000K	BK Black
				F 8°-40°	A 97		

Example : PL46FLD03-M-F930BK

PL46FLD03-M-F930 (Min)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	22988.89	0.036	0.036
0.6	5747.22	0.072	0.072
1.2	1436.81	0.144	0.144
2.4	359.2	0.288	0.288



PL46FLD03-M-F930 (Max)			
0° Aiming Angle			
D(M)	LUX	W	L
0.3	386.67	0.21	0.21
0.6	966.67	0.42	0.42
1.2	241.67	0.84	0.84
2.4	60.42	1.68	1.68



VIVISTAR

VIVISTAR

The VIVISTAR optical fiber system is suitable for museum showcase lighting applications. It illuminates museum specimens and cultural relics while providing a safe environment without heat. The system combines the characteristics of fiber optics with the latest energy efficient LED technology at a high color rendition of Ra97.

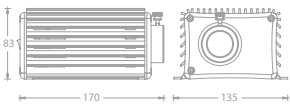
National Museum of Classic Books
Beijing

Fiber optic lighting system

Fiber optic lighting system includes generator, cable, bar and luminaire.



- Diminutively designed mechanical system
- Excellent thermal performance to protect the LEDs and extend their rated life
- Fiber optical system
- LED power: 23.6W
- 3000K, Ra97
- LED light source, energy efficient without IR/UV rays
- On-board Dimming(0-10V available also)



Model	CCT	Finish
FO-I01LED	30	3000K
		BK Black

Example : FO-I01LED-30-BK-C

Fiber optic cable

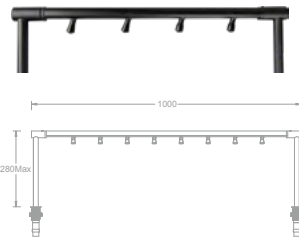


- Can be customized accordingly
- Diameter 2mm / 3mm / 4mm / 10mm
- Different number of roots
- Different lengths
- 1/8 random distribution technology

Material	Diameter
Professional light guided cable	2mm/3mm/4mm/10mm

The length is customized

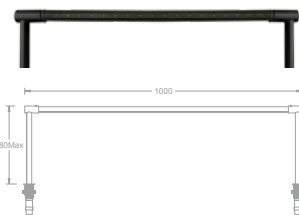
Optical fiber bar



- Aluminum body, matte black finish
- The support bar utilizes premium optical fiber
- Both ends of the light
- Suitable for Φ10 diameter fiber
- 8 per meter with heads out

Model	Length & Beam	Finish
FO-BP01D Rotation range:360° Hole Size:25mm	1001	1000mm , 10°
	1002	1000mm , 25°
	1003	1000mm , 40°
		BK Black

Example : FO-BP01D-1001-BK

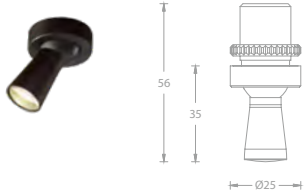


- Aluminum body, matte black finish
- The support bar utilizes premium optical fiber
- Both ends of the light
- Suitable for Φ10mm diameter fiber optic cable
- 44 per meter of the light point

Model	Length	Finish
FO-B01D Rotation range:360° Hole Size:25mm	1000 1000mm	BK Black

Example :FO-B01D-1000-BK

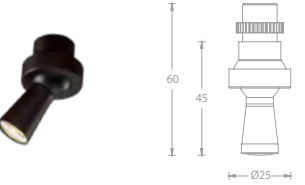
Luminaire head



- Aluminum, matte black finish
- Optical lens
- Applicable to Φ2mm, Φ3mm and Φ4mm diameter optical fiber

Model	Beam	Finish
FO-H01 Rotation: 60° Cutout:20mm	N	10°-25°
	F1	25°-32°
	F2	32°-40°
		BK Black

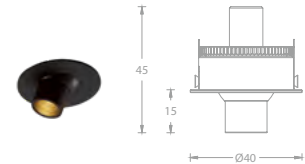
Example :FO-H01-N-BK-C



- Aluminum, matte black finish
- Optical lens
- Applicable to Φ2mm, Φ3mm and Φ4mm diameter fiber optic cable

Model	Beam	Finish
FO-H02 Rotation: 60° Cutout:15mm	N	10°-25°
	F1	25°-32°
	F2	32°-40°
		BK Black

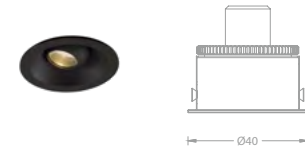
Example :FO-H02-N-BK-C



- Aluminum, matte black finish
- Optical lens
- Applicable to Φ2mm, Φ3mm and Φ4mm diameter fiber optic cable

Model	Beam	Finish
FO-H03 Rotation range:40° Cutout:37mm	10	10°
	25	25°
	40	40°
		BK Black

Example :FO-H03-10-BK-C



- Aluminum, matte black finish
- Optical lens
- Suitable for Φ2mm, Φ3mm and Φ4mm diameter fiber optic cable

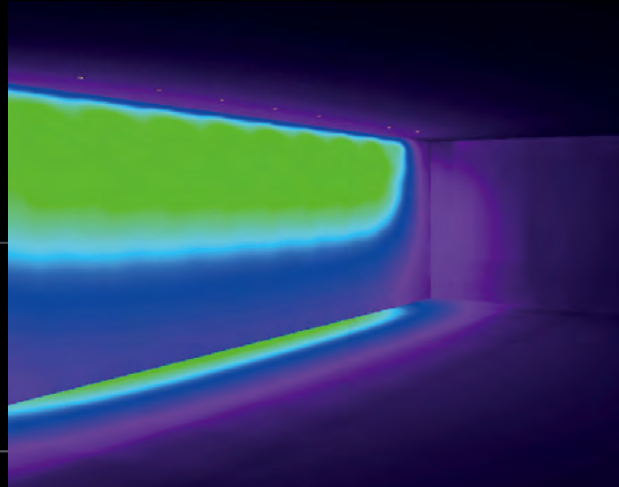
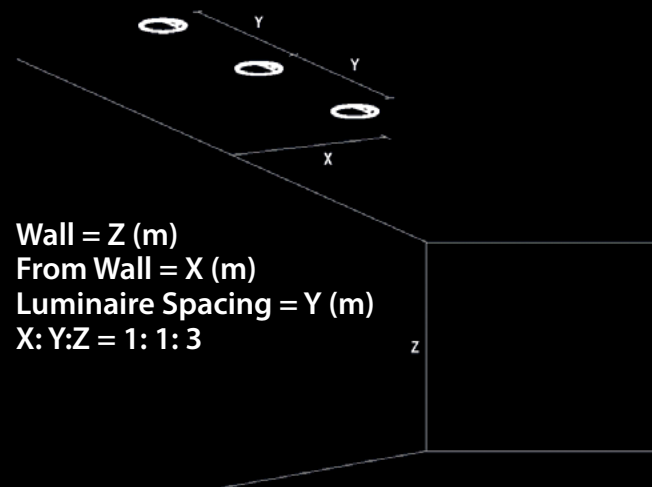
Model	Beam	Finish
FO-H04 Rotation range:40° Cutout:37mm	10	10°
	25	25°
	40	40°
		BK Black

Example :FO-H04-10-BK-C

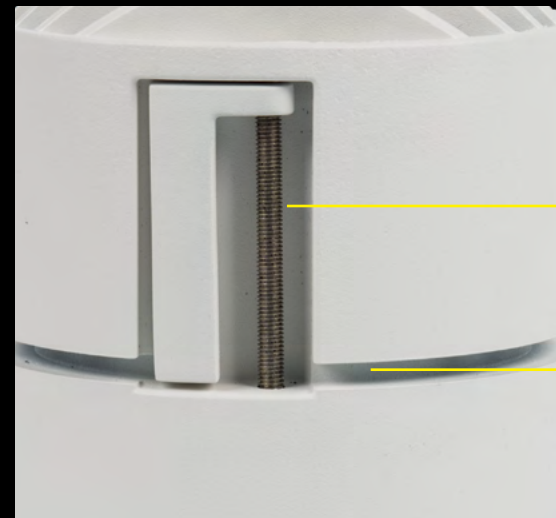


Nantong Grand Theater
Nantong, Jiangsu Province

PLANA Pro



Die-cast aluminum body



Rotary-screw installation
safe for ceilings

Unique flow-guided slot design
provides better heat dissipation
performance

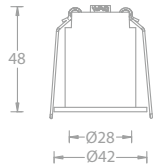


LiteBrush® optical system



SUBROSA® optical system





PLANA Pro

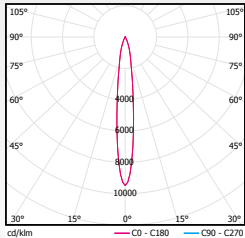
- Body material: Die-cast aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: Ø36mm
- Ceiling thickness: 1mm-25mm
- Cut off angle: 35°
- LED type: High Power LED
- LED CCT, lumen output: 3000K 220lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM (4000K 5 SDCM)
- Net weight: 0.15Kg



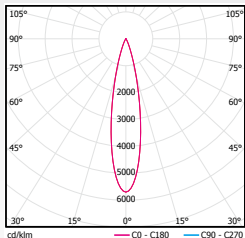
Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DLP <i>Downlight P series</i>	1 1"	3 Round Trim	LD02 LED 2W	134lm(@2W 3000K 12°) 152lm(@2W 3000K 22°) 119lm(@2W 3000K 30°)	E N ON-OFF No Driver	27 2700K 30 3000K 40 4000K	1 13° 2 22° 3 35°	B S Black Specular	WT White

Example: DLP13-LD02E-302BWT

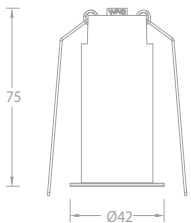
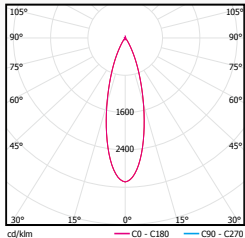
DLP13-LD02E-301SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	1597	0.2	0.2
2	399	0.5	0.5
3	177	0.7	0.7
4	100	0.9	0.9



DLP13-LD02E-302SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	887	0.4	0.4
2	222	0.8	0.8
3	99	1.2	1.2
4	55	1.6	1.6

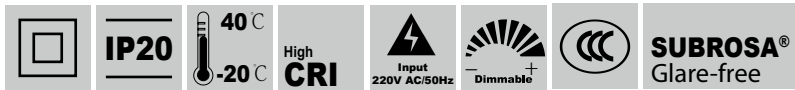


DLP13-LD02E-303SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	284	0.6	0.6
2	71	1.3	1.3
3	32	1.9	1.9
4	18	2.5	2.5



PLANA Pro

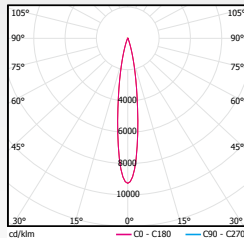
- Body material: Die-cast aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: Ø36mm
- Ceiling thickness: 1mm-25mm
- Cut off angle: 30°
- LED type: COB
- LED CCT, lumen output: 3000K 600lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM (4000K 5 SDCM)
- Net weight: 0.2Kg



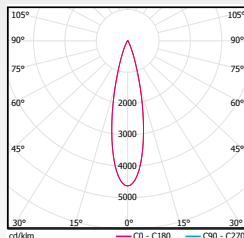
Model	Size	Trim	LED Power	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
DLP <i>Downlight P series</i>	1 1"	3 Round Trim	LD06 COB 6W	352lm(@6W 3000K 15°) 442lm(@6W 3000K 24°) 449lm(@6W 3000K 36°)	E D N ON-OFF 0-10V Dimming No Driver	1 15° 2 24° 3 36°	27 2700K 30 3000K 40 4000K	B S Black Specular	WT White

Example: DLP13-LD06D-230BWT

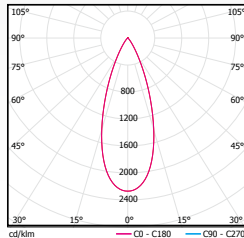
DLP13-LD06D-130BWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	3262	0.27	0.27
2	816	0.54	0.54
3	362	0.81	0.81
4	204	1.08	1.08

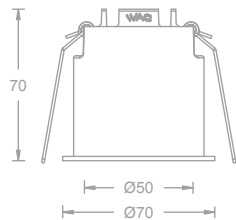


DLP13-LD06D-230BWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	2043	0.43	0.43
2	511	0.86	0.86
3	227	1.29	1.29
4	128	1.72	1.72



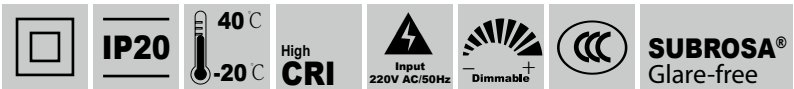
DLP13-LD06D-330BWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	1020	0.67	0.67
2	255	1.34	1.34
3	113	2.01	2.01
4	64	2.68	2.68





PLANA Pro

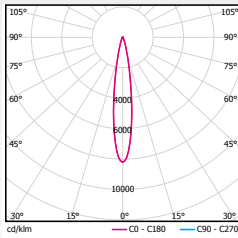
- Body material: Die-cast aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: Ø63mm
- Ceiling thickness: 1mm-25mm
- Cut off angle: 35°
- LED type: High Power LED
- LED CCT, lumen output: 3000K 800lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM (4000K 5 SDCM)
- Net weight: 0.45Kg



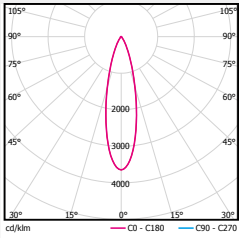
Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DLP <i>Downlight P series</i>	2 2"	3 Round Trim	LD08 LED 8W	546lm(@8W 3000K 15°) 554lm(@8W 3000K 24°) 542lm(@8W 3000K 36°)	E ON-OFF D 0-10V Dimming N No Driver	27 2700K	1 15°	B Black S Specular	WT White
						30 3000K	2 24°		
						40 4000K	3 36°		
							4 48°		

Example: DLP23-LD08E-302BWT

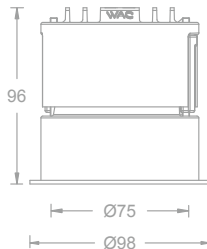
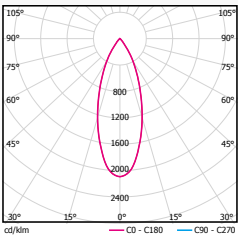
DLP23-LD08E-301SWT				
0° Aiming Angle				
D(m)	LUX	w	l	
1	4687	0.3	0.3	
2	1172	0.5	0.5	
3	521	0.8	0.8	
4	293	1.1	1.1	



DLP23-LD08E-302SWT				
0° Aiming Angle				
D(m)	LUX	w	l	
1	3036	0.4	0.4	
2	759	0.9	0.9	
3	337	1.3	1.3	
4	190	1.7	1.7	

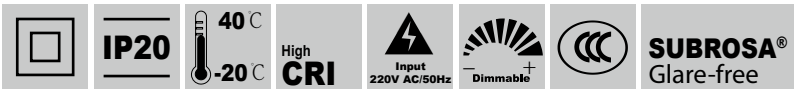


DLP23-LD08E-303SWT				
0° Aiming Angle				
D(m)	LUX	w	l	
1	1179	0.6	0.6	
2	295	1.3	1.3	
3	131	1.9	1.9	
4	74	2.6	2.6	



PLANA Pro

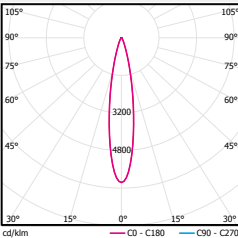
- Body material: Die-cast aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: Ø93mm
- Ceiling thickness: 1mm-40mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 13W 3000K 1463lm
18W 3000K 1971lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.0Kg



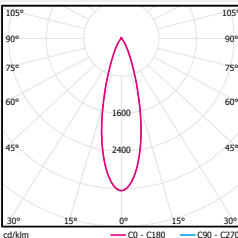
Model	Size	Trim	LED	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish					
DLP Downlight P series	3	3"	3	Round Trim	LM13 COB 13W LM18 COB 18W	844lm(@13W 3000K 18°) 881lm(@13W 3000K 28°) 1015lm(@13W 3000K 36°) 886lm(@13W 3000K 45°) 943lm(@13W 3000K 58°)	E D	ON-OFF 0-10V Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	1 18° 2 28° 3 38° 4 48° 5 58°	B S	Black Specular	WT	White
					LM18 COB 18W	1047lm(@18W 3000K 18°) 1084lm(@18W 3000K 28°) 1241lm(@18W 3000K 36°) 1096lm(@18W 3000K 45°) 1204lm(@18W 3000K 58°)	N	No Driver						

Example: DLP33-LM18E-302BWT

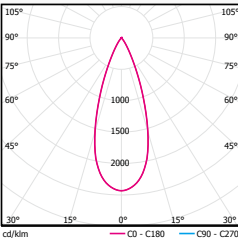
DLP33-LM18E-301SWT				
0° Aiming Angle				
D(m)	LUX	w	l	
1	6468	0.3	0.3	
2	1617	0.6	0.6	
3	719	1.0	1.0	
4	404	1.3	1.3	



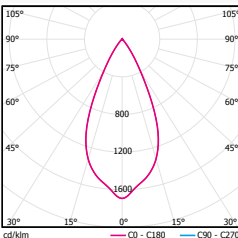
DLP33-LM18E-302SWT				
0° Aiming Angle				
D(m)	LUX	w	l	
1	3518	0.5	0.5	
2	880	1.0	1.0	
3	391	1.5	1.5	
4	220	2.0	2.0	

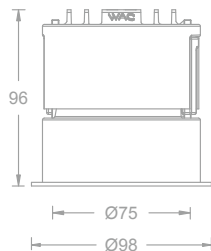


DLP33-LM18E-303SWT				
0° Aiming Angle				
D(m)	LUX	w	l	
1	3028	0.7	0.7	
2	757	1.4	1.4	
3	336	2.1	2.1	
4	189	2.8	2.8	



DLP33-LM18E-304SWT				
0° Aiming Angle				
D(m)	LUX	w	l	
1	1861	0.9	0.9	
2	465	1.8	1.8	
3	207	2.7	2.7	
4	116	3.6	3.6	



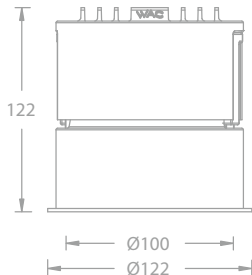


PLANA Pro

- Body material: Die-cast aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: Ø93mm
- Ceiling thickness: 1mm-35mm
- Cut off angle: 35°
- LED type: RGBW 4in1
- LED wattage, CCT: 14W RGBW
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.0Kg

Model	Size	Trim	LED	Driver	CCT	Beam Angle	Reflector	Finish
DLP <i>Downlight P series</i>	3 3"	3 Round Trim	LM14 14W	M DMX512 Dimming 24V DC Power Supply	F3 RGBW(3000K)	4 40° 6 60°	B Black	WT White BK Black

Example: DLP33-LM14M-F34BWT



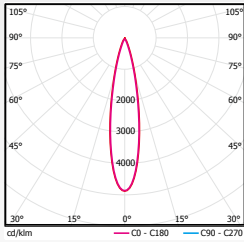
PLANA Pro

- Body material: Die-cast aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: Ø116mm
- Ceiling thickness: 1mm-40mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 18W 3000K 2300lm
25W 3000K 3100lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.45Kg

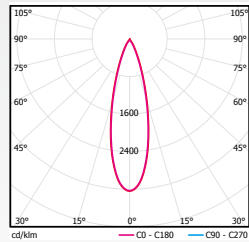
Model	Size	Trim	LED	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DLP <i>Downlight P series</i>	4 4"	3 Round Trim	LM18 COB 18W LM25 COB 25W	1567lm(@18W 3000K 20°) 1446lm(@18W 3000K 30°) 1495lm(@18W 3000K 40°) 1784lm(@18W 3000K 50°) 1706lm(@18W 3000K 60°) 2106lm(@25W 3000K 20°) 1921lm(@25W 3000K 30°) 1981lm(@25W 3000K 40°) 2348lm(@25W 3000K 50°) 2274lm(@25W 3000K 60°)	E D ON-OFF 0-10V Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	2 20° 3 30° 4 40° 5 50° 6 60°	B Black S Specular	WT White
			LM25 COB 25W		N No Driver				

Example: DLP43-LM18E-302BWT

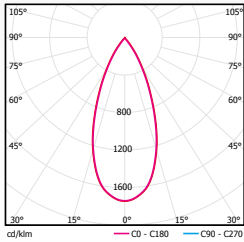
DLP43-LM25E-302SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	10365	0.4	0.4
2	2591	0.7	0.7
3	1152	1.1	1.1
4	648	1.4	1.4



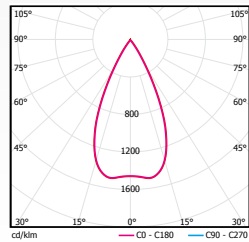
DLP43-LM25E-303SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	6253	0.5	0.5
2	1563	1.1	1.1
3	695	1.6	1.6
4	391	2.1	2.1

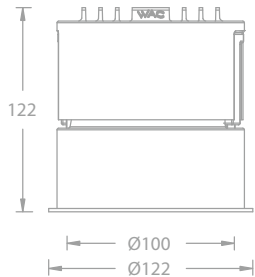


DLP43-LM25E-304SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	3464	0.7	0.7
2	866	1.5	1.5
3	385	2.2	2.2
4	217	2.9	2.9



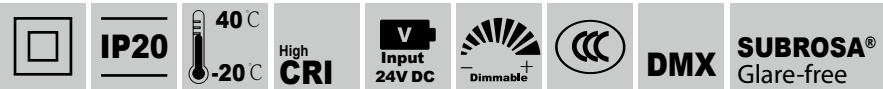
DLP43-LM25E-305SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	3581	0.9	0.9
2	895	1.9	1.9
3	398	2.8	2.8
4	224	3.7	3.7





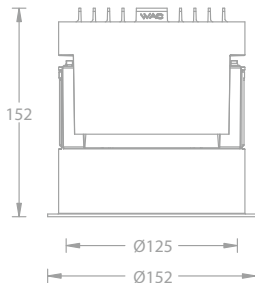
PLANA Pro

- Body material: Die-cast aluminum
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Environmentally safe powder coat
- Cutout: Ø116mm
 - Ceiling thickness: 1mm-35mm
 - Cut off angle: 35°
 - LED type: RGBW 4in1
 - LED wattage, CCT: 24W RGBW
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.45Kg



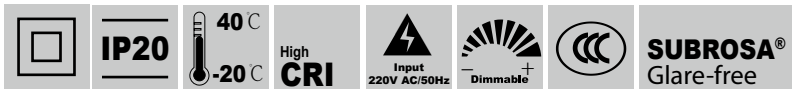
Model	Size	Trim	LED	Driver	CCT	Beam Angle	Reflector	Finish
DLP <i>Downlight P series</i>	4 4"	3 Round Trim	LD24 24W	M DMX512 Dimming 24V DC Power Supply	F3 RGBW(3000K)	4 40° 6 60°	B Black	WT White BK Black

Example: DLP43-LD24M-F34BWT



PLANA Pro

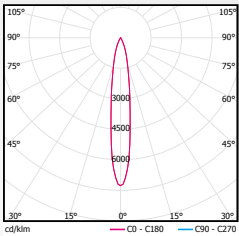
- Body material: Die-cast aluminum
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Environmentally safe powder coat
- Cutout: Ø140mm
 - Ceiling thickness: 1mm-40mm
 - Cut off angle: 35°
 - LED type: COB
 - LED wattage, CCT, lumen output: 32W 3000K 3830lm
40W 3000K 4500lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.2Kg



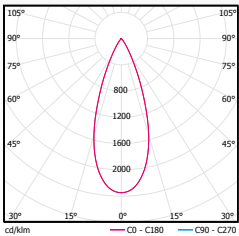
Model	Size	Trim	LED	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DLP <i>Downlight P series</i>	5 5"	3 Round Trim	LM32 COB 32W LM40 COB 40W	3017lm(@32W 3000K 15°) 2885lm(@32W 3000K 24°) 2950lm(@32W 3000K 36°) 3688lm(@40W 3000K 15°) 3526lm(@40W 3000K 24°) 3605lm(@40W 3000K 36°)	E D ON-OFF 0-10V Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	1 15° 2 24° 3 36°	B S Black Specular	WT White
			LM40 COB 40W		N No Driver				

Example: DLP53-LM32E-302BWT

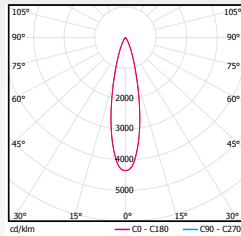
DLP53-LM40E-301SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	26804	0.26	0.26
2	6701	0.52	0.52
3	2978	0.78	0.78
4	1675	1.04	1.04

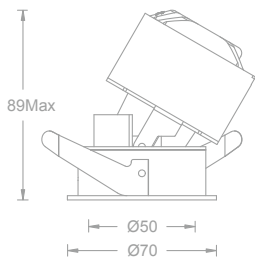


DLP53-LM40E-303SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	8463	0.68	0.68
2	2116	1.36	1.36
3	940	2.04	2.04
4	529	2.72	2.72



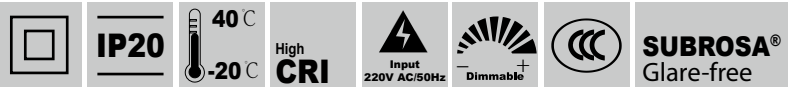
DLP53-LM40E-302SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	15330	0.43	0.43
2	3833	0.86	0.86
3	1703	1.29	1.29
4	958	1.72	1.72





PLANA Pro

- Body material: Die-cast aluminum
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: Ø63mm
 - Ceiling thickness: 6mm-16mm
 - Cut off angle: 35°
 - LED type: High Power LED
 - LED wattage, CCT, lumen output: 3000K 800lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM (4000K 5 SDCM)
 - Net weight: 0.45Kg

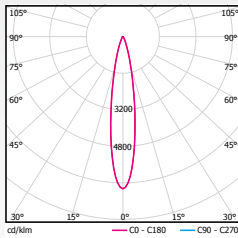


Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DDP <i>Downlight</i> <i>Directional P series</i>	2 2"	1 Round Trim	LD08 LED 8W	436lm(@8W 3000K 15°) 438lm(@8W 3000K 24°) 437lm(@8W 3000K 36°)	E ON-OFF D 0-10V Dimming N No Driver	27 2700K 30 3000K 40 4000K	1 15° 2 24° 3 36°	B Black S Specular	WT White

Example: DDP21-LD08E-302BWT

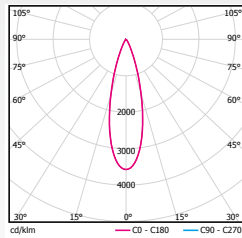
DDP21-LD08E-301SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	5155	0.3	0.3	
2	1289	0.5	0.5	
3	573	0.8	0.8	
4	322	1.1	1.1	



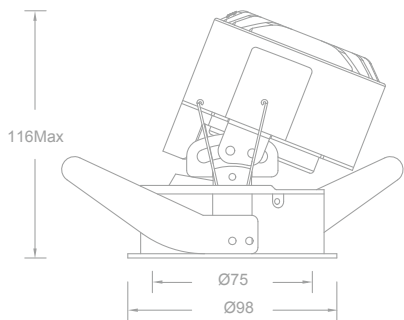
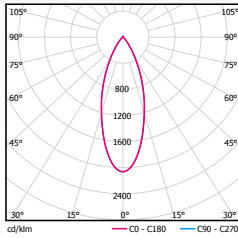
DDP21-LD08E-302SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	3150	0.4	0.4	
2	788	0.9	0.9	
3	350	1.3	1.3	
4	197	1.7	1.7	



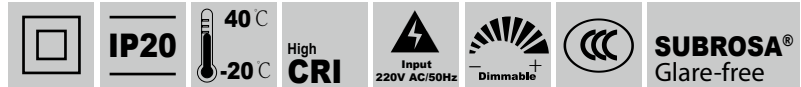
DDP21-LD08E-303SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	1310	0.6	0.6	
2	328	1.3	1.3	
3	146	1.9	1.9	
4	82	2.6	2.6	



PLANA Pro

- Body material: Die-cast aluminum
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: Ø93mm
 - Ceiling thickness: 1mm-25mm
 - Cut off angle: 35°
 - LED type: COB
 - LED wattage, CCT, lumen output: 13W 3000K 1463lm
18W 3000K 1971lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.0Kg

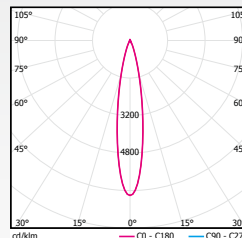


Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish					
DDP Downlight Directional P series	3	3"	1	Round Trim	LM13 COB 13W LM18 COB 18W	815lm(@13W 3000K 18°) 830lm(@13W 3000K 28°) 958lm(@13W 3000K 36°) 919lm(@13W 3000K 45°) 915lm(@13W 3000K 58°)	E D	ON-OFF 0-10V Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	1 18° 2 28° 3 38° 4 48° 5 58°	B S	Black Specular	WT	White
					LM18 COB 18W	1101lm(@18W 3000K 18°) 1113lm(@18W 3000K 28°) 1260lm(@18W 3000K 36°) 1242lm(@18W 3000K 45°) 1251lm(@18W 3000K 58°)	N	No Driver						

Example: DDP31-LM18E-302BWT

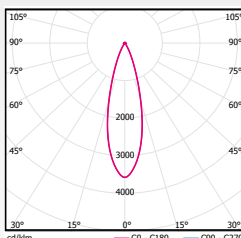
DDP31-LM18E-301SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	7398	0.3	0.3	
2	1850	0.6	0.6	
3	822	1.0	1.0	
4	462	1.3	1.3	



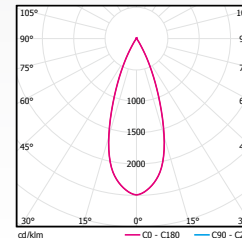
DDP31-LM18E-302SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	3996	0.5	0.5	
2	999	1.0	1.0	
3	444	1.5	1.5	
4	250	2.0	2.0	



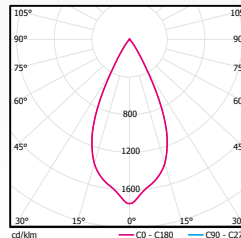
DDP31-LM18E-303SWT

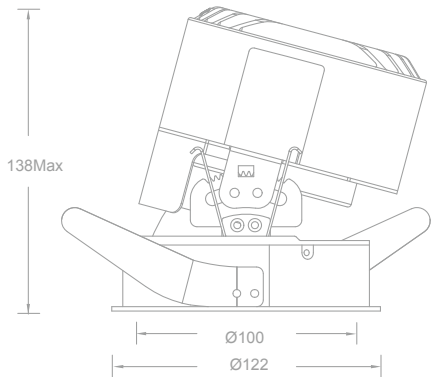
0° Aiming Angle				
D(m)	LUX	w	I	
1	3200	0.7	0.7	
2	800	1.4	1.4	
3	356	2.1	2.1	
4	200	2.8	2.8	



DDP31-LM18E-304SWT

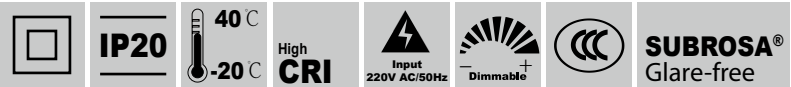
0° Aiming Angle				
D(m)	LUX	w	I	
1	2196	0.9	0.9	
2	549	1.8	1.8	
3	244	2.7	2.7	
4	137	3.6	3.6	





PLANA Pro

- Body material: Die-cast aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: Ø116mm
- Ceiling thickness: 1mm-25mm
- Cut off angle: 35°
- LED wattage, CCT, lumen output: 18W 3000K 2300lm
25W 3000K 3100lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.45Kg

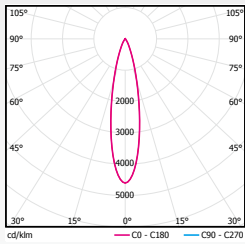


Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Relector	Finish							
DDP Downlight Directional P series	4	4"	1	Round Trim	E D	ON-OFF 0-10V Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	2 20° 3 30° 4 40° 5 50° 6 60°	B S	Black Specular	WT	White				
													LM18 COB 18W LM25 COB 25W	1456lm(@18W 3000K 20°) 1329lm(@18W 3000K 30°) 1356lm(@18W 3000K 40°) 1643lm(@18W 3000K 50°) 1540lm(@18W 3000K 60°) 1930lm(@25W 3000K 20°) 1746lm(@25W 3000K 30°) 1795lm(@25W 3000K 40°) 2174lm(@25W 3000K 50°) 2050lm(@25W 3000K 60°)		
					LM25 COB 25W	N	No Driver									

Example: DDP41-LM18E-302BWT

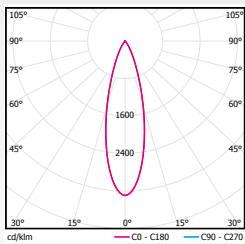
DDP41-LM25E-302SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	9163	0.4	0.4	
2	2291	0.7	0.7	
3	1018	1.1	1.1	
4	573	1.4	1.4	



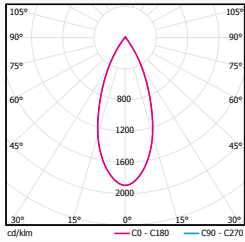
DDP41-LM25E-303SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	5857	0.5	0.5	
2	1464	1.1	1.1	
3	651	1.6	1.6	
4	366	2.1	2.1	



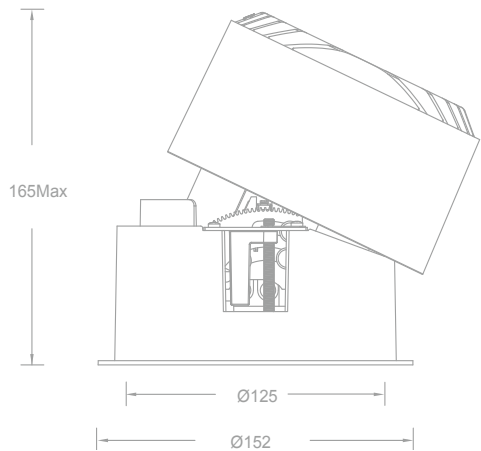
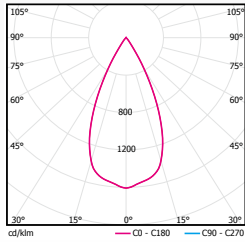
DDP41-LM25E-304SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	3408	0.7	0.7	
2	852	1.5	1.5	
3	379	2.2	2.2	
4	213	2.9	2.9	



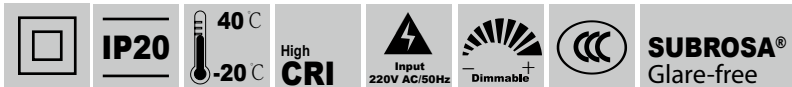
DDP41-LM25E-305SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	3497	0.9	0.9	
2	874	1.9	1.9	
3	389	2.8	2.8	
4	219	3.7	3.7	



PLANA Pro

- Body material: Die-cast aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: Ø140mm
- Ceiling thickness: 1mm-40mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 32W 3000K 3830lm
40W 3000K 4500lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 2.2Kg

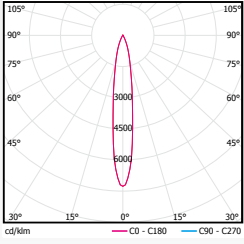


Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
DDP Downlight P series	5	5"	1	Round Trim	E D	ON-OFF 0-10V Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B S Black Specular	WT BK White Black
DDP Downlight P series	5	5"	1	Round Trim	N	No Driver	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B S Black Specular	WT BK White Black

Example: DDP51-LM40E-230SWT

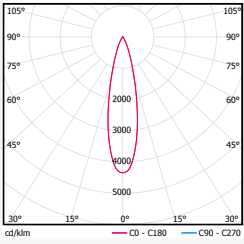
DDP51-LM40E-130SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	26804	0.26	0.26	
2	6701	0.52	0.52	
3	2978	0.78	0.78	
4	1675	1.04	1.04	



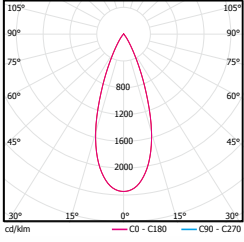
DDP53-LM40E-230SWT

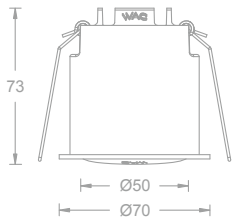
0° Aiming Angle				
D(m)	LUX	w	I	
1	15330	0.43	0.43	
2	3833	0.86	0.86	
3	1703	1.29	1.29	
4	958	1.72	1.72	



DDP53-LM40E-330SWT

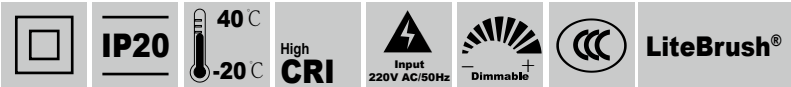
0° Aiming Angle				
D(m)	LUX	w	I	
1	8463	0.68	0.68	
2	2116	1.36	1.36	
3	940	2.04	2.04	
4	529	2.72	2.72	





PLANA Pro Wall Washer

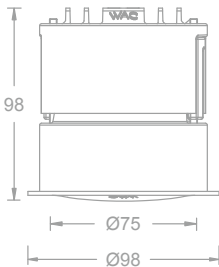
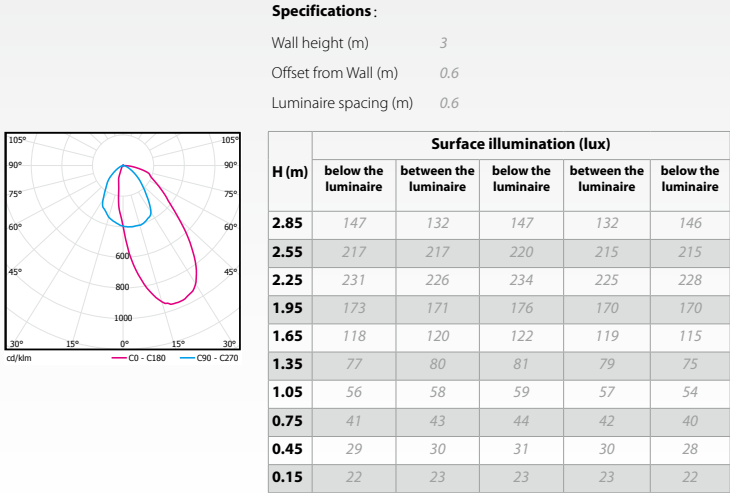
- Body material: Die-cast aluminum
 - Optical system: LiteBrush®
 - Finish: Environmentally safe powder coat
- Cutout: Ø63mm
 - Ceiling thickness: 1mm-25mm
 - Cut off angle: 35°
 - LED type: High Power LED
 - LED CCT, lumen output: 3000K 800lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 0.5Kg



Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DWP Downlight Wall washer P series	2 2"	1 Round Trim	LD08 LED 8W	330lm(@8W 3000K)	E D N ON-OFF 0-10V Dimming No Driver	27 2700K 30 3000K 40 4000K	W Wall Washer	B Black	WT BK White Black

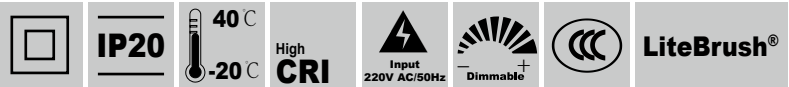
Example: DWP21-LD08E-30WBBK

Simulated data (DWP21-LD08E-30WBWT)



PLANA Pro Wall Washer

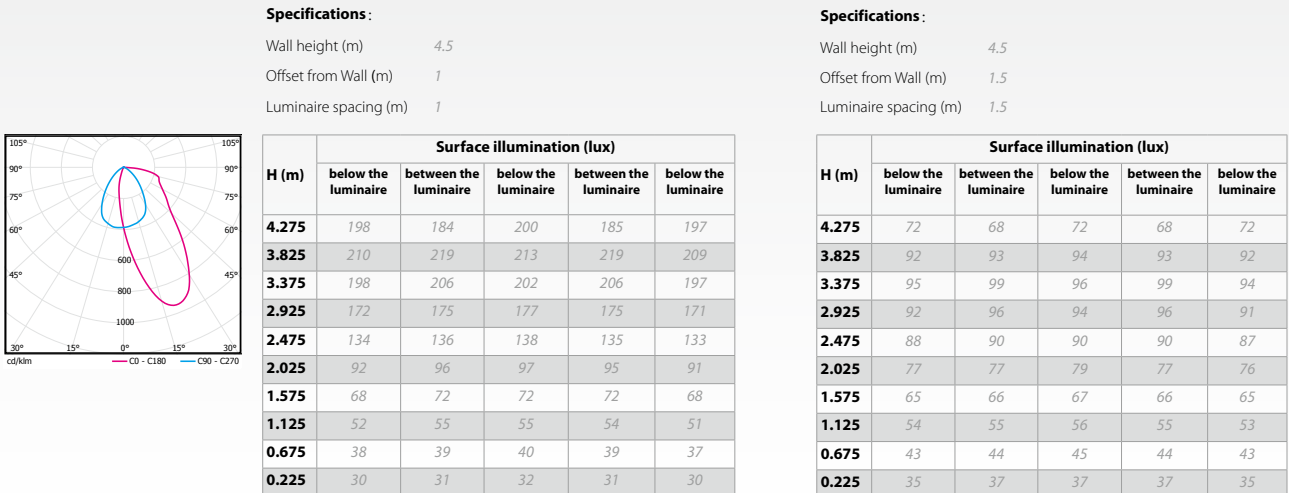
- Body material: Die-cast aluminum
 - Optical system: LiteBrush®
 - Finish: Environmentally safe powder coat
- Cutout: Ø93mm
 - Ceiling thickness: 1mm-40mm
 - Cut off angle: 35°
 - LED type: COB
 - LED wattage, CCT, lumen output: 13W 3000K 1463lm
18W 3000K 1971lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.00Kg

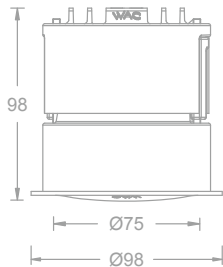


Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DWP Downlight Wall washer P series	3 3"	1 Round Trim	LM13 COB 13W	604lm(@13W 3000K) 844lm(@18W 3000K)	E D ON-OFF 0-10V Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	W Wall Washer	B Black	WT BK White Black
			LM18 COB 18W		N No Driver				

Example: DWP31-LM13E-30WBBK

Simulated data (DWP31-LM18E-30WBWT)



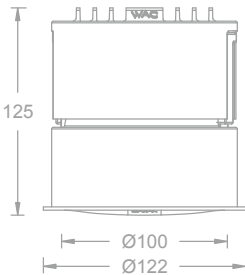


PLANA Pro Wall Washer

- Body material: Die-cast aluminum
 - Optical system: LiteBrush®
 - Finish: Environmentally safe powder coat
- Cutout: Ø93mm
 - Ceiling thickness: 1mm-35mm
 - Cut off angle: 35°
 - LED type: RGBW 4in1
 - LED wattage, CCT: 14W RGBW
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.00Kg

Model	Size	Trim	LED Power	Driver	CCT	Beam Angle	Reflector	Finish
DWP <i>Downlight</i> <i>Wall washer P series</i>	3 3"	1 Round Trim	LD14 14W	M DMX512 Dimming 24V DC Power Supply	F3 RGBW(3000K)	W Wall Washer	B Black	WT White BK Black

Example: DWP31-LD14M-F3WB8K



PLANA Pro Wall Washer

- Body material: Die-cast aluminum
 - Optical system: LiteBrush®
 - Finish: Environmentally safe powder coat
- Cutout: Ø116mm
 - Ceiling thickness: 1mm- 40mm
 - Cut off angle: 35°
 - LED type: COB
 - LED wattage, CCT, lumen output: 18W 3000K 2300lm
25W 3000K 3100lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.45Kg

Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DWP <i>PDownlight</i> <i>Wall washer P series</i>	4 4"	1 Round Trim	LM18 COB 18W	1296lm(@18W 3000K) 1605lm(@25W 3000K)	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	W Wall Washer	B Black	WT White BK Black
			LM25 COB 25W						
			LM25 COB 25W		N No Driver				

Example: DWP41-LM18E-30WBWT

Simulated data (DWP41-LM25E-30WBWT)

Specifications :

Wall height (m) 6

Offset from Wall (m) 1.5

Luminaire spacing (m) 1.5

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
5.7	131	119	133	119	131
5.1	213	210	214	210	213
4.5	239	232	242	232	239
3.9	212	218	215	218	212
3.3	164	170	168	170	164
2.7	110	113	114	114	111
2.1	79	81	82	81	79
1.5	57	59	60	59	58
0.9	41	42	43	42	41
0.3	36	37	38	37	37

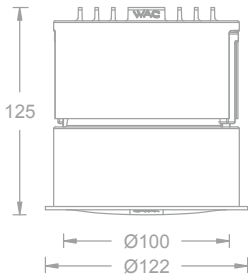
Specifications :

Wall height (m) 6

Offset from Wall (m) 2

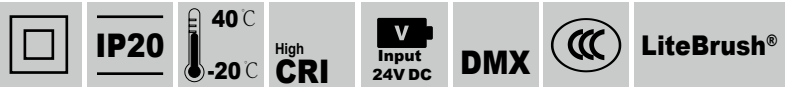
Luminaire spacing (m) 2

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
5.7	65	58	63	58	66
5.1	111	107	111	107	111
4.5	136	133	137	134	137
3.9	140	135	141	136	140
3.3	128	130	129	130	129
2.7	107	110	109	110	107
2.1	85	87	87	88	86
1.5	67	69	69	69	68
0.9	51	52	53	52	51
0.3	46	46	46	46	46



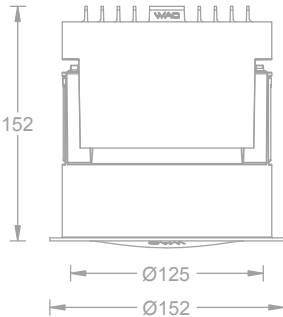
PLANA Pro Wall Washer

- Body material: Die-cast aluminum
 - Optical system: LiteBrush®
 - Finish: Environmentally safe powder coat
- Cutout: Ø116mm
 - Ceiling thickness: 1mm-35mm
 - Cut off angle: 35°
 - LED type: RGBW 4in1
 - LED wattage, CCT: 24W RGBW
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.45Kg



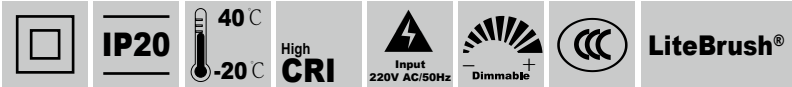
Model	Size	Trim	LED Power	Driver	CCT	Beam Angle	Reflector	Finish
DWP Downlight Wall washer P series	4 4"	1 Round Trim	LD24 24W	M DMX512 Dimming 24V DC Power Supply	F3 RGBW(3000K)	W Wall Washer	B Black	WT White BK Black

Example: DWP41-LD24M-F3WB BK



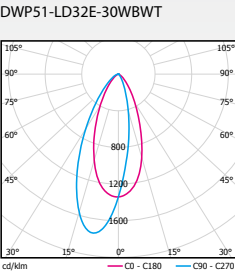
PLANA Pro Wall Washer

- Body material: Die-cast aluminum
 - Optical system: LiteBrush®
 - Finish: Environmentally safe powder coat
- Cutout: Ø140mm
 - Ceiling thickness: 1mm- 45mm
 - LED type: COB
 - LED wattage, CCT, lumen output: 32W 3000K 3830lm
40W 3000K 4500lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.16Kg



Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Relector	Finish
DWP Downlight Wall washer P series	5 5"	1 Round Trim	LM32 COB 32W	2561lm(@32W 3000K) 3022lm(@40W 3000K)	E D ON-OFF 0-10V Dimming	27 2700K	W Wall Washer	B Black	WT White BK Black
			LM40 COB 40W			30 3000K			
			LM40 COB 40W		N No Driver	35 3500K 40 4000K 50 5000K			

Example: DWP51-LM32E-30WBWT



LEDme® Pro



DA City
Foshan, Guangdong Province



Anti-fog glass, perfect for damp locations

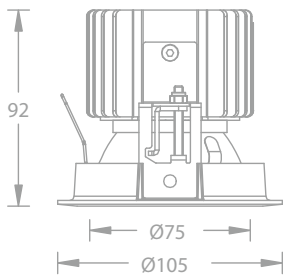
New black mirror reflector provides better glare-free illumination and visual comfort



Light off



Light on



LEDme® Pro

- Body material: Die-cast aluminum frame and extruded aluminum body
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Cutout: Ø93mm
- Ceiling thickness: 1mm-20mm
- Cutoff angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 13W 3000K 1430lm
18W 3000K 1980lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.65Kg

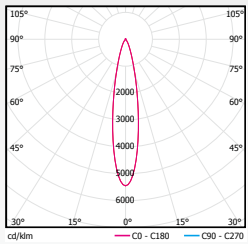


Model	Size	Trim	LED	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish		
DLK Downlight K series	3	3"	3	Round Trim IP44(Aperture)	LM13 COB13W LM18 COB18W	1105lm(@13W 3000K 20°) 1002lm(@13W 3000K 36°) 1075lm(@13W 3000K 48°) 1063lm(@13W 3000K 55°) 1537lm(@18W 3000K 20°) 1405lm(@18W 3000K 36°) 1458lm(@18W 3000K 48°) 1459lm(@18W 3000K 55°)	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 40 4000K	2 20° 3 36° 4 48° 5 55°	S Specular	WT White
					LM18 COB18W	N No Driver					

Example: DLK33-LM18E-302SWT

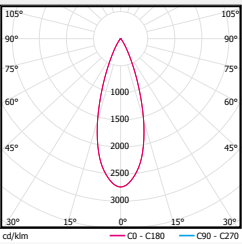
DLK33-LM18E-302SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	8385	0.4	0.4	
2	2096	0.7	0.7	
3	932	1.1	1.1	
4	524	1.4	1.4	



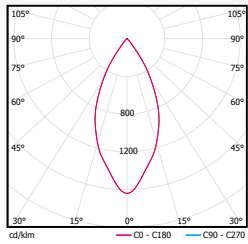
DLK33-LM18E-303SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	3849	0.6	0.6	
2	962	1.3	1.3	
3	428	1.9	1.9	
4	241	2.6	2.6	



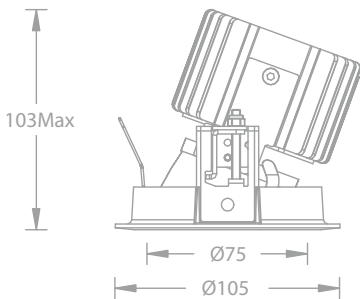
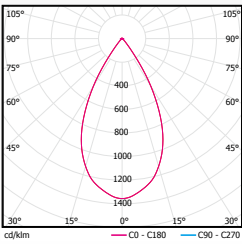
DLK33-LM18E-304SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	2393	0.9	0.9	
2	598	1.8	1.8	
3	266	2.7	2.7	
4	150	3.6	3.6	



DLK33-LM18E-305SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	2066	1.0	1.0	
2	517	2.1	2.1	
3	230	3.1	3.1	
4	129	4.2	4.2	



LEDme® Pro

- Body material: Die-cast aluminum frame and extruded aluminum body
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: Vertically 0°-30°
- Cutout: Ø93mm
- Ceiling thickness: 1mm-20mm
- Cutoff angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 13W 3000K 1430lm
18W 3000K 1980lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.65Kg

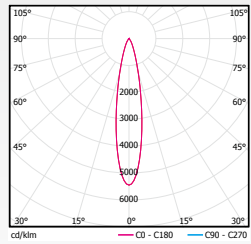


Model	Size	Trim	LED	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish	
DDK Downlight Directional K series	3	3"	3	Round Trim IP44(Aperture)	LM13 COB13W	E D ON-OFF 0-10V Dimming	27 2700K 30 3000K 40 4000K	2 20° 3 36° 4 48° 5 55°	S Specular	WT White
					LM18 COB18W					
					1105lm(@13W 3000K 20°) 1002lm(@13W 3000K 36°) 1075lm(@13W 3000K 48°) 1063lm(@13W 3000K 55°) 1537lm(@18W 3000K 20°) 1405lm(@18W 3000K 36°) 1458lm(@18W 3000K 48°) 1459lm(@18W 3000K 55°)					
					LM18 COB18W					
					N No Driver					

Example: DDK33-LM18E-302SWT

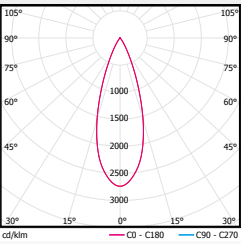
DDK33-LM18E-302SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	8385	0.4	0.4	
2	2096	0.7	0.7	
3	932	1.1	1.1	
4	524	1.4	1.4	



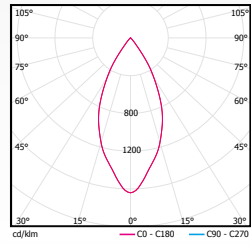
DDK33-LM18E-303SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	3849	0.6	0.6	
2	962	1.3	1.3	
3	428	1.9	1.9	
4	241	2.6	2.6	



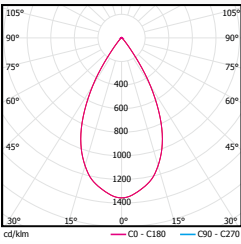
DDK33-LM18E-304SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	2393	0.9	0.9	
2	598	1.8	1.8	
3	266	2.7	2.7	
4	150	3.6	3.6	



DDK33-LM18E-305SWT

0° Aiming Angle				
D(m)	LUX	w	I	
1	2066	1.0	1.0	
2	517	2.1	2.1	
3	230	3.1	3.1	
4	129	4.2	4.2	





LEDme® Pro

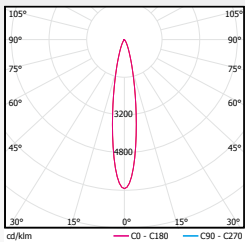
- Body material: Die-cast aluminum frame and extruded aluminum body
 - Optical system: Lens + Reflector
 - Finish: Environmentally safe powder coat
- Cutout: Ø122mm
 - Ceiling thickness: 1mm-30mm
 - Cutoff angle: 35°
 - LED type: COB
 - LED wattage, CCT, lumen output: 18W 3000K 1980lm
25W 3000K 2750lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.1Kg



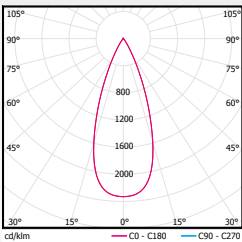
Model	Size	Trim	LED	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish		
DLK Downlight K series	4	4"	3	Round Trim IP44(Aperture)	LM18 COB18W LM25 COB25W	1755lm(@18W 3000K 20°) 1753lm(@18W 3000K 40°) 1564lm(@18W 3000K 60°) 2337lm(@25W 3000K 20°) 2308lm(@25W 3000K 40°) 2087lm(@25W 3000K 60°)	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 40 4000K	2 20° 4 40° 6 60°	S Specular	WT White
					LM25 COB25W	N No Driver					

Example: DLK43-LM18E-3025WT

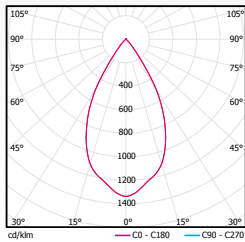
DLK43-LM25E-3025WT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	14841	0.4	0.4	
2	3710	0.7	0.7	
3	1649	1.1	1.1	
4	928	1.4	1.4	



DLK43-LM25E-3045WT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	5392	0.7	0.7	
2	1348	1.5	1.5	
3	599	2.2	2.2	
4	337	2.9	2.9	



DLK43-LM25E-3065WT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2790	1.2	1.2	
2	698	2.3	2.3	
3	310	3.5	3.5	
4	174	4.6	4.6	



LEDme® Pro

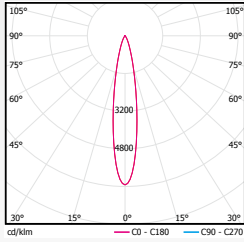
- Body material: Die-cast aluminum frame and extruded aluminum body
 - Optical system: Lens + Reflector
 - Finish: Environmentally safe powder coat
 - Adjustable angle: Vertically 0°-30°
- Cutout: Ø122mm
 - Ceiling thickness: 1mm-30mm
 - Cutoff angle: 35°
 - LED type: COB
 - LED wattage, CCT, lumen output: 18W 3000K 1980lm
25W 3000K 2750lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.1Kg



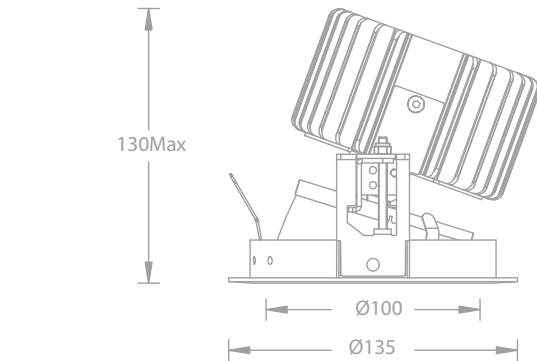
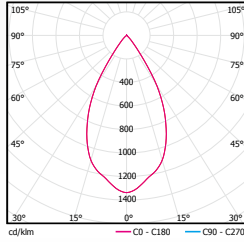
Model	Size	Trim	LED	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish	
DDK Downlight Directional K series	4	4"	3	Round Trim IP44(Aperture)	LM18 COB18W	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 40 4000K	2 20° 4 40° 6 60°	S Specular	WT White
					LM25 COB25W					
					LM25 COB25W					
					1755lm(@18W 3000K 20°) 1753lm(@18W 3000K 40°) 1564lm(@18W 3000K 60°) 2337lm(@25W 3000K 20°) 2308lm(@25W 3000K 40°) 2087lm(@25W 3000K 60°)					

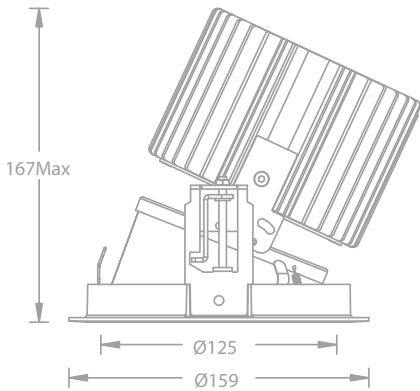
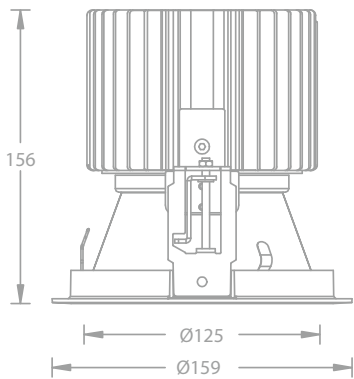
Example: DDK43-LM18E-3025WT

DDK43-LM25E-3025WT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	14841	0.4	0.4	
2	3710	0.7	0.7	
3	1649	1.1	1.1	
4	928	1.4	1.4	



DDK43-LM25E-3065WT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2790	1.2	1.2	
2	698	2.3	2.3	
3	310	3.5	3.5	
4	174	4.6	4.6	





LEDme® Pro

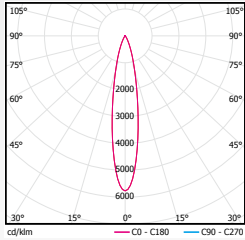
- Body material:Die-cast aluminum frame and extruded aluminum body
 - Optical system:Lens + Reflector
 - Finish:Environmentally safe powder coat
- Cutout: Ø152mm
 - Ceiling thickness: 1mm-30mm
 - Cutoff angle: 35°
 - LED type: COB
 - LED wattage, CCT, lumen output: 32W 3000K 3520lm
40W 3000K 4400lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.5Kg



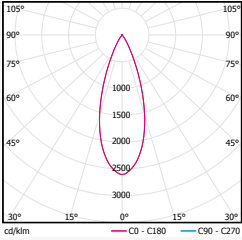
Model	Size	Trim	LED	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DLK Downlight K series	5	5"	Round Trim IP44(Aperture)	LM32 COB32W LM40 COB40W 2871lm(@32W 3000K 20°) 2857lm(@32W 3000K 40°) 3327lm(@40W 3000K 20°) 3357lm(@40W 3000K 40°)	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 40 4000K	2 20° 4 40° 6 60°	S Specular	WT White
				LM40 COB40W	N No Driver				

Example: DLK53-LM32E-302SWT

DLK53-LM40E-302SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	19804	0.4	0.4	
2	4951	0.7	0.7	
3	2200	1.1	1.1	
4	1238	1.4	1.4	



DLK53-LM40E-304SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8794	0.7	0.7	
2	2199	1.5	1.5	
3	977	2.2	2.2	
4	550	2.9	2.9	



LEDme® Pro

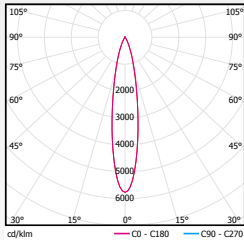
- Body material: Die-cast aluminum frame and extruded aluminum body
 - Optical system: Lens + Reflector
 - Finish: Environmentally safe powder coat
 - Adjustable angle: Vertically 0°-30°
- Cutout: Ø152mm
 - Ceiling thickness: 1mm-30mm
 - Cutoff angle: 35°
 - LED type: COB
 - LED wattage, CCT, lumen output: 32W 3000K 3520lm
40W 3000K 4400lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.5Kg



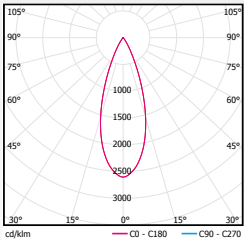
Model	Size	Trim	LED	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DDK Downlight Directional K series	5	5"	Round Trim IP44(Aperture)	LM32 COB32W LM40 COB40W 2871lm(@32W 3000K 20°) 2857lm(@32W 3000K 40°) 3327lm(@40W 3000K 20°) 3357lm(@40W 3000K 40°)	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 40 4000K	2 20° 4 40° 6 60°	S Specular	WT White
				LM40 COB40W	N No Driver				

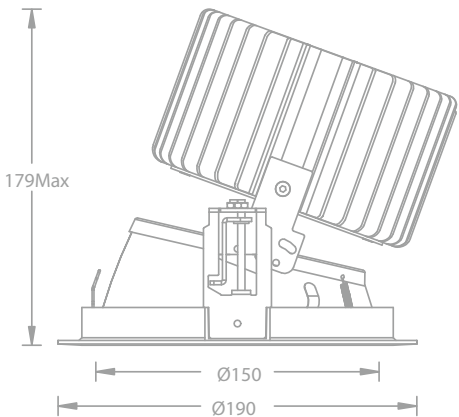
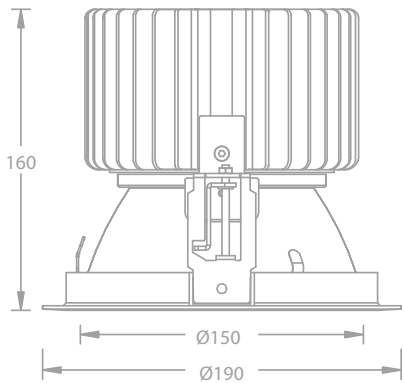
Example: DDK53-LM32E-302SWT

DDK53-LM40E-302SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	19804	0.4	0.4	
2	4951	0.7	0.7	
3	2200	1.1	1.1	
4	1238	1.4	1.4	



DDK53-LM40E-304SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8794	0.7	0.7	
2	2199	1.5	1.5	
3	977	2.2	2.2	
4	550	2.9	2.9	





LEDme® Pro

- Body material:Die-cast aluminum frame and extruded aluminum body
 - Optical system:Lens + Reflector
 - Finish:Environmentally safe powder coat
- Cutout: Ø179mm
 - Ceiling thickness: 1mm-30mm
 - Cutoff angle: 35°
 - LED type: COB
 - LED wattage, CCT, lumen output: 43W 3000K 4730lm
50W 3000K 5500lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.5Kg

LEDme® Pro

- Body material: Die-cast aluminum frame and extruded aluminum body
 - Optical system: Lens + Reflector
 - Finish: Environmentally safe powder coat
 - Adjustable angle: Vertically 0°-30°
- Cutout: Ø179mm
 - Ceiling thickness: 1mm-30mm
 - Cutoff angle: 35°
 - LED type: COB
 - LED wattage, CCT, lumen output: 43W 3000K 4730lm
50W 3000K 5500lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.5Kg



Model	Size	Trim	LED	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DLK Downlight K series	6	6"	LM43 LM50 COB43W COB50W	3588lm(@43W 3000K 20°) 3570lm(@43W 3000K 40°) 4067lm(@50W 3000K 20°) 4014lm(@50W 3000K 40°)	E D ON-OFF 0-10V Dimming	27 2700K 30 3000K 40 4000K	2 20° 4 40° 6 60°	S Specular	WT White
			LM50 COB50W		N No Driver				

Example: DLK63-LM43E-302SWT

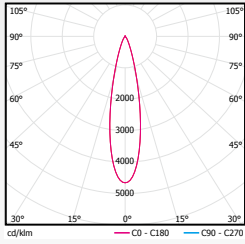


Model	Size	Trim	LED	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
DDK Downlight Directional K series	6	6"	LM43 LM50 COB43W COB50W	3588lm(@43W 3000K 20°) 3570lm(@43W 3000K 40°) 4067lm(@50W 3000K 20°) 4014lm(@50W 3000K 40°)	E D ON-OFF 0-10V Dimming	27 2700K 30 3000K 40 4000K	2 20° 4 40° 6 60°	S Specular	WT White
			LM50 COB50W		N No Driver				

Example: DDK63-LM43E-302SWT

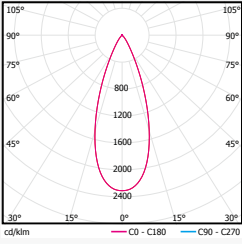
DLK63-LM50E-302SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	19076	0.4	0.4
2	4769	0.7	0.7
3	2120	1.1	1.1
4	1192	1.4	1.4



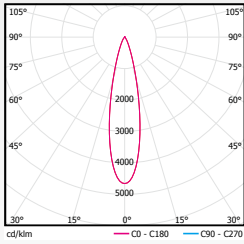
DLK63-LM50E-304SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	9327	0.7	0.7
2	2332	1.5	1.5
3	1036	2.2	2.2
4	583	2.9	2.9



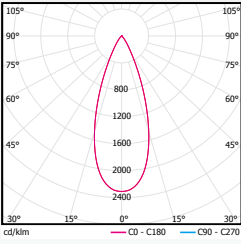
DDK63-LM50E-302SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	19076	0.4	0.4
2	4769	0.7	0.7
3	2120	1.1	1.1
4	1192	1.4	1.4



DDK63-LM50E-304SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	9327	0.7	0.7
2	2332	1.5	1.5
3	1036	2.2	2.2
4	583	2.9	2.9



ULTRA



Ultra

Ultra offers an adjustable downlight for general lighting while the directional style is perfect for accent illumination. The unique reflector design features a cut-off that directs the beam wherever you need it.

J Hotel Shanghai Tower
Shanghai



- Integrated recessed ceiling luminaires combine directional and down light functions together
- No light leakage when adjusting lighting directions
- Scaled for precise projection

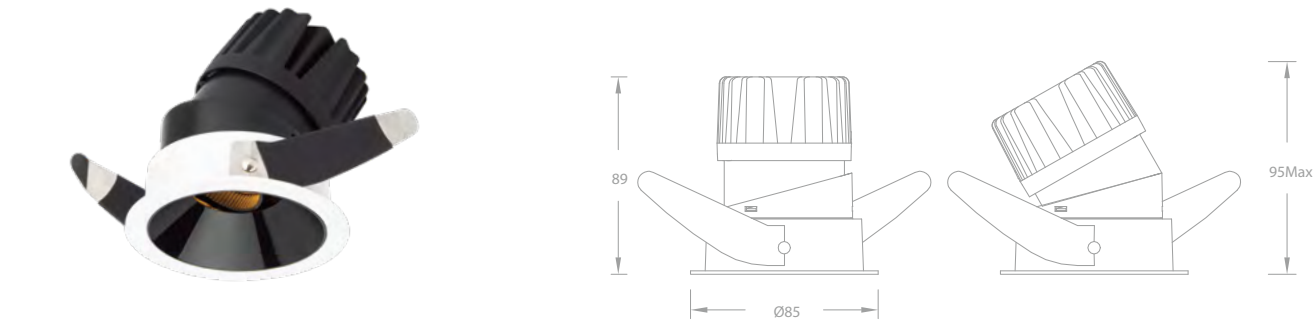


- Four kinds beam angles are optional and could be replaced without tools



- Various optical accessories are available and replaceable without tools





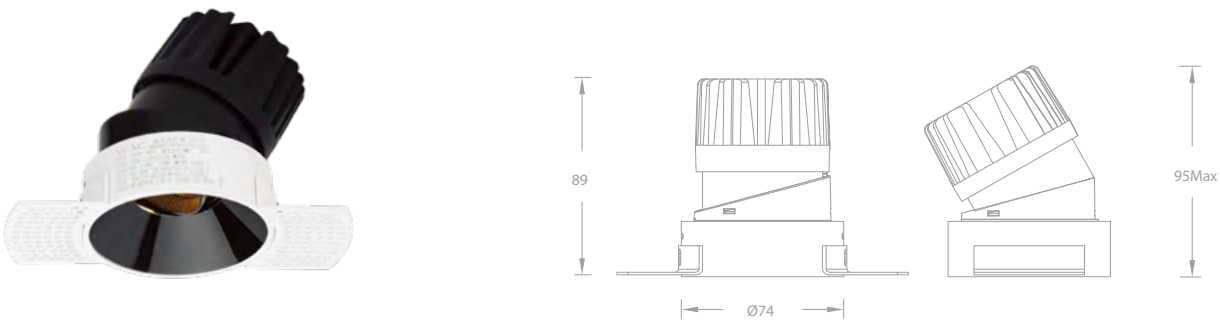
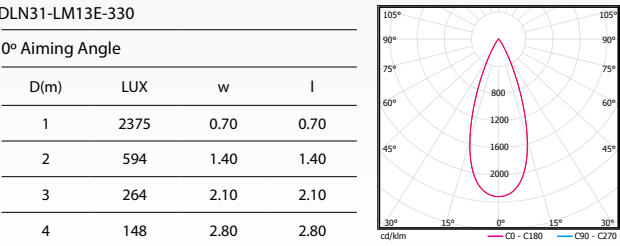
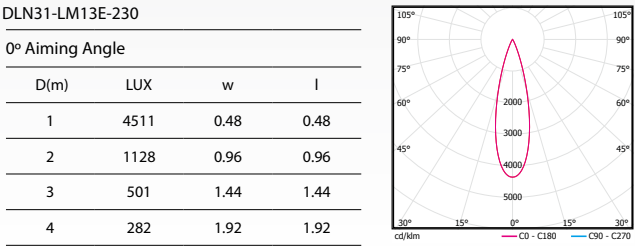
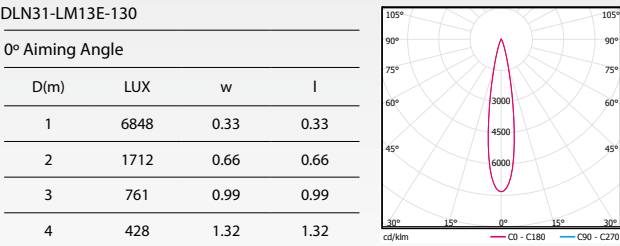
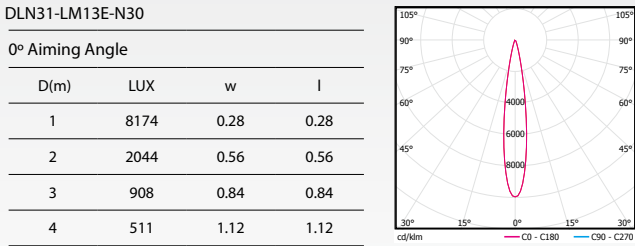
ULTRA Trim

- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: Ø78mm
- Ceiling thickness: 5mm-25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1150lm
13W 3000K 1495lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.45Kg



Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish	
DLN <i>Downlight N Series</i>	3	3"	1	Round Trim	LM08 COB8W	E D ON-OFF 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B S Black Specular	WT BK White Black
					LM07 COB7W LM10 COB10W LM13 COB13W	N No Driver	N 13° 1 18° 2 28° 3 36°			
LM13 COB13W	N No Driver	N 13° 1 18° 2 28° 3 36°								

Example: DLN31-LM07E-N30SWT



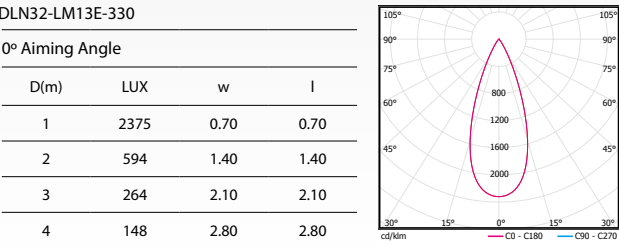
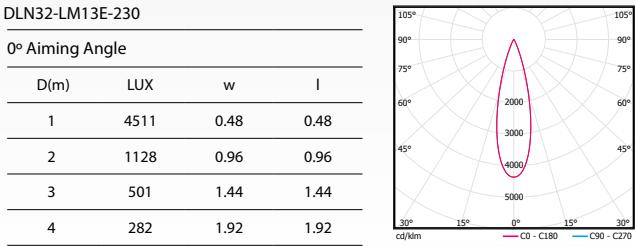
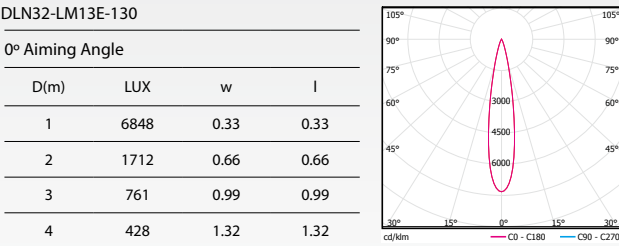
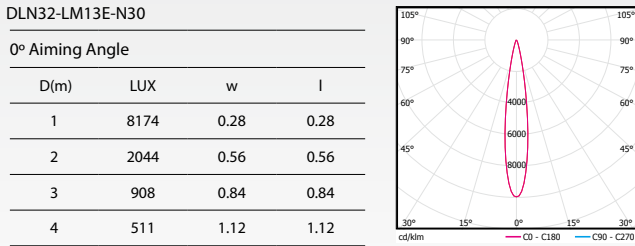
ULTRA Trimless

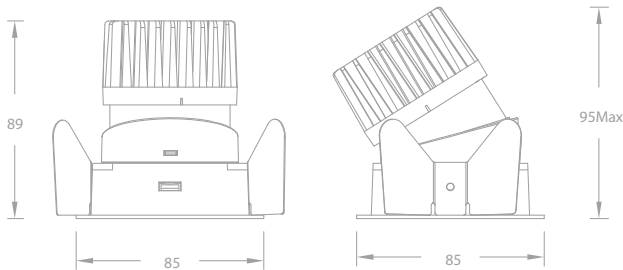
- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: Ø82mm
- Ceiling thickness: 5mm-25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1150lm
13W 3000K 1495lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.45Kg



Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish													
DLN <i>Downlight N Series</i>	3	3"	2	Round Trimless	LM08 COB8W	E D ON-OFF 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B S Black Specular	WT BK White Black												
											LM07 COB7W LM10 COB10W LM13 COB13W	N No Driver	N 13° 1 18° 2 28° 3 36°									
														LM13 COB13W	N No Driver	N 13° 1 18° 2 28° 3 36°						
																	LM13 COB13W	N No Driver	N 13° 1 18° 2 28° 3 36°			
																				LM13 COB13W	N No Driver	N 13° 1 18° 2 28° 3 36°
					LM13 COB13W	N No Driver	N 13° 1 18° 2 28° 3 36°															
											LM13 COB13W	N No Driver	N 13° 1 18° 2 28° 3 36°									
														LM13 COB13W	N No Driver	N 13° 1 18° 2 28° 3 36°						
																	LM13 COB13W	N No Driver	N 13° 1 18° 2 28° 3 36°			
																				LM13 COB13W	N No Driver	N 13° 1 18° 2 28° 3 36°

Example: DLN32-LM07E-N30SWT





ULTRA Trim

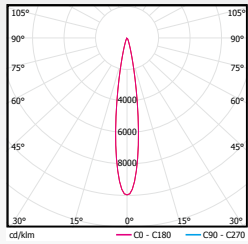
- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: □ 79mm x 79mm
- Ceiling thickness: 5mm-25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1150lm
13W 3000K 1495lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.36Kg



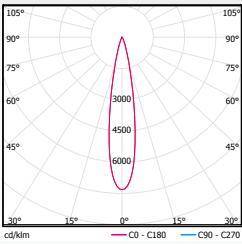
Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
DLN <i>Downlight N Series</i>	3	3"	LM08 COB8W	466lm(@7W 3000K 13°)	E D ON-OFF 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B S Black S Specular	WT BK White BK Black
				721lm(@7W 3000K 18°)					
				715lm(@7W 3000K 28°)					
				720lm(@7W 3000K 36°)					
			LM07 COB7W LM10 COB10W LM13 COB13W	520lm(@10W 3000K 13°)	N No Driver	N 13° 1 18° 2 28° 3 36°			
				817lm(@10W 3000K 18°)					
				796lm(@10W 3000K 28°)					
			LM13 COB13W	823lm(@10W 3000K 36°)					
				676lm(@13W 3000K 13°)					
				1062lm(@13W 3000K 18°)					
				1035lm(@13W 3000K 28°)					
				1070lm(@13W 3000K 36°)					

Example: DLN35-LM07E-N30SWT

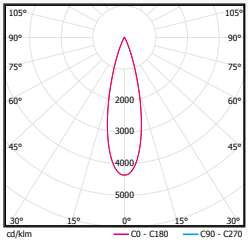
DLN35-LM13E-N30				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8174	0.28	0.28	
2	2044	0.56	0.56	
3	908	0.84	0.84	
4	511	1.12	1.12	



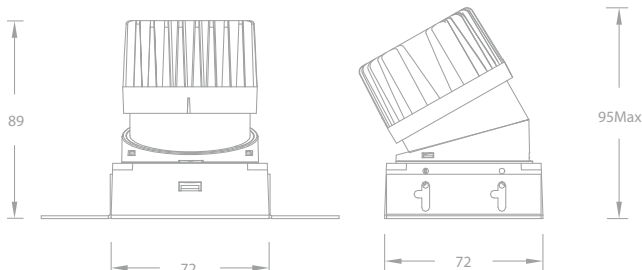
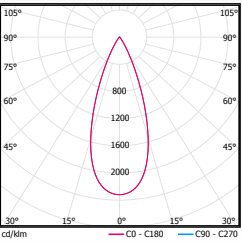
DLN35-LM13E-130				
0° Aiming Angle				
D(m)	LUX	w	I	
1	6848	0.33	0.33	
2	1712	0.66	0.66	
3	761	0.99	0.99	
4	428	1.32	1.32	



DLN35-LM13E-230				
0° Aiming Angle				
D(m)	LUX	w	I	
1	4511	0.48	0.48	
2	1128	0.96	0.96	
3	501	1.44	1.44	
4	282	1.92	1.92	



DLN35-LM13E-330				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2375	0.70	0.70	
2	594	1.40	1.40	
3	264	2.10	2.10	
4	148	2.80	2.80	



ULTRA Trimless

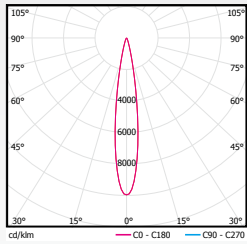
- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: □ 78mm x 72mm
- Ceiling thickness: 5mm-25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1150lm
13W 3000K 1495lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.36Kg



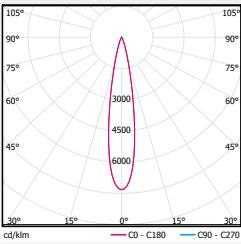
Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
DLN <i>Downlight N Series</i>	3	3"	LM08 COB8W	466lm(@7W 3000K 13°)	E D ON-OFF 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B S Black S Specular	WT BK White BK Black
				721lm(@7W 3000K 18°)					
				715lm(@7W 3000K 28°)					
				720lm(@7W 3000K 36°)					
			LM07 COB7W LM10 COB10W LM13 COB13W	520lm(@10W 3000K 13°)	N No Driver	N 13° 1 18° 2 28° 3 36°			
				817lm(@10W 3000K 18°)					
				796lm(@10W 3000K 28°)					
			LM13 COB13W	823lm(@10W 3000K 36°)					
				676lm(@13W 3000K 13°)					
				1062lm(@13W 3000K 18°)					
				1035lm(@13W 3000K 28°)					
				1070lm(@13W 3000K 36°)					

Example: DLN36-LM07E-N30SWT

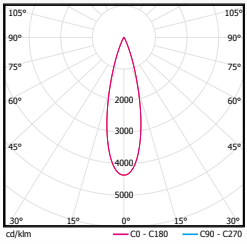
DLN36-LM13E-N30				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8174	0.28	0.28	
2	2044	0.56	0.56	
3	908	0.84	0.84	
4	511	1.12	1.12	



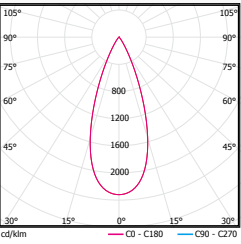
DLN36-LM13E-130				
0° Aiming Angle				
D(m)	LUX	w	I	
1	6848	0.33	0.33	
2	1712	0.66	0.66	
3	761	0.99	0.99	
4	428	1.32	1.32	



DLN36-LM13E-230				
0° Aiming Angle				
D(m)	LUX	w	I	
1	4511	0.48	0.48	
2	1128	0.96	0.96	
3	501	1.44	1.44	
4	282	1.92	1.92	



DLN36-LM13E-330				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2375	0.70	0.70	
2	594	1.40	1.40	
3	264	2.10	2.10	
4	148	2.80	2.80	



ELANA Pro

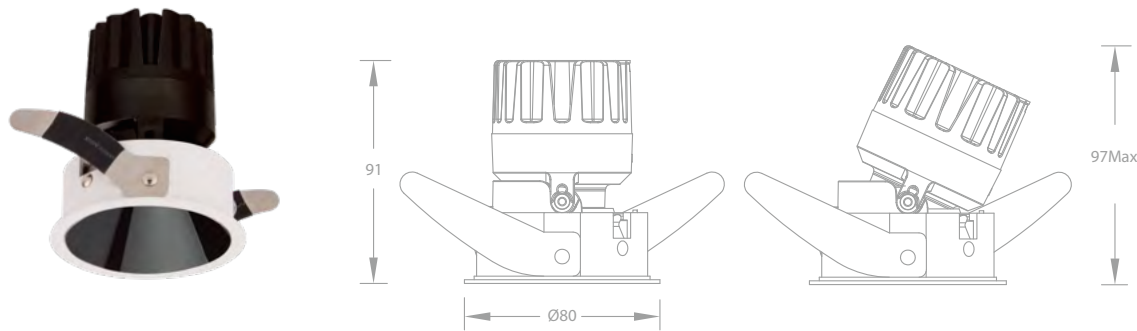


J Hotel Shanghai Tower
Shanghai



- Die-cast aluminum body with clean architectural trim styles
- Unique optical system, superior glare control
- Various trims and reflector colors are available





ELANA Pro Round Trim

- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-25° vertical aiming tilt
- Cutout: Ø75mm
- Ceiling thickness: 6mm-25mm
- Cut off angle: 40°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 840lm
10W 3000K 1200lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.32Kg

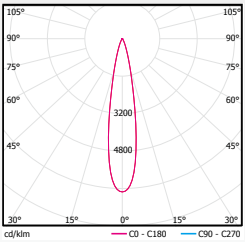


Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
DLH <i>Downlight HSeries</i>	3 3"	1 Round Trim	LM07 COB7W LM10 COB10W	484lm(@7W 3000K 15°) 540lm(@7W 3000K 19°) 642lm(@7W 3000K 24°) 657lm(@7W 3000K 36°) 605lm(@10W 3000K 15°) 675lm(@10W 3000K 19°) 802lm(@10W 3000K 24°) 821lm(@10W 3000K 36°)	E ON-OFF D 0-10V Dimming	N 15° 1 19° 2 24° 3 36°	27 2700K 30 3000K 40 4000K	S Specular B Black	WT White

Example: DLH31-LM07E-230SWT

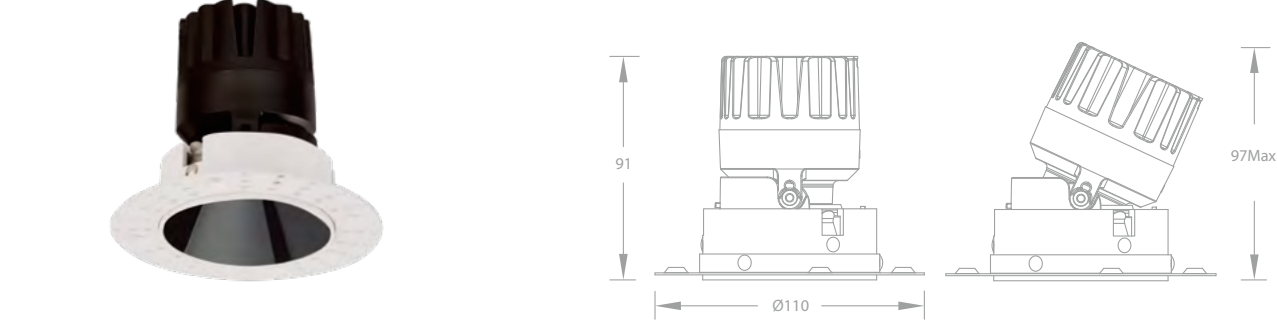
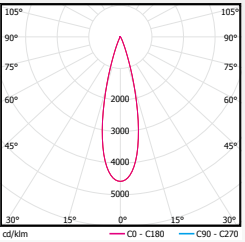
DLH31-LM10E-130SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	4418	0.34	0.34
2	1105	0.68	0.68
3	491	1.02	1.02
4	276	1.36	1.36



DLH31-LM10E-230SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	3668	0.34	0.34
2	917	0.68	0.68
3	408	1.02	1.02
4	229	1.36	1.36



ELANA Pro Round Trimless

- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-25° vertical aiming tilt
- Cutout: Ø75mm
- Ceiling thickness: 6mm-25mm
- Cut off angle: 40°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 840lm
10W 3000K 1200lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.32Kg

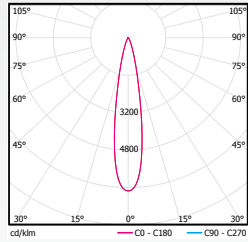


Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
DLH <i>Downlight HSeries</i>	3 3"	2 Round Trimless	LM07 COB7W LM10 COB10W	484lm(@7W 3000K 15°) 540lm(@7W 3000K 19°) 642lm(@7W 3000K 24°) 657lm(@7W 3000K 36°) 605lm(@10W 3000K 15°) 675lm(@10W 3000K 19°) 802lm(@10W 3000K 24°) 821lm(@10W 3000K 36°)	E ON-OFF D 0-10V Dimming	N 15° 1 19° 2 24° 3 36°	27 2700K 30 3000K 40 4000K	S Specular B Black	WT White

Example: DLH32-LM07E-230SWT

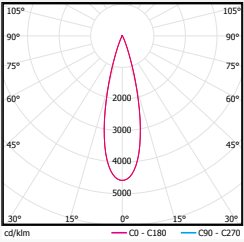
DLH32-LM10E-130SWT

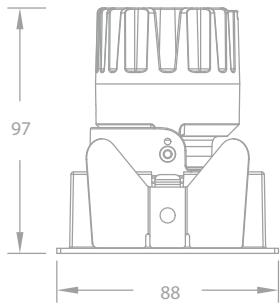
0° Aiming Angle			
D(m)	LUX	w	l
1	4418	0.34	0.34
2	1105	0.68	0.68
3	491	1.02	1.02
4	276	1.36	1.36



DLH32-LM10E-230SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	3668	0.34	0.34
2	917	0.68	0.68
3	408	1.02	1.02
4	229	1.36	1.36





ELANA Pro Square Trim

- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Cutout: □ 82mm x 82mm
- Ceiling thickness: 1mm-25mm
- Cut off angle: 40°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 840lm
10W 3000K 1200lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.5Kg

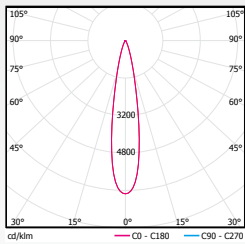


Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
DLH <i>Downlight H Series</i>	3 3"	S Rectangular Trim	LM07 COB7W LM10 COB10W	484lm(@7W 3000K 15°) 540lm(@7W 3000K 19°) 642lm(@7W 3000K 24°) 657lm(@7W 3000K 36°) 605lm(@10W 3000K 15°) 675lm(@10W 3000K 19°) 802lm(@10W 3000K 24°) 821lm(@10W 3000K 36°)	E ON-OFF D 0-10V Dimming	N 15° 1 19° 2 24° 3 36°	27 2700K 30 3000K 40 4000K	S Specular B Black	WT White

Example: DLH35-LM10E-230SWT

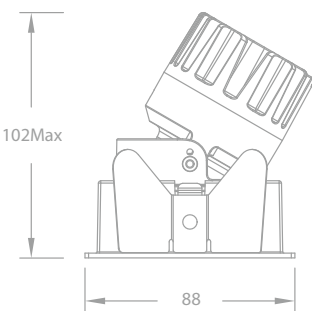
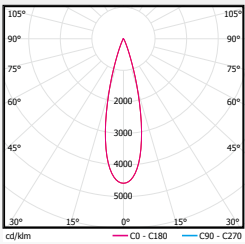
DLH35-LM10E-130SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	4418	0.34	0.34
2	1105	0.68	0.68
3	491	1.02	1.02
4	276	1.36	1.36



DLH35-LM10E-230SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	3668	0.34	0.34
2	917	0.68	0.68
3	408	1.02	1.02
4	229	1.36	1.36



ELANA Pro Square Trim

- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: □ 82mm x 82mm
- Ceiling thickness: 1mm-25mm
- Cut off angle: 40°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 840lm
10W 3000K 1200lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.5Kg

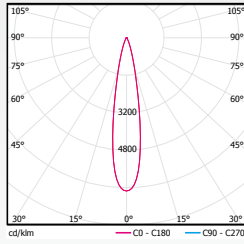


Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
DDH <i>Downlight H Series</i>	3 3"	S Rectangular Trim	LM07 COB7W LM10 COB10W	484lm(@7W 3000K 15°) 540lm(@7W 3000K 19°) 642lm(@7W 3000K 24°) 657lm(@7W 3000K 36°) 605lm(@10W 3000K 15°) 675lm(@10W 3000K 19°) 802lm(@10W 3000K 24°) 821lm(@10W 3000K 36°)	E ON-OFF D 0-10V Dimming	N 15° 1 19° 2 24° 3 36°	27 2700K 30 3000K 40 4000K	S Specular B Black	WT White

Example: DDH35-LM10E-230SWT

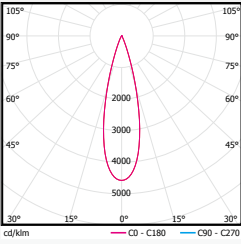
DDH35-LM10E-130SWT

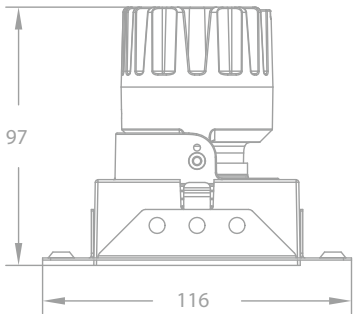
0° Aiming Angle			
D(m)	LUX	w	l
1	4418	0.34	0.34
2	1105	0.68	0.68
3	491	1.02	1.02
4	276	1.36	1.36



DDH35-LM10E-230SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	3668	0.34	0.34
2	917	0.68	0.68
3	408	1.02	1.02
4	229	1.36	1.36





ELANA Pro Square Trimless

- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Cutout: □ 82mm x 82mm
- Ceiling thickness: 1mm-25mm
- Cut off angle: 40°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 840lm
10W 3000K 1200lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.5Kg

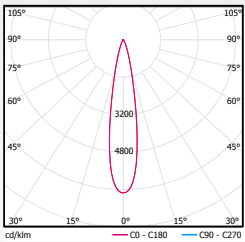


Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish		
DLH <i>Downlight H Series</i>	3	3"	6	Rectangular Trimless	LM07 COB7W LM10 COB10W	E ON-OFF D 0-10V Dimming	484lm(@7W 3000K 15°) 540lm(@7W 3000K 19°) 642lm(@7W 3000K 24°) 657lm(@7W 3000K 36°) 605lm(@10W 3000K 15°) 675lm(@10W 3000K 19°) 802lm(@10W 3000K 24°) 821lm(@10W 3000K 36°)	N 15° 1 19° 2 24° 3 36°	27 2700K 30 3000K 40 4000K	S Specular B Black	WT White

Example: DLH36-LM10E-230SWT

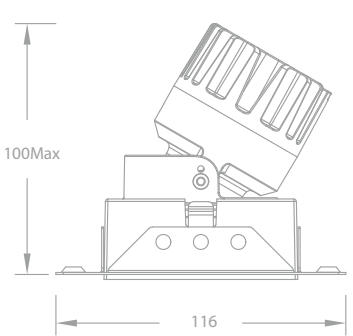
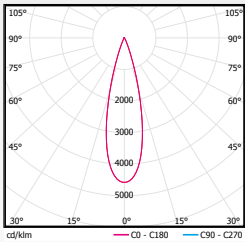
DLH36-LM10E-301SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	4418	0.34	0.34
2	1105	0.68	0.68
3	491	1.02	1.02
4	276	1.36	1.36



DLH36-LM10E-302SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	3668	0.34	0.34
2	917	0.68	0.68
3	408	1.02	1.02
4	229	1.36	1.36



ELANA Pro Square Trimless

- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: □ 82mm x 82mm
- Ceiling thickness: 1mm-25mm
- Cut off angle: 40°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 840lm
10W 3000K 1200lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.5Kg

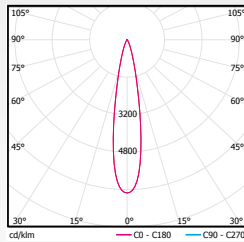


Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish	
DDH <i>Downlight H Series</i>	3	3"	6	Rectangular Trimless	LM07 COB7W LM10 COB10W	E ON-OFF D 0-10V Dimming	N 15° 1 19° 2 24° 3 36°	27 2700K 30 3000K 40 4000K	S Specular B Black	WT White
				484lm(@7W 3000K 15°) 540lm(@7W 3000K 19°) 642lm(@7W 3000K 24°) 657lm(@7W 3000K 36°) 605lm(@10W 3000K 15°) 675lm(@10W 3000K 19°) 802lm(@10W 3000K 24°) 821lm(@10W 3000K 36°)						

Example: DDH36-LM10E-230SWT

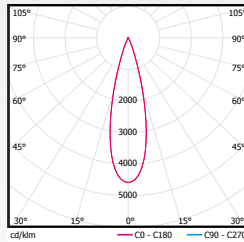
DDH36-LM10E-301SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	4418	0.34	0.34
2	1105	0.68	0.68
3	491	1.02	1.02
4	276	1.36	1.36



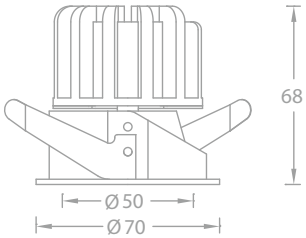
DDH36-LM10E-302SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	3668	0.34	0.34
2	917	0.68	0.68
3	408	1.02	1.02
4	229	1.36	1.36





ELANA



ELANA

- Body material: Die-cast aluminum
- Optical system: Lens+ Anti-glare reflector
- Finish: Environmentally safe powder coat
- Cutout: Ø63m
- Ceiling thickness: 5mm-15mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1150lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.22Kg

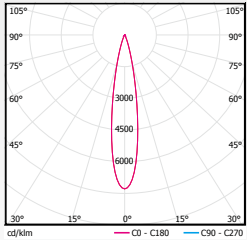


Model	Size	Trim	LED	System Lumens	Driver	Beam	CCT	Reflector	Finish		
DLG Downlight G series	2	2"	1	Round Trim	LM07 COB7W LM10 COB10W	E ON-OFF D 0-10V Dimming	N 13° 1 18°	27 2700K 30 3000K 35 3500K	S G	Specular Gloss	WT White BK Black
					LM10 COB10W	N No Driver	2 28° 3 36°	40 4000K 50 5000K			

Example: DLG21-LM07E-N30GWT

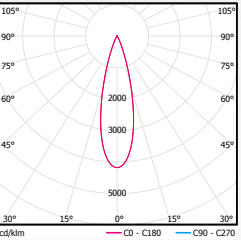
DLG21-LM10E-130GWT

0° Aiming Angle			
D(m)	LUX	w	l
1	5953	0.33	0.33
2	1488	0.66	0.66
3	661	0.99	0.99
4	372	1.32	1.32

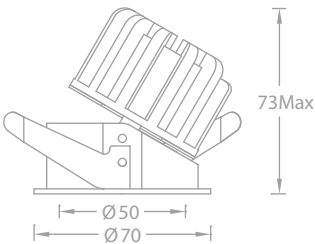


DLG21-LM10E-230GWT

0° Aiming Angle			
D(m)	LUX	w	l
1	3323	0.48	0.48
2	831	0.96	0.96
3	369	1.44	1.44
4	208	1.92	1.92



Marriott Hotel Zhangjiagang
Suzhou, Jiangsu Province



ELANA

- Body material: Die-cast aluminum
- Optical system: Lens+ Anti-glare reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-30° vertical aiming tilt
- Cutout: Ø63m
- Ceiling thickness: 5mm-15mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1150lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.22Kg

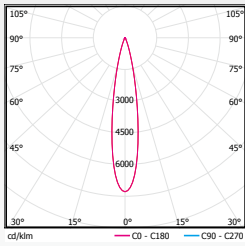


Model	Size	Trim	LED	System Lumens	Driver	Beam	CCT	Reflector	Finish	
DDG Downlight Directional G series	2	2"	1	Round Trim	LM07 COB7W	E ON-OFF D 0-10V Dimming	N 13° 1 18° 2 28° 3 36°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	S Specular G Gloss	WT White BK Black
					LM10 COB10W					
					LM10 COB10W					
					LM10 COB10W					

Example: DDG21-LM07E-N30GWT

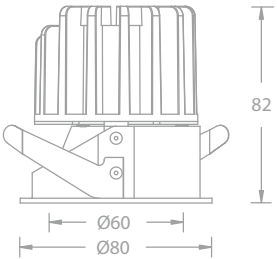
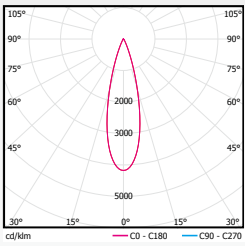
DDG21-LM10E-130GWT

0° Aiming Angle			
D(m)	LUX	w	l
1	5953	0.33	0.33
2	1488	0.66	0.66
3	661	0.99	0.99
4	372	1.32	1.32



DDG21-LM10E-230GWT

0° Aiming Angle			
D(m)	LUX	w	l
1	3323	0.48	0.48
2	831	0.96	0.96
3	369	1.44	1.44
4	208	1.92	1.92



ELANA

- Body material: Die-cast aluminum
- Optical system: Lens+ Anti-glare reflector
- Finish: Environmentally safe powder coat
- Cutout: Ø75m
- Ceiling thickness: 5mm-15mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1150lm
13W 3000K 1495lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.45Kg

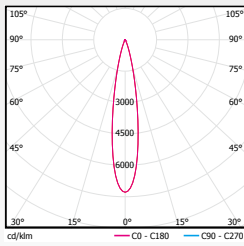


Model	Size	Trim	LED	System Lumens	Driver	Beam	CCT	Reflector	Finish		
DLG Downlight G series	3	3"	1	<i>Round Trim</i>	LM07 COB7W LM10 COB10W LM13 COB13W	463lm(@7W 3000K 13°) 703lm(@7W 3000K 18°) 698lm(@7W 3000K 28°) 740lm(@7W 3000K 36°) 527lm(@10W 3000K 13°) 796lm(@10W 3000K 18°) 777lm(@10W 3000K 28°) 846lm(@10W 3000K 36°) 770lm(@13W 3000K 13°) 1047lm(@13W 3000K 18°) 1065lm(@13W 3000K 28°) 1063lm(@13W 3000K 36°)	E ON-OFF D 0-10V Dimming	N 13° 1 18° 2 28° 3 36°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	S Specular G Gloss	WT White BK Black

Example: DLG31-LM07E-N30GWT

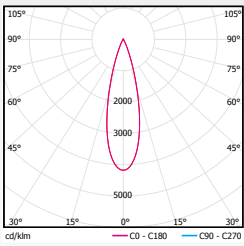
DLG31-LM10E-130GWT

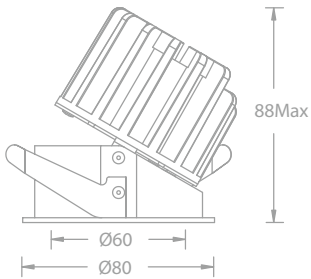
0° Aiming Angle			
D(m)	LUX	w	l
1	6028	0.33	0.33
2	1507	0.66	0.66
3	670	0.99	0.99
4	377	1.32	1.32



DLG31-LM10E-230GWT

0° Aiming Angle			
D(m)	LUX	w	l
1	3396	0.48	0.48
2	849	0.96	0.96
3	377	1.44	1.44
4	212	1.92	1.92





ELANA

- Body material: Die-cast aluminum
- Optical system: Lens+ Anti-glare reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-30° vertical aiming tilt
- Cutout: Ø75mm
- Ceiling thickness: 5mm-15mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1150lm
13W 3000K 1495lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.45Kg

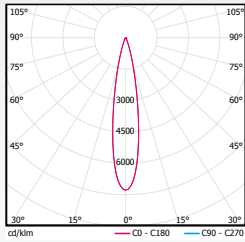


Model	Size	Trim	LED	System Lumens	Driver	Beam	USYJUF	CCT	Reflector	Finish						
DDG Downlight Directional G series	3	3"	1	Round Trim	E D	ON-OFF 0-10V Dimming	N	13° 18° 28° 36°	27 30 35 40 50	2700K 3000K 3500K 4000K 5000K	S G	Specular Gloss	WT BK	White Black		
															LM07 COB7W	466lm(@7W 3000K 13°)
															LM10 COB10W	721lm(@7W 3000K 18°)
															LM13 COB13W	715lm(@7W 3000K 28°)
																720lm(@7W 3000K 36°)
																520lm(@10W 3000K 13°)
					N	No Driver										817lm(@10W 3000K 18°)
																796lm(@10W 3000K 28°)
																823lm(@10W 3000K 36°)
																676lm(@13W 3000K 13°)
																1062lm(@13W 3000K 18°)
			1035lm(@13W 3000K 28°)													
			1070lm(@13W 3000K 36°)													

Example: DDG31-LM07E-N30GWT

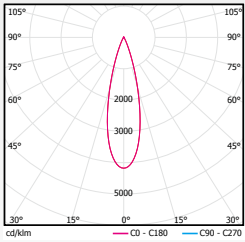
DDG31-LM10E-130GWT

0° Aiming Angle			
D(m)	LUX	w	l
1	6028	0.33	0.33
2	1507	0.66	0.66
3	670	0.99	0.99
4	377	1.32	1.32



DDG31-LM10E-230GWT

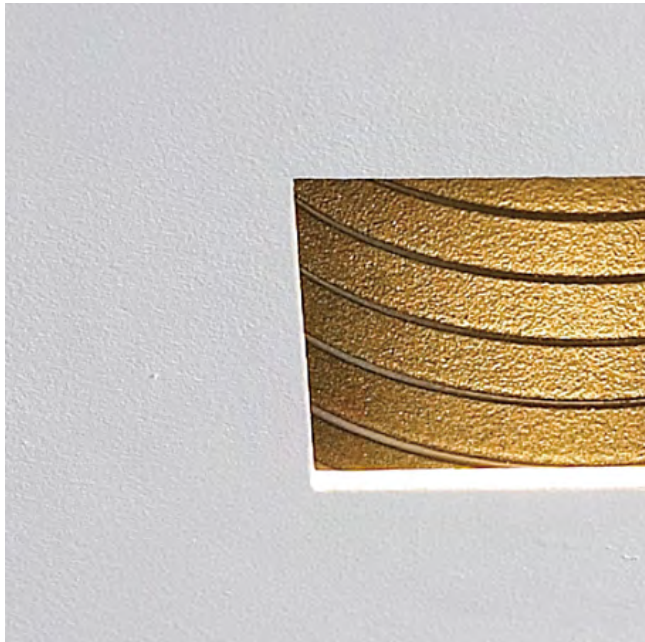
0° Aiming Angle			
D(m)	LUX	w	l
1	3396	0.48	0.48
2	849	0.96	0.96
3	377	1.44	1.44
4	212	1.92	1.92



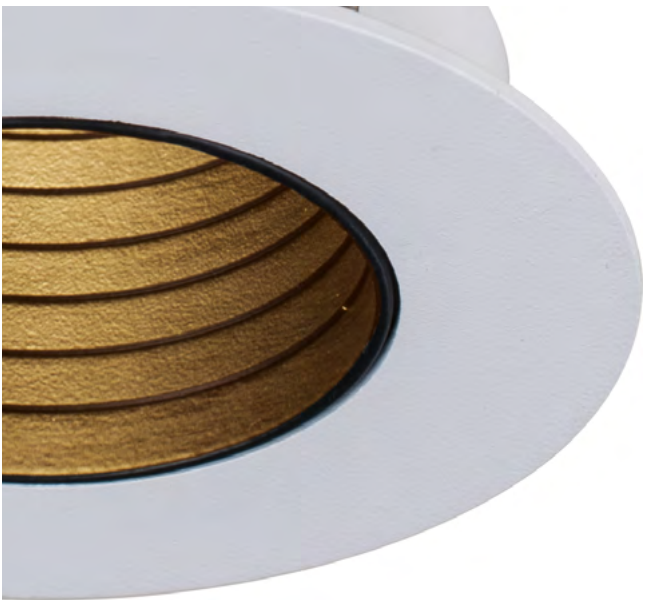
Shenzhen Whittle School
Shenzhen City

ELANA II

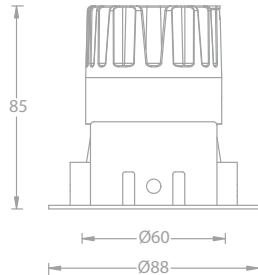
Special optical system with superior glare control



Various trims are available



IP44 rated aperture, suitable for damp locations



ELANA II

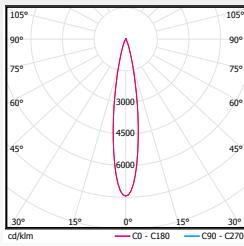
- Body material: Die-cast aluminum
- Optical system: Lens +Step Baffle Anti-glare trim
- Finish: Environmentally safe powder coat
- Cutout: Ø78mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1100lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.65Kg



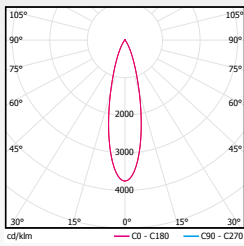
Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DLF <i>Downlight F series</i>	3 3"	1 Round Trim	LM07 COB 7W LM10 COB 10W	482lm(@7W 3000K 18°) 462lm(@7W 3000K 24°) 522lm(@7W 3000K 36°) 603lm(@10W 3000K 18°) 578lm(@10W 3000K 24°) 653lm(@10W 3000K 36°)	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 40 4000K	1 18° 2 24° 3 36°	B Black WT White	

Example: DLF31-LM07E-302BWT

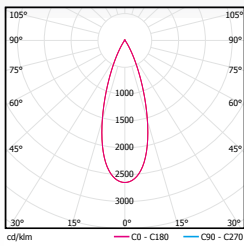
DLF31-LM10E-301BWT			
0°AIMING ANGLE			
D(m)	LUX	W	L
1	4517	0.31	0.31
2	1129	0.62	0.62
3	502	0.93	0.93
4	282	1.24	1.24

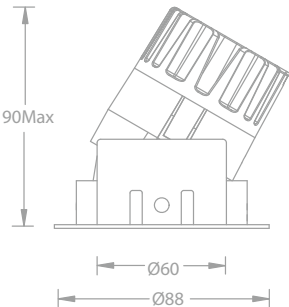


DLF31-LM10E-302BWT			
0°AIMING ANGLE			
D(m)	LUX	W	L
1	2180	0.46	0.46
2	545	0.92	0.92
3	242	1.38	1.38
4	136	1.84	1.84



DLF31-LM10E-303BWT			
0°AIMING ANGLE			
D(m)	LUX	W	L
1	1755	0.63	0.63
2	439	1.26	1.26
3	195	1.89	1.89
4	110	2.52	2.52





ELANA II

- Body material: Die-cast aluminum
- Optical system: Lens + Step Baffle Anti-glare trim
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-40° vertical aiming tilt
- Cutout: Ø78mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1100lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.65Kg

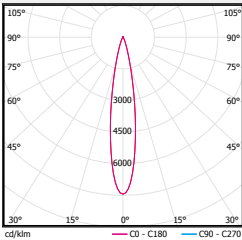


Model	Size		Trim	LED Power		System Lumens	Driver	CCT	Beam	Reflector	Finish
DDF Downlight Directional F series	3	3"	1 Round Trim	LM07 LM10	COB 7W COB 10W	482lm(@7W 3000K 18°) 462lm(@7W 3000K 24°) 522lm(@7W 3000K 36°) 603lm(@10W 3000K 18°) 578lm(@10W 3000K 24°) 653lm(@10W 3000K 36°)	E D ON-OFF 0-10V Dimming	27 2700K 30 3000K 40 4000K	1 18° 2 24° 3 36°	B Black	WT White

Example: DDF31-LM07E-302BWT

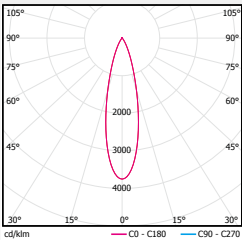
DDF31-LM10E-301BWT

0°AIMING ANGLE				
D(m)	LUX	W	L	
1	4517	0.31	0.31	
2	1129	0.62	0.62	
3	502	0.93	0.93	
4	282	1.24	1.24	



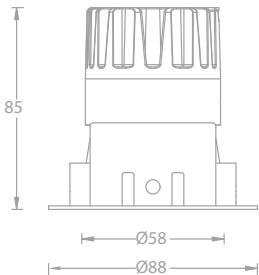
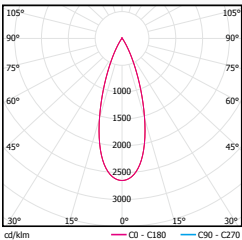
DDF31-LM10E-302BWT

0°AIMING ANGLE				
D(m)	LUX	W	L	
1	2180	0.46	0.46	
2	545	0.92	0.92	
3	242	1.38	1.38	
4	136	1.84	1.84	



DDF31-LM10E-303BWT

0°AIMING ANGLE				
D(m)	LUX	W	L	
1	1755	0.63	0.63	
2	439	1.26	1.26	
3	195	1.89	1.89	
4	110	2.52	2.52	



ELANA II

- Body material: Die-cast aluminum
- Optical system: Lens + Anti-glare frame
- Finish: Environmentally safe powder coat
- Cutout: Ø78mm
- Ceiling thickness: 1-25mm
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1100lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.65Kg

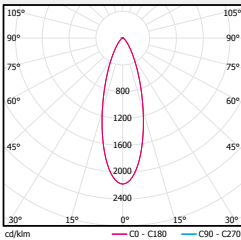


Model	Size		Trim	LED Power		System Lumens	Driver	CCT	Beam	Reflector	Finish
DLF Downlight F Series	3	3"	3 Round Trim IP44(Aperture)	LM07 LM10	COB 7W COB 10W	453lm(@7W 3000K 24°) 493lm(@7W 3000K 38°) 566lm(@10W 3000K 24°) 616lm(@10W 3000K 38°)	E D ON-OFF 0-10V Dimming	27 2700K 30 3000K 40 4000K	2 24° 3 38°	B Black	WT White

Example: DLF33-LM07E-302BWT

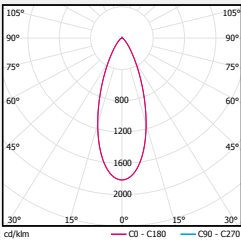
DLF33-LM10E-302BWT

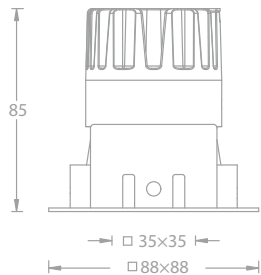
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	1922	0.58	0.58	
2	481	1.16	1.16	
3	214	1.74	1.74	
4	120	0.32	0.32	



DLF33-LM10E-303BWT

0°AIMING ANGLE				
D(m)	LUX	W	L	
1	1119	0.69	0.69	
2	280	1.38	1.38	
3	124	2.07	2.07	
4	70	2.76	2.76	





ELANA II

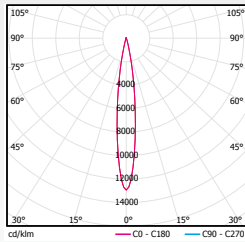
- Body material: Die-cast aluminum
- Optical system: Lens + Step Baffle Anti-glare frame
- Finish: Environmentally safe powder coat
- Cutout: Ø78mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1100lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.65Kg



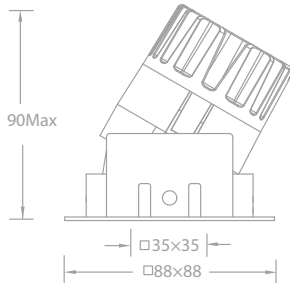
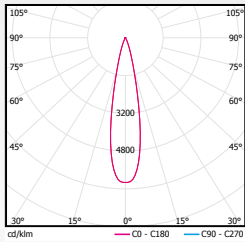
Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DLF <i>Downlight F Series</i>	3 3"	5 Square Trim	LM07 COB 7W LM10 COB 10W	394lm(@7W 3000K 15°) 439lm(@7W 3000K 24°) 496lm(@7W 3000K 36°) 483lm(@10W 3000K 15°) 539lm(@10W 3000K 24°) 609lm(@10W 3000K 36°)	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 40 4000K	1 15° 2 24° 3 36°	B Black	WT White

Example: DLF35-LM07E-302BWT

DLF35-LM10E-301BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	6248	0.24	0.24	
2	1562	0.48	0.48	
3	694	0.72	0.72	
4	391	0.96	0.96	



DLF35-LM10E-302BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	3305	0.38	0.38	
2	826	0.76	0.76	
3	367	1.14	1.14	
4	207	1.52	1.52	



ELANA II

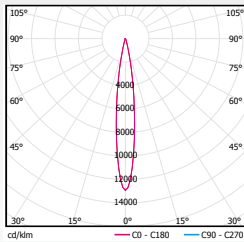
- Body material: Die-cast aluminum
- Optical system: Lens + Step Baffle Anti-glare frame
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-40° vertical aiming tilt
- Cutout: Ø78mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1100lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.65Kg



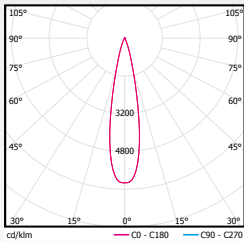
Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DDF <i>Downlight Directional F series</i>	3 3"	5 Square Trim	LM07 COB 7W LM10 COB 10W	394lm(@7W 3000K 15°) 439lm(@7W 3000K 24°) 496lm(@7W 3000K 36°) 483lm(@10W 3000K 15°) 539lm(@10W 3000K 24°) 609lm(@10W 3000K 36°)	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 40 4000K	1 15° 2 24° 3 36°	B Black	WT White

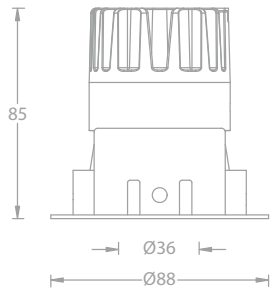
Example: DDF35-LM07E-302BWT

DDF35-LM10E-301BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	6248	0.24	0.24	
2	1562	0.48	0.48	
3	694	0.72	0.72	
4	391	0.96	0.96	



DDF35-LM10E-302BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	3305	0.38	0.38	
2	826	0.76	0.76	
3	367	1.14	1.14	
4	207	1.52	1.52	





ELANA II

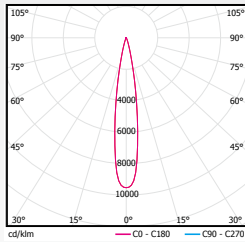
- Body material: Die-cast aluminum
- Optical system: Lens + Step Baffle Anti-glare frame
- Finish: Environmentally safe powder coat
- Cutout: Ø78mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1100lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.65Kg



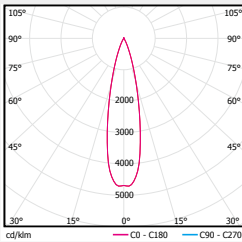
Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DLF <i>Downlight F Series</i>	3	3"	P Pin hole	LM07 COB 7W LM10 COB 10W	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 40 4000K	1 15° 2 24° 3 36°	B Black	WT White

Example: DLF3P-LM07E-302BWT

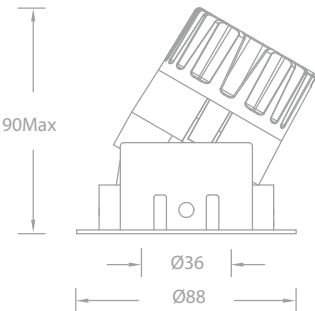
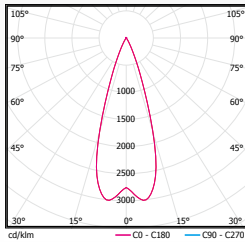
DLF3P-LM10E-302BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	3692	0.29	0.29	
2	923	0.58	0.58	
3	410	0.87	0.87	
4	231	1.16	1.16	



DLF3P-LM10E-302BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	2057	0.43	0.43	
2	514	0.86	0.86	
3	229	1.29	1.29	
4	129	1.72	1.72	



DLF3P-LM10E-303BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	1384	0.61	0.61	
2	346	1.22	1.22	
3	154	1.83	1.83	
4	87	2.44	2.44	



ELANA II

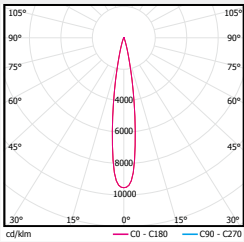
- Body material: Die-cast aluminum
- Optical system: Lens + Step Baffle Anti-glare frame
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-355° horizontal rotation and 0°-40° vertical aiming tilt
- Cutout: Ø78mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1100lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.65Kg



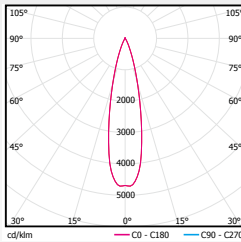
Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DDF <i>Downlight Directional F series</i>	3	3"	P Pin hole	LM07 COB 7W LM10 COB 10W	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 40 4000K	1 15° 2 24° 3 36°	B Black	WT White

Example: DDF3P-LM07E-302BWT

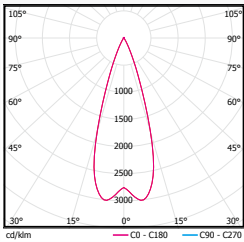
DDF3P-LM10E-302BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	3692	0.29	0.29	
2	923	0.58	0.58	
3	410	0.87	0.87	
4	231	1.16	1.16	

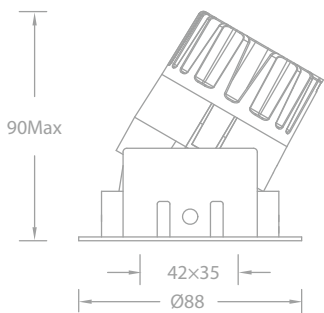


DDF3P-LM10E-302BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	2057	0.43	0.43	
2	514	0.86	0.86	
3	229	1.29	1.29	
4	129	1.72	1.72	



DDF3P-LM10E-303BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	1384	0.61	0.61	
2	346	1.22	1.22	
3	154	1.83	1.83	
4	87	2.44	2.44	





ELANA II

- Body material: Die-cast aluminum
 - Optical system: Lens + Step Baffle Anti-glare frame
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-40° vertical aiming tilt
- Cutout: Ø78mm
 - Ceiling thickness: 1-25mm
 - Cut off angle: 35°
 - LED type: COB
 - LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1100lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 0.65Kg

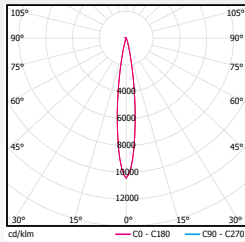


Model	Size		Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DDF Downlight Directional F series	3	3"	E Oval hole	LM07 LM10	COB 7W COB 10W	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 40 4000K	1 15° 2 24° 3 36°	B Black	WT White

Example: DDF3E-LM07E-301BWT

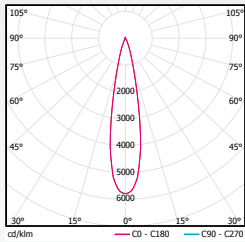
DDF3E-LM10E-301BWT

0°AIMING ANGLE			
D(m)	LUX	W	L
1	4496	0.25	0.25
2	1124	0.5	0.5
3	500	0.75	0.75
4	281	1	1



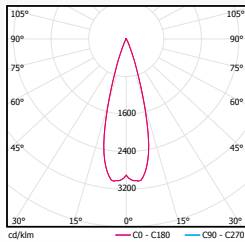
DDF3E-LM10E-302BWT

0°AIMING ANGLE			
D(m)	LUX	W	L
1	3203	0.36	0.36
2	801	0.72	0.72
3	356	1.08	1.08
4	200	1.44	1.44



DDF3E-LM10E-303BWT

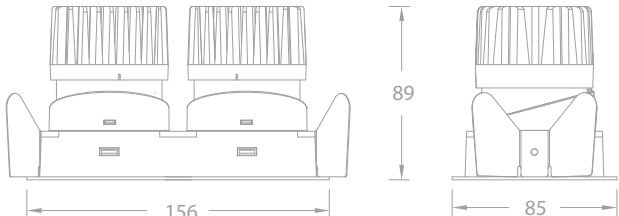
0°AIMING ANGLE			
D(m)	LUX	W	L
1	1699	0.54	0.54
2	425	1.08	1.08
3	189	1.62	1.62
4	106	2.16	2.16



J Hotel Shanghai Tower
Shanghai



Multiple Spots



ULTRA Trim

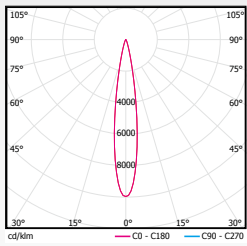
- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: □ 75mm x 152mm
- Ceiling thickness: 5mm- 25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 1600lm
10W 3000K 2300lm
13W 3000K 2990lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.9Kg



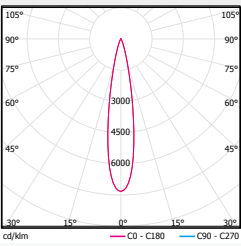
Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
MTN Multiple Downlight N series	3 3"	5 Rectangular Trim	208	COB 2x8W 466lm(@7W 3000K 13°) 721lm(@7W 3000K 18°) 715lm(@7W 3000K 28°) 720lm(@7W 3000K 36°) 520lm(@10W 3000K 13°) 817lm(@10W 3000K 18°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	S Specular B Black	WT White BK Black
			207	COB 2x7W 817lm(@10W 3000K 18°)					
			210	COB 2x10W 796lm(@10W 3000K 28°)					
			213	COB 2x13W 823lm(@10W 3000K 36°) 676lm(@13W 3000K 13°) 1062lm(@13W 3000K 18°)					
			213	COB 2x13W 1035lm(@13W 3000K 28°) 1070lm(@13W 3000K 36°)					

Example: MTN35-207E-N30SWT

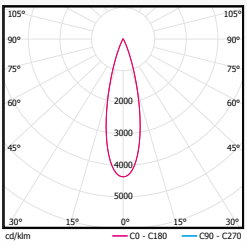
MTN35-207E-N30SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	8174	0.28	0.28
2	2044	0.56	0.56
3	908	0.84	0.84
4	511	1.12	1.12



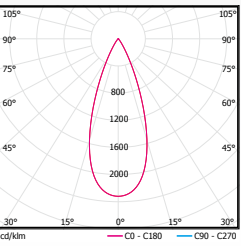
MTN35-207E-130SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	6848	0.33	0.33
2	1712	0.66	0.66
3	761	0.99	0.99
4	428	1.32	1.32



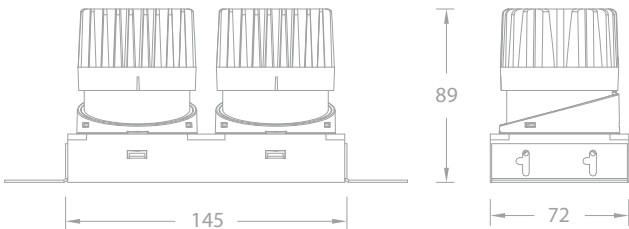
MTN35-207E-230SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	4511	0.48	0.48
2	1128	0.96	0.96
3	501	1.44	1.44
4	282	1.92	1.92



MTN35-207E-330SWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	2375	0.70	0.70
2	594	1.40	1.40
3	264	2.10	2.10
4	148	2.80	2.80



Nantong Grand Theater
Nantong, Jiangsu Province



ULTRA Trimless

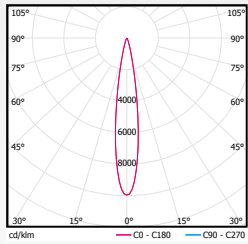
- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Cutout: □ 75mm x 143mm
- Ceiling thickness: 5mm- 25mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 1600lm
10W 3000K 2300lm
13W 3000K 2990lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.72Kg



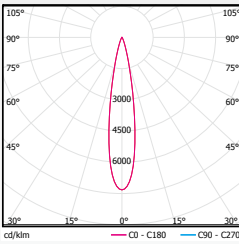
Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
MTN Multiple Downlight N series	3 3"	6 Rectangular Trimless	208 COB 2x8W	466lm(@7W 3000K 13°)	E D ON-OFF 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	S B Specular Black	WT BK White Black
				721lm(@7W 3000K 18°)					
			210 COB 2x10W	715lm(@7W 3000K 28°)		N 13°			
				720lm(@7W 3000K 36°)					
			213 COB 2x13W	520lm(@10W 3000K 13°)		2 28°			
				817lm(@10W 3000K 18°)					
213 COB 2x13W	796lm(@10W 3000K 28°)	N No Driver							
	823lm(@10W 3000K 36°)								
			676lm(@13W 3000K 13°)						
				1062lm(@13W 3000K 18°)					
				1035lm(@13W 3000K 28°)					
				1070lm(@13W 3000K 36°)					

Example: MTN36-207E-N30SWT

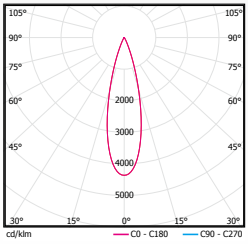
MTN36-207E-N30SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8174	0.28	0.28	
2	2044	0.56	0.56	
3	908	0.84	0.84	
4	511	1.12	1.12	



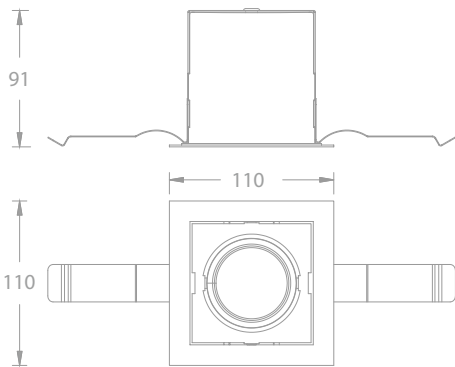
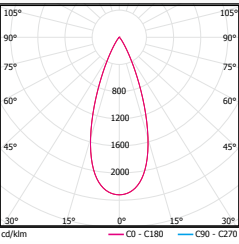
MTN36-207E-130SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	6848	0.33	0.33	
2	1712	0.66	0.66	
3	761	0.99	0.99	
4	428	1.32	1.32	



MTN36-207E-230SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	4511	0.48	0.48	
2	1128	0.96	0.96	
3	501	1.44	1.44	
4	282	1.92	1.92	



MTN36-207E-330SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2375	0.70	0.70	
2	594	1.40	1.40	
3	264	2.10	2.10	
4	148	2.80	2.80	



MINI MT Trim

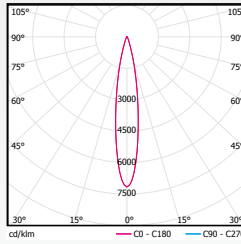
- Body material: Die-cast aluminum heat sink
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: -20° to 20° Horizontal rotation and -20° to 20° vertical aiming tilt
- Accessories/Brackets: Snoot and honeycomb available (order separately)
- Cutout: □ 95mm x 95mm
- Ceiling thickness: 6mm- 25mm
- LED type: COB LED
- LED wattage, CCT, lumen output: 7W 3000K 760lm
10W 3000K 1020lm
15W 3000K 1640lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.7Kg



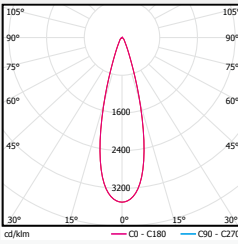
Model	LED Power	System Lumens	Driver	Trim	Beam Angle	CRI	CCT	Finish
MT311	07	537lm(@7W 3000K 17°) 537lm(@7W 3000K 27°) 589lm(@7W 3000K 40°) 701lm(@10W 3000K 17°) 702lm(@10W 3000K 27°) 769lm(@10W 3000K 40°) 1162lm(@15W 3000K 17°) 1137lm(@15W 3000K 27°) 1234lm(@15W 3000K 40°)	COB 7 W COB 10 W COB 15 W	E D ON-OFF 0-10V Dimming	T Trim	9 90	27 2700K 30 3000K 40 4000K	BK Black WT White
	10							
	15							

Example: MT311-07E-T1927BK

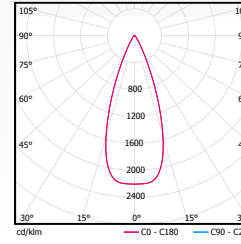
MT311-15E-T1930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8319	0.3	0.3	
2	2080	0.6	0.6	
3	924	0.9	0.9	
4	520	1.2	1.2	

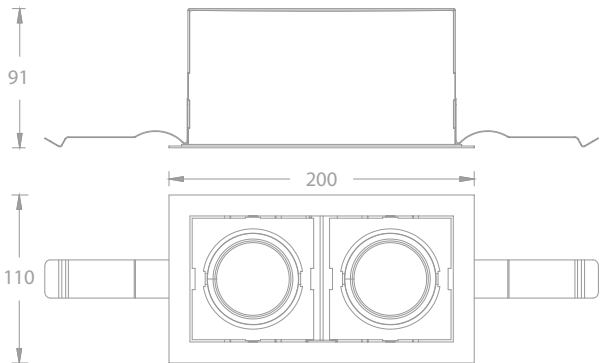


MT311-15E-T2930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	3972	0.5	0.5	
2	993	1	1	
3	441	1.5	1.5	
4	248	2	2	



MT311-15E-T4930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2720	0.7	0.7	
2	680	1.4	1.4	
3	302	2.1	2.1	
4	170	2.8	2.8	





MINI MT Trim

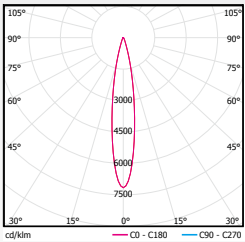
- Body material: Die-cast aluminum heat sink
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: -20°-20° horizontal rotation and -20°-20° vertical aiming tilt
- Accessories/Brackets: Snoot and honeycomb available (order separately)
- Cutout: □ 185mm x 95mm
- Ceiling thickness: 6mm- 25mm
- LED type: COB LED
- LED wattage, CCT, lumen output: 2x7W 3000K 2x760lm
2x10W 3000K 2x1020lm
2x15W 3000K 2x1640lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.15Kg



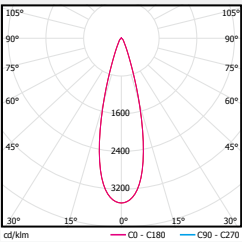
Model	LED Power		System Lumens	Driver	Trim	Beam Angle		CRI		CCT	Finish
MT311	207	COB 2x7 W	1074lm(@14W 3000K 17°)	E ON-OFF D 0-10V Dimming	T Trim	1	17°	9	90	27	BK Black WT White
	210	COB 2x10 W	1074lm(@14W 3000K 27°)			2	27°			30	
	215	COB 2x15 W	1178lm(@14W 3000K40°)			4	40°			40	
			1402lm(@20W 3000K 17°)								
		1404lm(@20W 3000K 27°)									
			1538lm(@20W 3000K 40°)								
			2324lm(@30W 3000K 17°)								
			2274lm(@30W 3000K 27°)								
			2468lm(@30W 3000K 40°)								

Example: MT311-207E-T1927BK

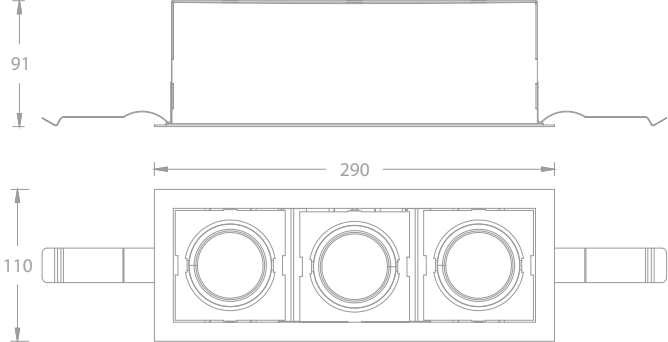
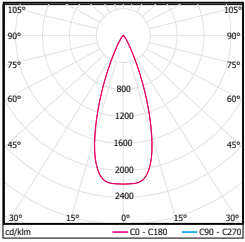
MT311-215E-T1930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8319	0.3	0.3	
2	2080	0.6	0.6	
3	924	0.9	0.9	
4	520	1.2	1.2	



MT311-215E-T2930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	3972	0.5	0.5	
2	993	1	1	
3	441	1.5	1.5	
4	248	2	2	



MT311-215E-T4930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2720	0.7	0.7	
2	680	1.4	1.4	
3	302	2.1	2.1	
4	170	2.8	2.8	



MINI MT Trim

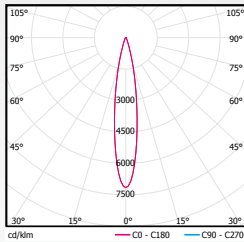
- Body material: Die-cast aluminum heat sink
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: -20° to 20° Horizontal rotation and -20° to 20° vertical aiming tilt
- Accessories/Brackets: Snoot and honeycomb available (order separately)
- Cutout: □ 275mm x 95mm
- Ceiling thickness: 6mm- 25mm
- LED type: COB LED
- LED wattage, CCT, lumen output: 3x7W 3000K 3x760lm
3x10W 3000K 3x1020lm
3x15W 3000K 3x1640lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.6Kg



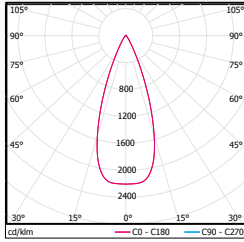
Model	LED Power		System Lumens	Driver	Trim	Beam Angle		CRI		CCT	Finish
MT311			1611lm(@21W 3000K 17°)								
			1611lm(@21W 3000K 27°)								
			1767lm(@21W 3000K40°)								
	307	COB 3x7 W	2103lm(@30W 3000K 17°)	E ON-OFF D 0-10V Dimming	T Trim	1	17°	9 90	27 2700K	BK Black WT White	
310	COB 3x10 W	2106lm(@30W 3000K 27°)	2			27°	30 3000K				
315	COB 3x15 W	2307lm(@30W 3000K 40°)	4			40°	40 4000K				
		3486lm(@45W 3000K 17°)									
		3411lm(@45W 3000K 27°)									
		3702lm(@45W 3000K 40°)									

Example: MT311-307E-T1927BK

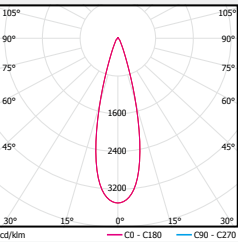
MT311-315E-T1930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8319	0.3	0.3	
2	2080	0.6	0.6	
3	924	0.9	0.9	
4	520	1.2	1.2	

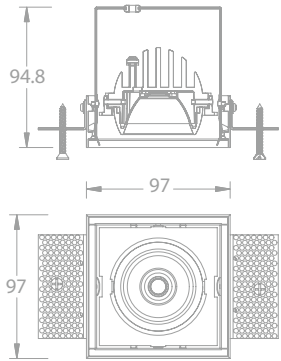


MT311-315E-T4930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2720	0.7	0.7	
2	680	1.4	1.4	
3	302	2.1	2.1	
4	170	2.8	2.8	



MT311-315E-T2930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	3972	0.5	0.5	
2	993	1	1	
3	441	1.5	1.5	
4	248	2	2	





MINI MT Trimless

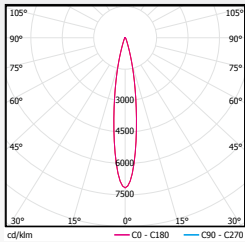
- Body material: Die-cast aluminum heat sink
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: -20° to 20° Horizontal rotation and -20° to 20° vertical aiming tilt
- Accessories/Brackets: Snoot and honeycomb available (order separately)
- Cutout: □ 98mm x 98mm
- Ceiling thickness: 12mm- 22mm
- LED type: COB LED
- LED wattage, CCT, lumen output: 7W 3000K 760lm
10W 3000K 1020lm
15W 3000K 1640lm
- LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.7Kg



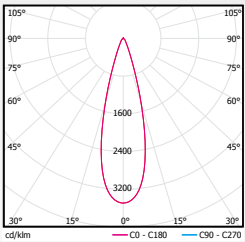
Model	LED Power		System Lumens	Driver	Beam Angle		CRI	CCT	Finish
MT311	07	COB 7 W	537lm(@7W 3000K 17°)	E D ON-OFF 0-10V Dimming	1	17°	9 90	27 2700K	BK Black
	10	COB 10 W	537lm(@7W 3000K 27°)		2	27°		30 3000K	
	15	COB 15W	589lm(@7W 3000K 40°)		4	40°		40 4000K	
			701lm(@10W 3000K 17°)						
			702lm(@10W 3000K 27°)						
			769lm(@10W 3000K 40°)						
			1162lm(@15W 3000K 17°)						
			1137lm(@15W 3000K 27°)						
			1234lm(@15W 3000K 40°)						

Example: MT311-07E-1927BK

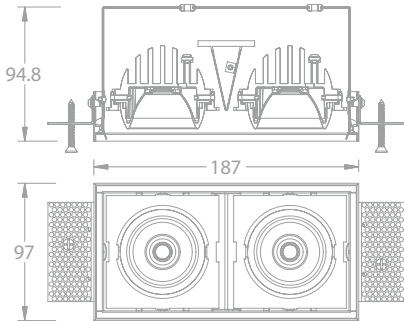
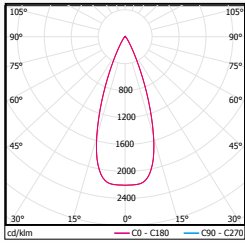
MT311-15E-1930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8319	0.3	0.3	
2	2080	0.6	0.6	
3	924	0.9	0.9	
4	520	1.2	1.2	



MT311-15E-2930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	3972	0.5	0.5	
2	993	1	1	
3	441	1.5	1.5	
4	248	2	2	



MT311-15E-4930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2720	0.7	0.7	
2	680	1.4	1.4	
3	302	2.1	2.1	
4	170	2.8	2.8	



MINI MT Trimless

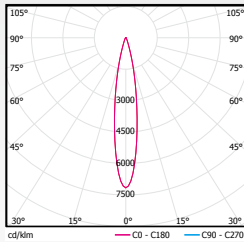
- Body material: Die-cast aluminum heat sink
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: -20° to 20° Horizontal rotation and -20° to 20° vertical aiming tilt
- Accessories/Brackets: Snoot and honeycomb available (order separately)
- Cutout: □ 188mm x 98mm
- Ceiling thickness: 12mm- 22mm
- LED type: COB LED
- LED wattage, CCT, lumen output: 2x7W 3000K 2x760lm
2x10W 3000K 2x1020lm
2x15W 3000K 2x1640lm
- LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.15Kg



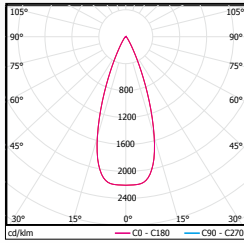
Model	LED Power		System Lumens	Driver	Beam Angle		CRI		CCT		Finish	
MT311	207 210 215	COB 2x7 W COB 2x10 W COB 2x15 W	1074lm(@14W 3000K 17°)	E ON-OFF D 0-10V Dimming	1 2 4	17° 27° 40°	9	90	27 30 40	2700K 3000K 4000K	BK	Black
			1074lm(@14W 3000K 27°)									
			1178lm(@14W 3000K 40°)									
			1402lm(@20W 3000K 17°)									
			1404lm(@20W 3000K 27°)									
			1538lm(@20W 3000K 40°)									
			2324lm(@30W 3000K 17°)									
			2274lm(@30W 3000K 27°)									
			2468lm(@30W 3000K 40°)									

Example: MT311-207E-1927BK

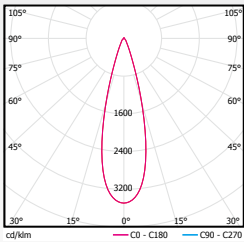
MT311-215E-1930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8319	0.3	0.3	
2	2080	0.6	0.6	
3	924	0.9	0.9	
4	520	1.2	1.2	

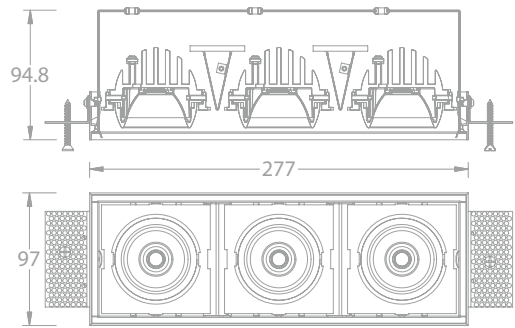


MT311-215E-4930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2720	0.7	0.7	
2	680	1.4	1.4	
3	302	2.1	2.1	
4	170	2.8	2.8	



MT311-215E-2930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	3972	0.5	0.5	
2	993	1	1	
3	441	1.5	1.5	
4	248	2	2	





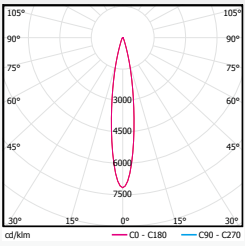
MINI MT Trimless

- Body material: Die-cast aluminum heat sink
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: -20° to 20° Horizontal rotation and -20° to 20° vertical aiming tilt
- Accessories/Brackets: Snoot and honeycomb available (order separately)
- Cutout: 278mm x 98mm
- Ceiling thickness: 12mm- 22mm
- LED type: COB LED
- LED wattage, CCT, lumen output: 3x7W 3000K 3x760lm
3x10W 3000K 3x1020lm
3x15W 3000K 3x1640lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.6Kg

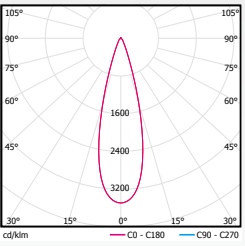
Model	LED Power	System Lumens	Driver	Beam Angle	CRI	CCT	Finish
MT311	307	COB 3x7 W	E D ON-OFF 0-10V Dimming	1	9 90	27 2700K	BK Black
	310	COB 3x10 W		2		30 3000K	
	315	COB 3x15 W		4		40 4000K	
		1611lm(@21W 3000K 17°) 1611lm(@21W 3000K 27°) 1767lm(@21W 3000K 40°) 2103lm(@30W 3000K 17°) 2106lm(@30W 3000K 27°) 2307lm(@30W 3000K 40°) 3486lm(@45W 3000K 17°) 3411lm(@45W 3000K 27°) 3702lm(@45W 3000K 40°)					

Example: MT311-307E-1927BK

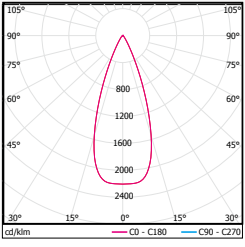
MT311-315E-1930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8319	0.3	0.3	
2	2080	0.6	0.6	
3	924	0.9	0.9	
4	520	1.2	1.2	



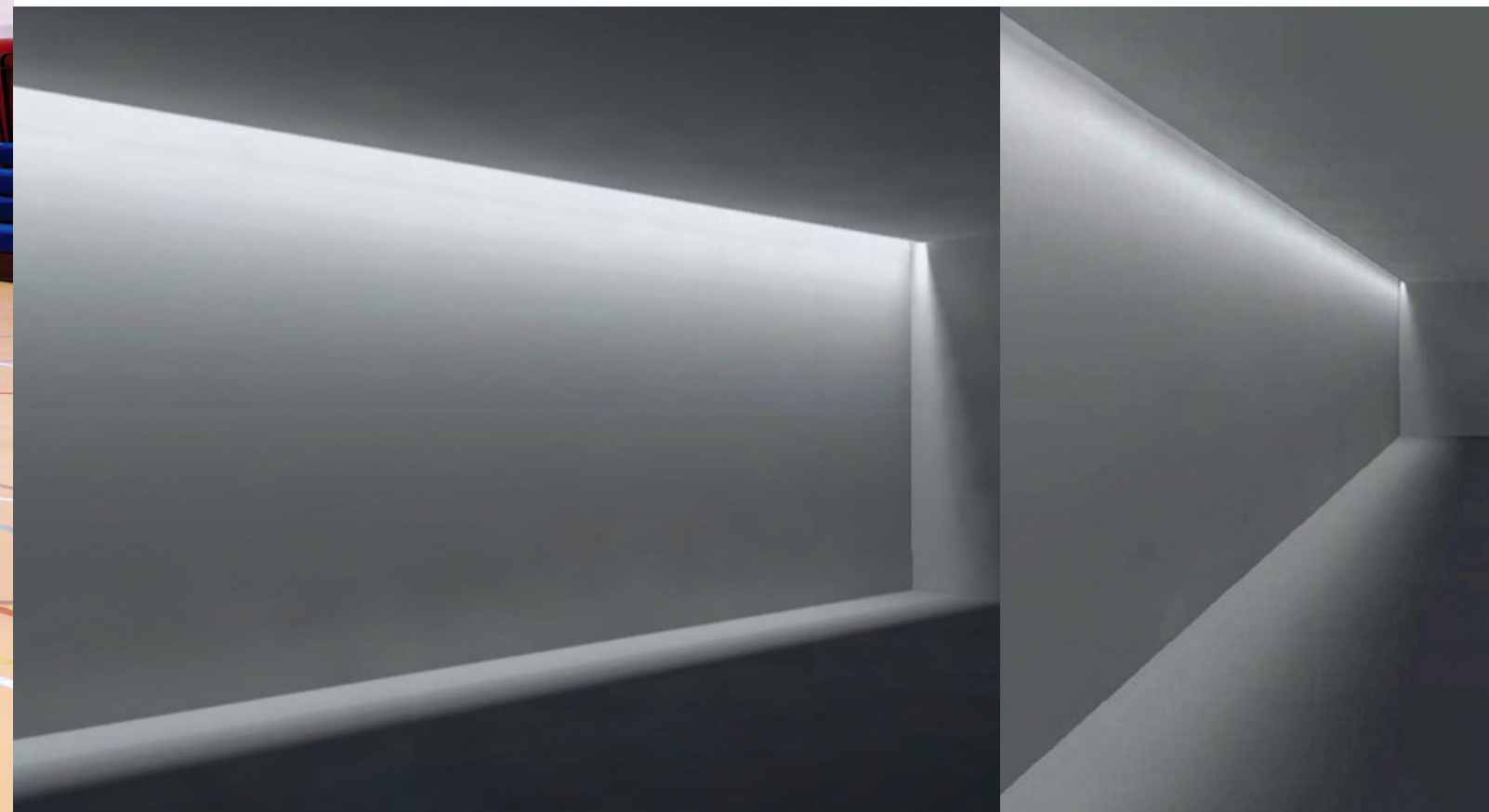
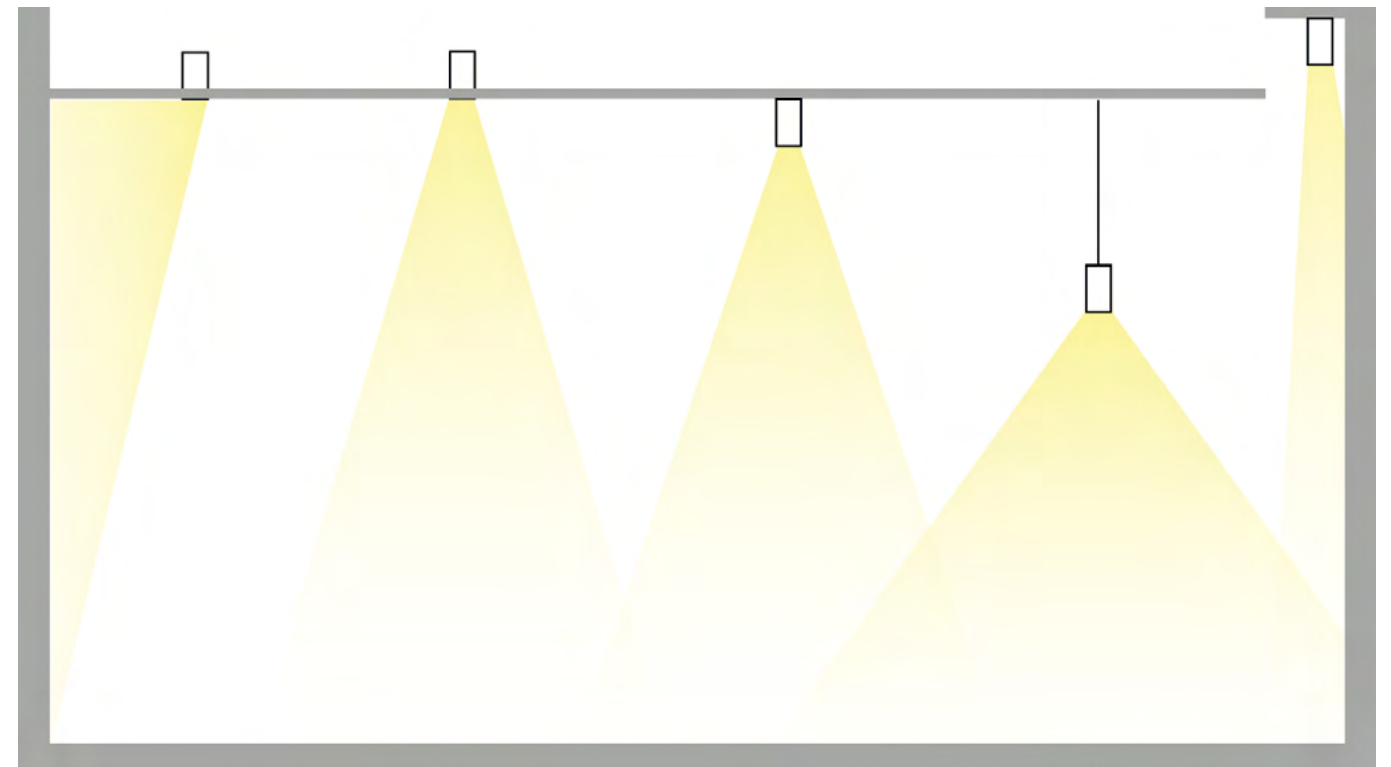
MT311-315E-2930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	3972	0.5	0.5	
2	993	1	1	
3	441	1.5	1.5	
4	248	2	2	

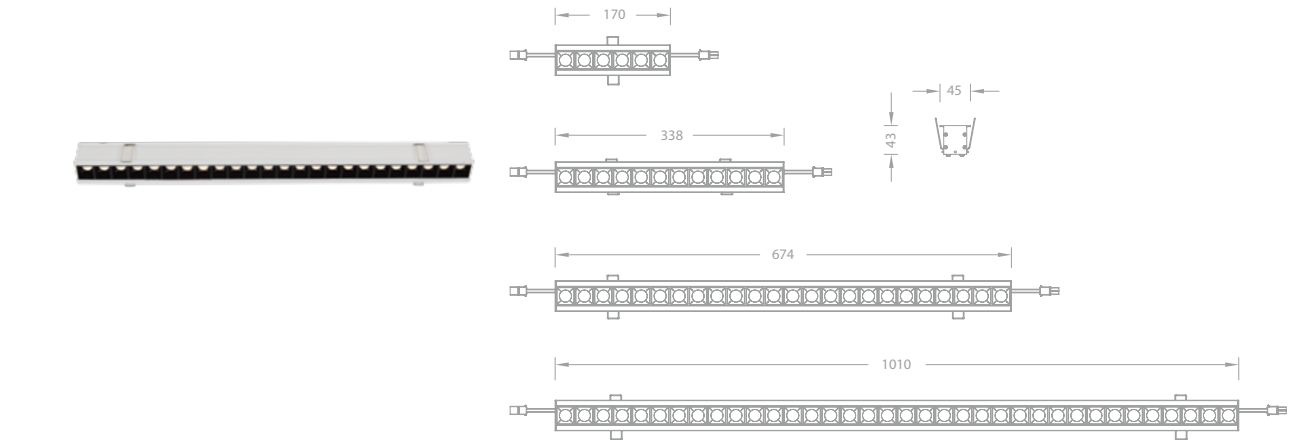


MT311-315E-4930BK				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2720	0.7	0.7	
2	680	1.4	1.4	
3	302	2.1	2.1	
4	170	2.8	2.8	



DA City
Foshan, Guangdong Province





LIGNE Pro Graze

- Body material: Extruded aluminum
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Environmentally safe powder coat
- Cutout: Width 37mm
 - Ceiling thickness: 1-25mm
 - Cut off angle: 35°
 - LED type: SMD
 - LED wattage, CCT, lumen output: 18W/m 3000K 1600lm
30W/m 3000K 2600lm
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Dimming control: Mandated by 24v power supply
 - Net weight: 1.3Kg



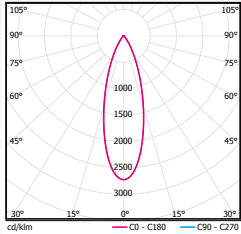
Model	LED Power		LED Num.		Length	System Lumens	Driver	Beam	CCT	Reflector	Finish
LGAR5 Linear Graze A series Recessed mounting	18 30	18W/m 30W/m	06	6pcs	170mm	1178lm(@18W/m 3000K 16°) 1210lm(@18W/m 3000K 22°) 1213lm(@18W/m 3000K 33°) 940lm(@18W/m 3000K 44°)	N No driver	E 22° x 44° 1 16° 2 22° 3 33° 4 44°	27 2700K 30 3000K 40 4000K	B Black	WT White BK Black
			12	12pcs	338mm	1002lm(@18W/m 3000K 22° x 44°)					
			24	24pcs	674mm	1840lm(@30W/m 3000K 16°)					
			36	36pcs	1010mm	1891lm(@30W/m 3000K 22°)					
						1895lm(@30W/m 3000K 33°) 1469lm(@30W/m 3000K 44°) 1561lm(@30W/m 3000K 22° x 44°)					

Example: LGAR5-3036N-230BWT

Simulated data (LGAR5-1836N-230BBK)

Specifications:

Wall height (m) 4.5
Wall width (m) 10
Offset from Wall (m) 0.2



(m)	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5
4.375	150	134	132	133	132	131	132	132	134	149
4.125	311	294	292	293	292	292	293	292	294	307
3.875	305	293	291	292	291	290	291	292	293	300
3.625	248	242	241	241	241	241	241	241	242	240
3.375	184	182	181	181	180	181	181	181	182	175
3.125	151	150	148	149	149	148	149	148	149	142
2.875	117	119	118	118	117	118	118	118	118	111
2.625	101	102	101	101	101	100	101	101	101	94
2.375	82	83	82	82	82	82	82	82	82	76
2.125	74	76	76	76	76	76	76	76	74	69
1.875	64	65	66	66	65	65	65	65	64	59
1.625	56	57	58	58	58	58	58	57	56	52
1.375	50	51	52	52	51	51	51	51	49	46
1.125	48	48	49	49	49	49	49	49	47	44
0.875	45	45	47	47	47	47	47	46	44	41
0.625	42	42	43	44	43	43	43	43	40	39
0.375	40	40	42	42	42	42	42	42	38	36
0.125	38	38	40	40	40	40	40	39	36	35



LIGNE Pro Downlight

- Body material: Extruded aluminum
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Environmentally safe powder coat
- Cutout: □ 39mm x 39mm
 - Ceiling thickness: 1-25mm
 - Cut off angle: 35°
 - LED type: High Power LED
 - LED CCT, lumen output: 3000K 250lm
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 0.15Kg



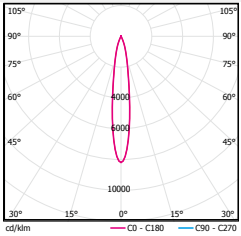
Model	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
LLAR5 Linear Downlights A series Recessed mounting	LD02 2W	132lm(@2W 3000K 15°) 116lm(@2W 3000K 28°) 116lm(@2W 3000K 36°)	E ON-OFF	27 2700K 30 3000K 40 4000K	1 15°	B Black	WT White
					2 28°		
					3 36°		

Example: LLAR5-LD02E-271BWT

LLAR5-LD02E-301BWT

0°AIMING ANGLE

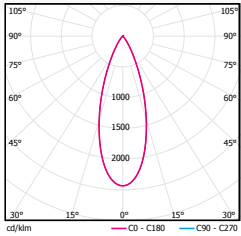
D(m)	LUX	W	L
1	1169	0.3	0.3
2	292	0.5	0.5
3	130	0.8	0.8
4	73	1.1	1.1



LLAR5-LD02E-303BWT

0°AIMING ANGLE

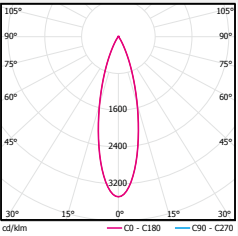
D(m)	LUX	W	L
1	280	0.6	0.6
2	70	1.3	1.3
3	31	1.9	1.9
4	18	2.6	2.6

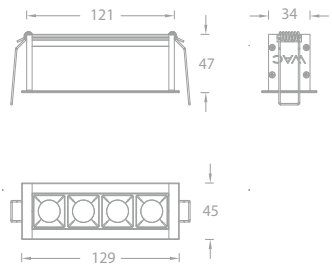


LLAR5-LD02E-302BWT

0°AIMING ANGLE

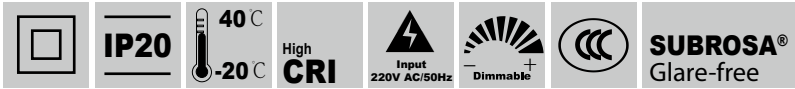
D(m)	LUX	W	L
1	395	0.5	0.5
2	99	1.0	1.0
3	44	1.5	1.5
4	25	2.0	2.0





LIGNE Pro Downlight

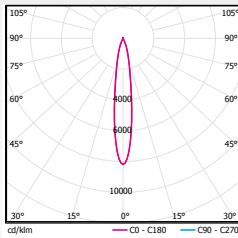
- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: □ 124mm x 38mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: High Power LED
- LED CCT, lumen output: 3000K 1000lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.45Kg



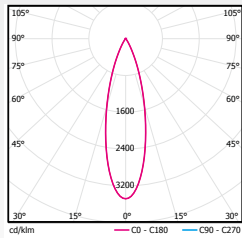
Model	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
LLAR5 <i>Linear Downlights A series Recessed mounting</i>	LD08 8W	452lm(@8W 3000K 15°) 437lm(@8W 3000K 28°) 434lm(@8W 3000K 36°)	E D ON-OFF 0-10V Dimming	27 2700K	1 15°	B Black	WT White
				30 3000K	2 28°		
				40 4000K	3 36°		

Example: LLAR5-LD08E-271BWT

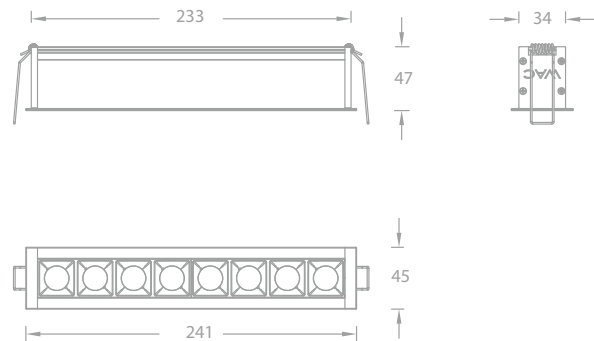
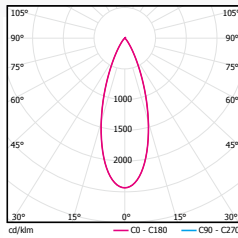
LLAR5-LD08E-301BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	3742	0.3	0.3	
2	936	0.5	0.5	
3	416	0.8	0.8	
4	234	1.1	1.1	



LLAR5-LD08E-302BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	1520	0.5	0.5	
2	380	1.0	1.0	
3	169	1.5	1.5	
4	95	2.0	2.0	

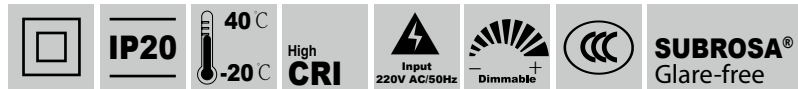


LLAR5-LD08E-303BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	1058	0.6	0.6	
2	265	1.3	1.3	
3	118	1.9	1.9	
4	66	2.6	2.6	



LIGNE Pro Downlight

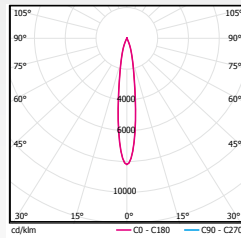
- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: □ 236mm x 38mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: High Power LED
- LED CCT, lumen output: 3000K 2000lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.6Kg



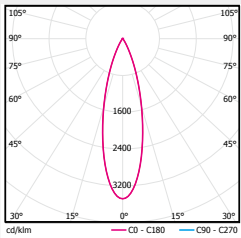
Model	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
LLAR5 <i>Linear Downlights A series Recessed mounting</i>	LD16 16W	928lm(@16W 3000K 15°) 899lm(@16W 3000K 26°) 901lm(@16W 3000K 36°)	E D ON-OFF 0-10V Dimming	27 2700K	1 15°	B Black	WT White
				30 3000K	2 26°		
				40 4000K	3 36°		

Example: LLAR5-LD16E-271BWT

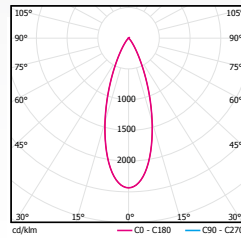
LLAR5-LD16E-301BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	7910	0.3	0.3	
2	1978	0.5	0.5	
3	879	0.8	0.8	
4	494	1.1	1.1	

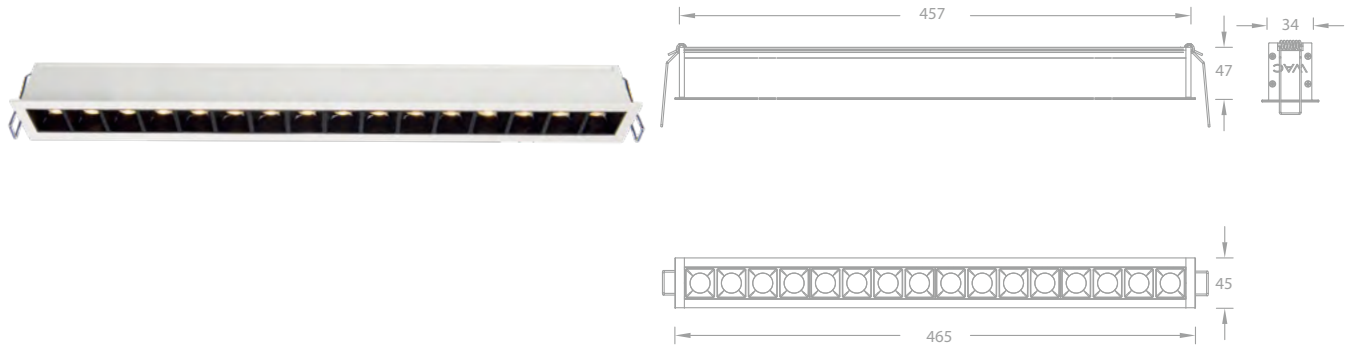


LLAR5-LD16E-302BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	3440	0.5	0.5	
2	860	1.0	1.0	
3	382	1.5	1.5	
4	215	2.0	2.0	



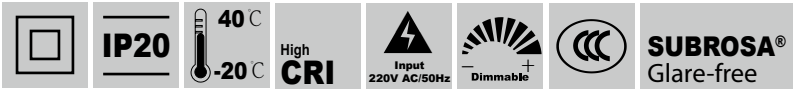
LLAR5-LD16E-303BWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	2142	0.6	0.6	
2	536	1.3	1.3	
3	238	1.9	1.9	
4	134	2.6	2.6	





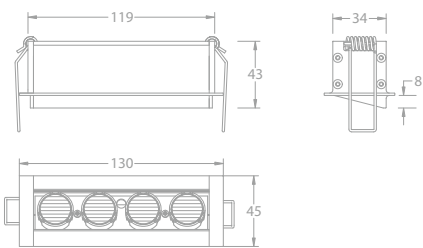
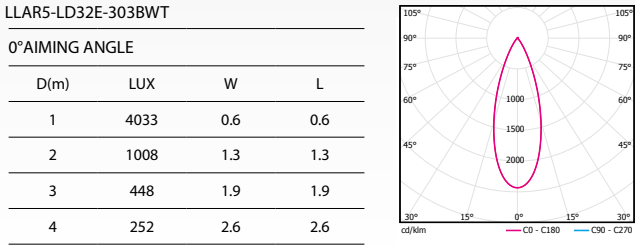
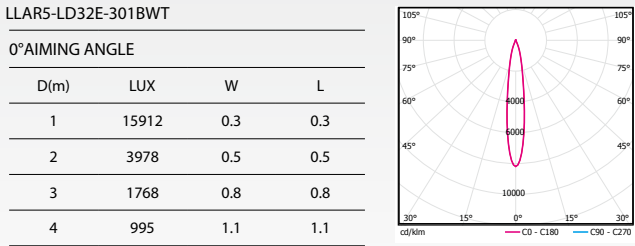
LIGNE Pro Downlight

- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: □ 460mm x 38mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: High Power LED
- LED CCT, lumen output: 3000K 4000lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.1Kg



Model	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
LLAR5 Linear Downlights A series Recessed mounting	LD32 32W	1921lm(@32W 3000K 15°) 1796lm(@32W 3000K 26°) 1733lm(@32W 3000K 36°)	E D ON-OFF 0-10V Dimming	27 2700K	1 15°	B Black	WT White
				30 3000K	2 26°		
				40 4000K	3 36°		

Example: LLAR5-LD32E-271BWT



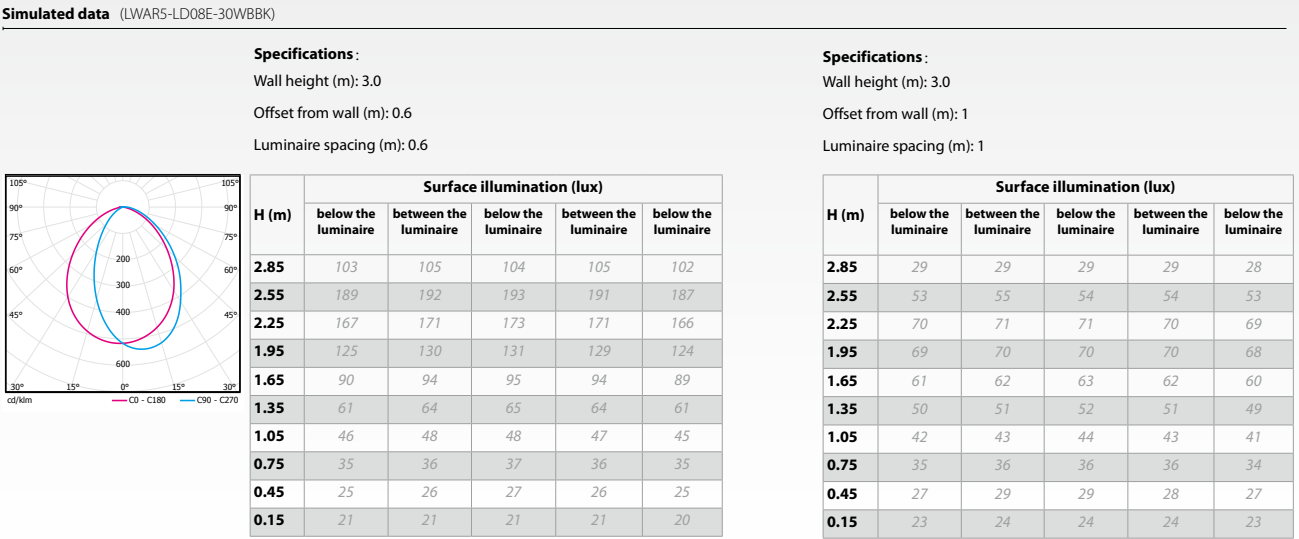
LIGNE Pro Wall Washer

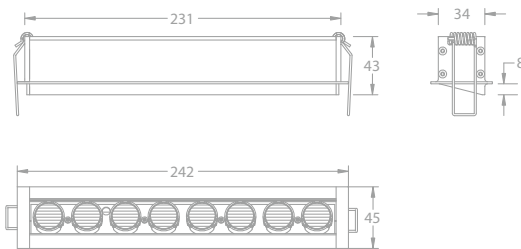
- Body material: Extruded aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Cutout: □ 124mm x 38mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: High Power LED
- LED CCT, lumen output: 3000K 1000lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.45Kg



Model	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
LWAR5 Linear Wall Washer A series Recessed mounting	LD08 8W	414lm(@8W 3000K)	E D ON-OFF 0-10V Dimming	27 2700K	W Wall Washer	B Black	BK Black
				30 3000K			
				40 4000K		W White	WT White

Example: LWAR5-LD08E-27WBBK





LIGNE Pro Wall Washer

- Body material: Extruded aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Cutout: □ 236mm x 38mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: High Power LED
- LED CCT, lumen output: 3000K 2000lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.6Kg



Model	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
LWAR5 <i>Linear Wall Washer</i> A series Recessed mounting	LD16 16W	866lm(@16W 3000K)	E D ON-OFF 0-10V Dimming	27 2700K 30 3000K 40 4000K	W Wall Washer	B Black	BK Black
						W White	WT White

Example: LWAR5-LD16E-27WBBK

Simulated data (LWAR5-LD16E-30WBBK)

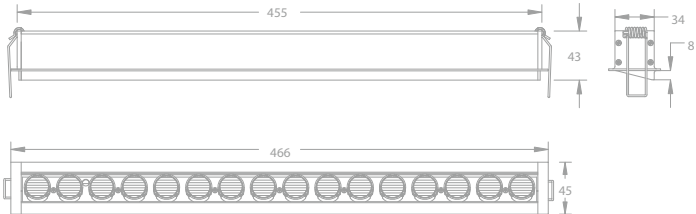
Specifications :

Wall height (m): 4.5

Offset from wall (m): 1

Luminaire spacing (m): 1

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.275	79	81	80	81	79
3.825	141	144	144	144	141
3.375	140	142	144	142	139
2.925	112	115	116	115	112
2.475	84	87	89	87	84
2.025	62	65	66	65	62
1.575	48	50	51	50	48
1.125	38	39	40	39	38
0.675	29	30	31	30	29
0.225	25	25	26	25	24



LIGNE Pro Wall Washer

- Body material: Extruded aluminum
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Cutout: □ 460mm x 38mm
- Ceiling thickness: 1-25mm
- Cut off angle: 35°
- LED type: High Power LED
- LED CCT, lumen output: 3000K 3800lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.1Kg



Model	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
LWAR5 <i>Linear Wall Washer</i> A series Recessed mounting	LD32 32W	1975lm(@32W 3000K)	E D ON-OFF 0-10V Dimming	27 2700K 30 3000K 40 4000K	W Wall Washer	B Black	BK Black
						W White	WT White

Example: LWAR5-LD32E-27WBBK

Simulated data (LWAR5-LD32E-30WBBK)

Specifications :

Wall height (m): 6

Offset from wall (m): 1.5

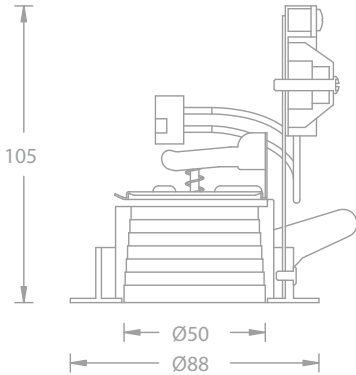
Luminaire spacing (m): 1.5

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
5.7	77	79	78	79	77
5.1	137	139	140	139	137
4.5	154	157	158	157	154
3.9	134	137	138	137	133
3.3	106	109	110	109	106
2.7	84	87	88	87	84
2.1	68	71	72	71	68
1.5	57	58	59	58	56
0.9	46	47	48	47	45
0.3	44	45	46	45	44



ELANA MR16

J Hotel Shanghai Tower
Shanghai

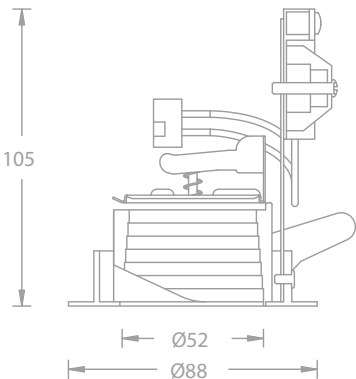


ELANA MR16

- Small downlights designed to accommodate MR16 lamp
- Aperture: Ø50mm Round Aperture
- Beam Angle : 10°, 24°, 36°, 60°(lamp)
- Specially designed baffle provides optimal glare control with 35° cut off angle and glare control
- Corrosion proof die-cast body
- 1.5mm trims mount to ceiling for low profile architectural design
- Mounts to 5mm-12mm thick ceilings
- IP20 rated, suitable for standard indoor applications

Model	Trim	Baffle	Lamp	Cutout	Control Gear	Weight
DL310-RB35N-01WT	White	Black	1xQR-CBC51 35W	Ø75mm	220V AC 50/60Hz , output 12V,transformer	0.2kg
DL310-RB35N-31WT	White	White	1xQR-CBC51 35W	Ø75mm	220V AC 50/60Hz , output 12V,transformer	0.2kg

Example: DL310-RB35N-01WT
All fixtures do not include lamp and transformer.

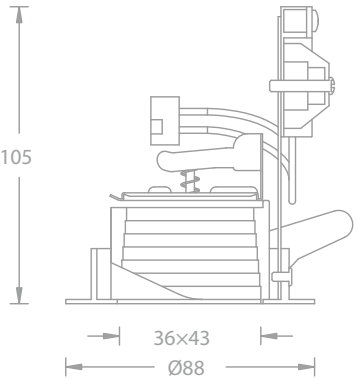


ELANA MR16

- Small downlights designed to accommodate MR16 lamp
- Adjustable, vertical 20°
- Aperture: Ø52mm Round Aperture
- Beam Angle : 10°, 24°, 36°, 60°(lamp)
- Cut off angle 35°, good glare control with special design step baffle
- Die-cast body, good corrosion proof
- 1.5mm trims mount to ceiling for thin profile look
- Mounts to 5mm-12mm thick ceilings
- IP20 rated, suitable for standard indoor application

Model	Trim	Baffle	Lamp	Cutout	Control Gear	Weight
DL310-RB35N-30WT	White	Black	1xQR-CBC51 35W	Ø75mm	220V AC 50/60Hz , output 12V,transformer	0.2kg
DL310-RB35N-45WT	White	White	1xQR-CBC51 35W	Ø75mm	220V AC 50/60Hz , output 12V,transformer	0.2kg

Example: DL310-RB35N-30WT
All fixtures do not include lamp and transformer.

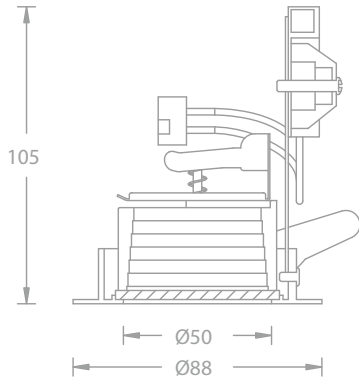


ELANA MR16

- Small downlights designed to accommodate MR16 lamp
- Aperture Slot: L43mm x W36mm
- Adjustable, vertical 20°
- Beam Angle : 10°, 24°, 36°, 60°(lamp)
- Specially designed baffle provides optimal glare control with 35° cut off angle and glare control
- Corrosion proof Die-cast aluminum body and trim
- 1.5mm trims mount to ceiling for thin profile look
- Mounts to 5mm-12mm thick ceilings
- IP20 rated, suitable for standard indoor applications

Model	Trim	Baffle	Lamp	Cutout	Control Gear	Weight
DL311-RB35N-01WT	White	Black	1xQR-CBC51 35W	Ø75mm	220V AC 50/60Hz , output 12V,transformer	0.2kg
DL311-RB35N-31WT	White	White	1xQR-CBC51 35W	Ø75mm	220V AC 50/60Hz , output 12V,transformer	0.2kg

Example: DL311-RB35N-01WT
All fixtures do not include lamp and transformer.

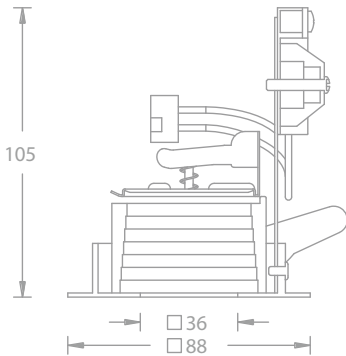


ELANA MR16

- Small downlights designed to accommodate MR16 lamp
- Ø50mm Round aperture
- Beam Angle : 10°, 24°, 36°, 60°(lamp)
- Corrosion proof Die-cast aluminum body and trim
- 1.5mm trims mount to ceiling for thin architectural design
- Mounts to 5mm-12mm thick ceilings
- IP44 Rated, suitable for wet locations

Model	Trim	Baffle	Lamp	Cutout	Control Gear	Weight
DL312-RB35N-01WT	White	Black	1xQR-CBC51 35W	Ø75mm	220V AC 50/60Hz , output 12V,transformer	0.2kg
DL312-RB35N-31WT	White	White	1xQR-CBC51 35W	Ø75mm	220V AC 50/60Hz , output 12V,transformer	0.2kg

Example:- DL312-RB35N-01WT
All fixtures do not include lamp and transformer.



ELANA MR16

- Small downlights designed to accommodate MR16 lamp
- Square trim
- Aperture:Square hole,(Size: 36mm x 36mm)
- Beam Angle : 10°, 24°, 36°, 60°(lamp)
- Cut off angle 35°, good glare control with special design step baffle
- Die-cast body, corrosion proof
- 1.5mm trims mount to ceiling for thin profile look
- Mounts to 5mm-12mm thick ceilings
- IP20 rated, suitable for standard indoor application

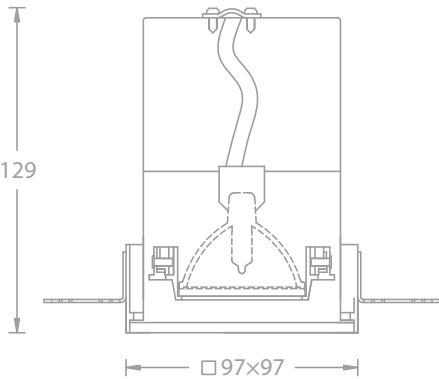
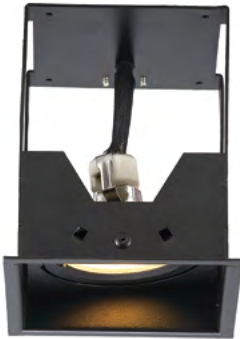
Model	Trim	Baffle	Lamp	Cutout	Control Gear	Weight
DL313-RB35N-01WT	White	Black	1xQR-CBC51 35W	36mm	220V AC 50/60Hz , output 12V,transformer	0.2kg
DL313-RB35N-31WT	White	White	1xQR-CBC51 35W	36mm	220V AC 50/60Hz , output 12V,transformer	0.2kg

Example: DL313-RB35N-01WT
All fixtures do not include lamp and transformer.

MT 3 MR16



Foshan Haijunda City
Guangdong Province



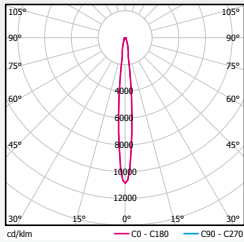
MT3 MR16

- Single element
- Trimless design
- Suitable for MR16 (halogen 50W max)
- Beam Angle: 10°, 24°, 36°, 60°
- horizontal rotation 30°
- A variety of anti glare accessories
- Recessed for 12mm-25mm ceiling installation
- IP20 rated, suitable for standard indoor applications

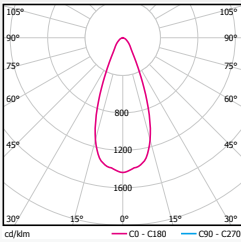
Model	Finish	Lamp	Cutout	Control Gear	Weight
MT310-RB50N-00BK	Black	1xQR-CBC51	98x98mm	220V AC 50/60Hz , output 12V,transformer	0.71kg
MT310-RB50N-00WT	White	1xQR-CBC51	98x98mm	220V AC 50/60Hz , output 12V,transformer	0.71kg

Example: MT310-RB50N-00BK
All fixtures do not include lamp and transformer.

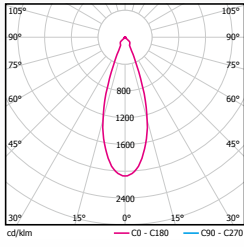
MT310-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	10833	0.2	0.2	
2	2708	0.4	0.4	
3	1204	0.6	0.6	
4	677	0.7	0.7	



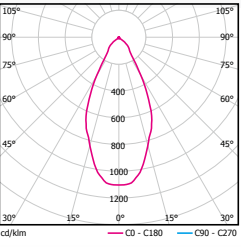
MT310-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	3824	0.4	0.4	
2	956	0.8	0.8	
3	425	1.2	1.2	
4	239	1.6	1.6	

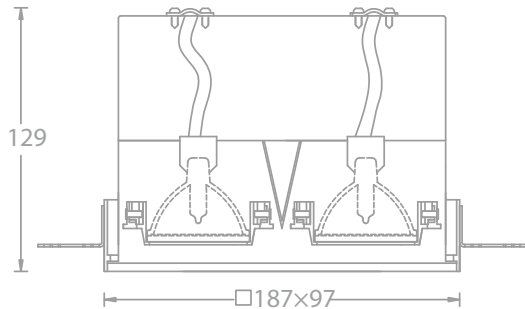
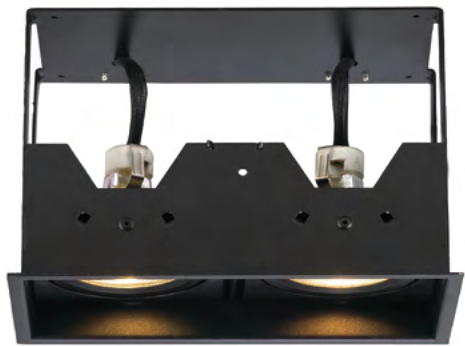


MT310-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	2055	0.6	0.6	
2	514	1.3	1.3	
3	228	1.9	1.9	
4	128	2.5	2.5	



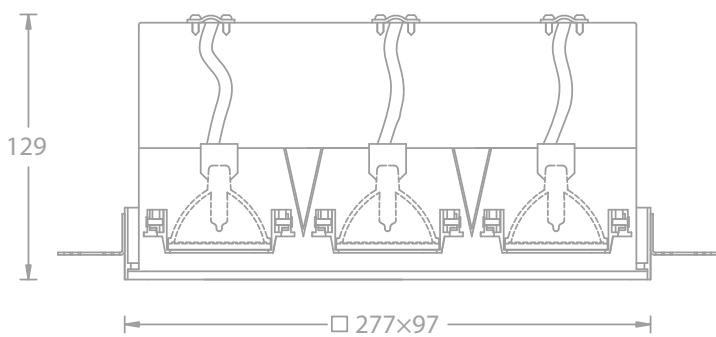
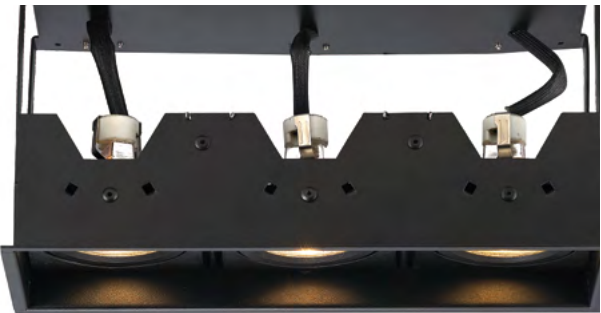
MT310-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	1091	0.9	0.9	
2	273	1.9	1.9	
3	121	2.8	2.8	
4	68	3.7	3.7	





MT3 MR16

- Double elements
- Trimless design
- Suitable for MR16 (halogen 50W max)
- Beam Angle: 10°, 24°, 36°, 60°
- horizontal rotation 30°
- A variety of anti glare accessories
- Recessed for 12mm-25mm ceiling installation
- IP20 rated, suitable for standard indoor applications



MT3 MR16

- Three elements
- Trimless design
- Suitable for MR16 (halogen 50W max)
- Beam Angle: 10°, 24°, 36°, 60°
- horizontal rotation 30°
- A variety of anti glare accessories
- Recessed for 12mm-25mm ceiling installation
- IP20 rated, suitable for standard indoor applications

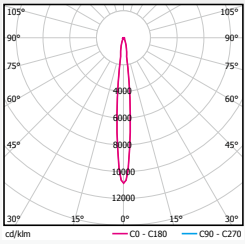
Model	Finish	Lamp	Cutout	Control Gear	Weight
MT320-RB50N-00BK	Black	2xQR-CBC51	188x98mm	220V AC 50/60Hz , output 12V,transformer	1.02kg
MT320-RB50N-00WT	White	2xQR-CBC51	188x98mm	220V AC 50/60Hz , output 12V,transformer	1.02kg

Example: MT320-RB50N-00BK
All fixtures do not include lamp and transformer.

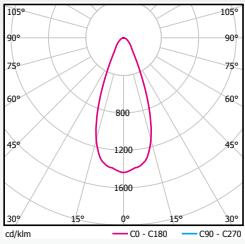
Model	Finish	Lamp	Cutout	Control Gear	Weight
MT330-RB50N-00BK	Black	3xQR-CBC51	278x98mm	220V AC 50/60Hz , output 12V,transformer	1.46kg
MT330-RB50N-00WT	White	3xQR-CBC51	278x98mm	220V AC 50/60Hz , output 12V,transformer	1.46kg

Example: MT330-RB50N-00BK
All fixtures do not include lamp and transformer.

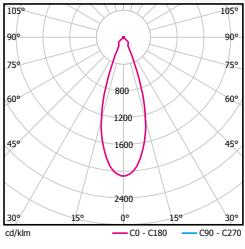
MT320-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	10833	0.2	0.2	
2	2708	0.4	0.4	
3	1204	0.6	0.6	
4	677	0.7	0.7	



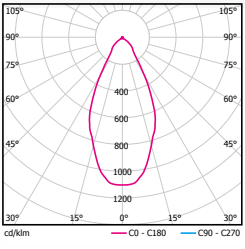
MT320-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	3824	0.4	0.4	
2	956	0.8	0.8	
3	425	1.2	1.2	
4	239	1.6	1.6	



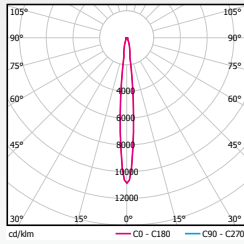
MT320-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	2055	0.6	0.6	
2	514	1.3	1.3	
3	228	1.9	1.9	
4	128	2.5	2.5	



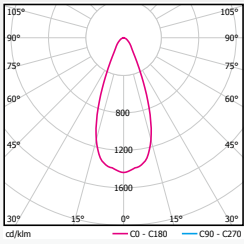
MT320-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	1091	0.9	0.9	
2	273	1.9	1.9	
3	121	2.8	2.8	
4	68	3.7	3.7	



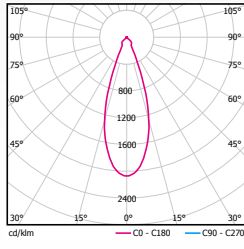
MT330-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	10833	0.2	0.2	
2	2708	0.4	0.4	
3	1204	0.6	0.6	
4	677	0.7	0.7	



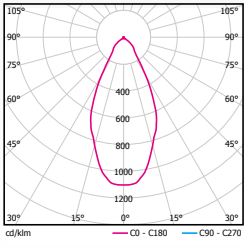
MT330-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	3824	0.4	0.4	
2	956	0.8	0.8	
3	425	1.2	1.2	
4	239	1.6	1.6	

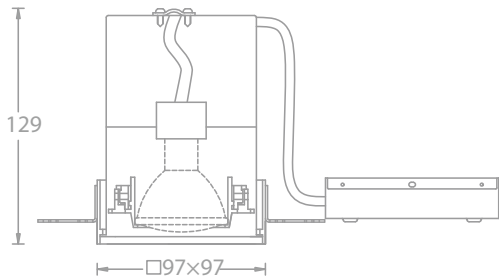
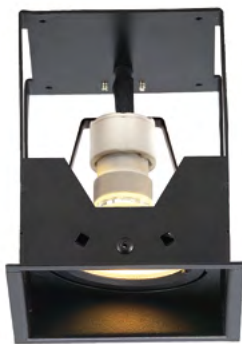


MT330-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	2055	0.6	0.6	
2	514	1.3	1.3	
3	228	1.9	1.9	
4	128	2.5	2.5	



MT330-RB50E 50W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	1091	0.9	0.9	
2	273	1.9	1.9	
3	121	2.8	2.8	
4	68	3.7	3.7	



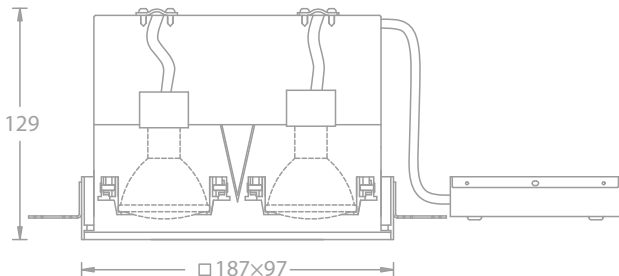


MT3 PAR Metal Halide

- Single element
- Trimless design
- Use Metal Halide ES16 lamp, 35W maximum
- Beam Angle: 10°, 25°, 40°
- horizontal rotation 30°
- A variety of anti glare accessories
- Recessed for 12mm-25mm ceiling installation
- IP20 rated, suitable for standard indoor applications

Model	Finish	Lamp	Cutout	Control Gear	Weight
MT310-TS20E-00BK	Black	1x HI-PAR ESD50 20W	98x98mm	220V AC 50/60Hz 20W HID electronic ballast	0.76kg
MT310-TS35E-00BK	Black	1x HI-PAR ESD50 35W	98x98mm	220V AC 50/60Hz 35W HID electronic ballast	0.86kg
MT310-TS20E-00WT	White	1x HI-PAR ESD50 20W	98x98mm	220V AC 50/60Hz 20W HID electronic ballast	0.76kg
MT310-TS35E-00WT	White	1x HI-PAR ESD50 35W	98x98mm	220V AC 50/60Hz 35W HID electronic ballast	0.86kg

Example: MT310-TS20E-00BK
All fixtures do not include lamp and transformer.



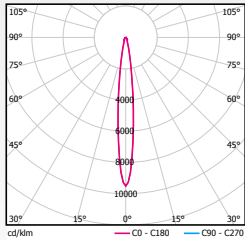
MT3 PAR Metal Halide

- 3" Open Reflector MT Metal Halide Spotlight
- Beam angles: 10°, 25°, 40°
- 0°-30° tilt adjustment
- Recessed for 12mm-25mm ceiling installation
- Use Metal Halide ES16 lamp, 2x35W maximum
- Transformer included. Install the recessed housing before ceiling preparation and trim placement

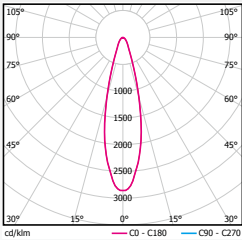
Model	Finish	Lamp	Cutout	Control Gear	Weight
MT320-TS20E-00BK	Black	2x HI-PAR ESD50 20W	198x98mm	220V AC 50/60Hz 20W HID electronic ballast	1.4kg
MT320-TS35E-00BK	Black	2x HI-PAR ESD50 35W	198x98mm	220V AC 50/60Hz 35W HID electronic ballast	1.64kg
MT320-TS20E-00WT	White	2x HI-PAR ESD50 20W	198x98mm	220V AC 50/60Hz 20W HID electronic ballast	1.4kg
MT320-TS35E-00WT	White	2x HI-PAR ESD50 35W	198x98mm	220V AC 50/60Hz 35W HID electronic ballast	1.64kg

Example: MT320-TS20E-00BK
All fixtures do not include lamp and transformer.

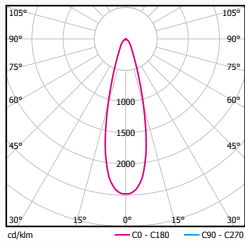
MT310-TS20E 20W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	9485	0.2	0.2	
2	2371	0.4	0.4	
3	1054	0.6	0.6	
4	593	0.8	0.8	



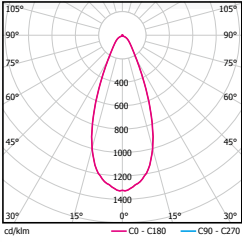
MT310-TS35E 35W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	5666	0.5	0.5	
2	1417	1	1	
3	630	1.5	1.5	
4	354	2	2	



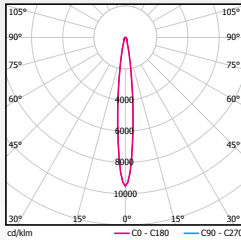
MT310-TS20E 20W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	2848	0.5	0.5	
2	712	0.9	0.9	
3	316	1.4	1.4	
4	178	1.9	1.9	



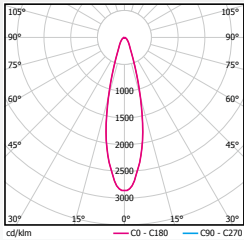
MT310-TS35E 35W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	3018	0.8	0.8	
2	755	1.5	1.5	
3	335	2.3	2.3	
4	189	3.1	3.1	



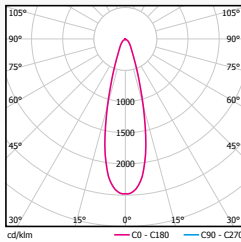
MT320-TS20E 20W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	9485	0.2	0.2	
2	2371	0.4	0.4	
3	1054	0.6	0.6	
4	593	0.8	0.8	



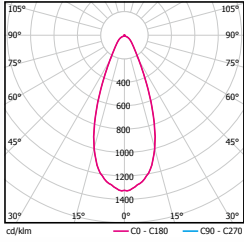
MT320-TS35E 35W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	5666	0.5	0.5	
2	1417	1	1	
3	630	1.5	1.5	
4	354	2	2	

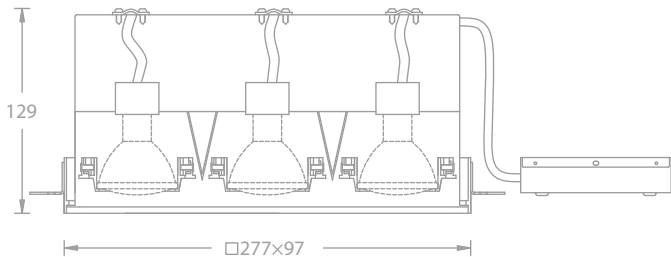
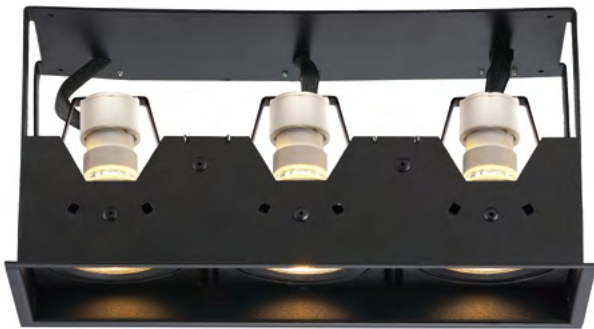


MT320-TS20E 20W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	2848	0.5	0.5	
2	712	0.9	0.9	
3	316	1.4	1.4	
4	178	1.9	1.9	



MT320-TS35E 35W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	3018	0.8	0.8	
2	755	1.5	1.5	
3	335	2.3	2.3	
4	189	3.1	3.1	





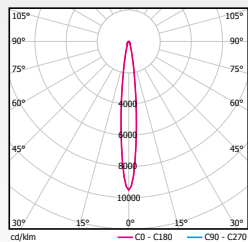
MT3 PAR Metal Halide

- Description: 3" Open Reflector MT Metal Halide Spot
- Beam angles: 10°, 25°, 40° (lamp)
- horizontal rotation 30°
- Use Metal Halide ES16 lamp, 35W maximum
- Transformer included
- Install the recessed housing before ceiling preparation and trim placement

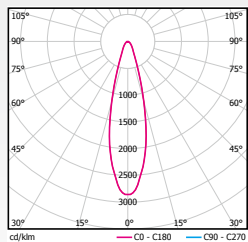
Model	Finish	Lamp	Cutout	Control Gear	Weight
MT330-TS20E-00BK	Black	3x HI-PAR ESD50 20W	278x98mm	220V AC 50/60Hz 20W HID electronic ballast	1.88kg
MT330-TS35E-00BK	Black	3x HI-PAR ESD50 35W	278x98mm	220V AC 50/60Hz 35W HID electronic ballast	2.18kg
MT330-TS20E-00WT	White	3x HI-PAR ESD50 20W	278x98mm	220V AC 50/60Hz 20W HID electronic ballast	1.88kg
MT330-TS35E-00WT	White	3x HI-PAR ESD50 35W	278x98mm	220V AC 50/60Hz 35W HID electronic ballast	2.18kg

Example: MT330-TS20E-00BK
All fixtures do not include lamp and transformer.

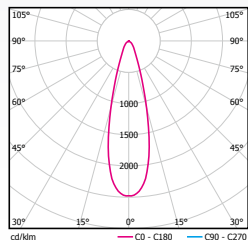
MT330-TS20E 20W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	9485	0.2	0.2	
2	2371	0.4	0.4	
3	1054	0.6	0.6	
4	593	0.8	0.8	



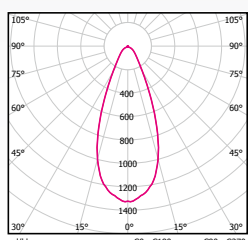
MT330-TS35E 35W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	5666	0.5	0.5	
2	1417	1	1	
3	630	1.5	1.5	
4	354	2	2	



MT330-TS20E 20W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	2848	0.5	0.5	
2	712	0.9	0.9	
3	316	1.4	1.4	
4	178	1.9	1.9	

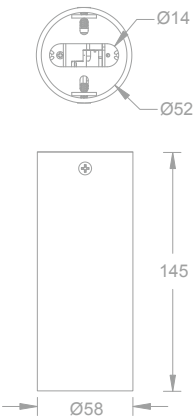


MT330-TS35E 35W				
0°Aiming Angle				
D(m)	LUX	W	L	
1	3018	0.8	0.8	
2	755	1.5	1.5	
3	335	2.3	2.3	
4	189	3.1	3.1	



DA City
Foshan, Guangdong Province

PLANA Pro



PLANA Pro

- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: High Power LED
- LED wattage, CCT, lumen output: 8W 3000K 800lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM (4000K 5 SDCM)
- Net weight: 0.4Kg

SUBROSA®
Glare-free

Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
SDL Surface Mount Downlight	2 2"	2 Round Trimless	LD08 LED 8W	521lm(@8W 3000K 15°) 556lm(@8W 3000K 24°) 493lm(@8W 3000K 36°)	E D ON-OFF 0-10V Dimming	1 15° 2 24° 3 36° 4 48°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B S Black Specular	WT BK White Black

Example: SDL22-LD08-D230SWT

PLANA Pro

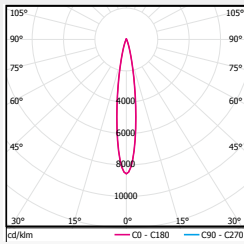
Simple yet sophisticated, our PLANA PRO luminaires are versatile enough to illuminate any environment, including residential, hospitality, museum and commercial settings. Offering a minimalist look, the customized flush mounts create a stunning harmony of shape and color combined with beautiful illumination.

Lujiazui Gala Mall
Shanghai

SDL22-LD08-D130SWT

0°AIMING ANGLE

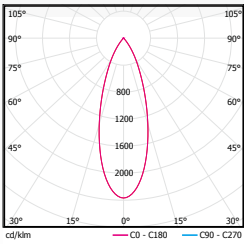
D(m)	LUX	W	L
1	4577	0.3	0.3
2	1144	0.5	0.5
3	509	0.8	0.8
4	286	1.1	1.1



SDL22-LD08-D330SWT

0°AIMING ANGLE

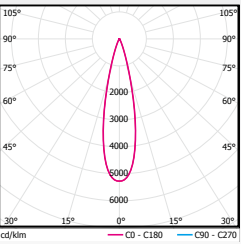
D(m)	LUX	W	L
1	1182	0.6	0.6
2	296	1.3	1.3
3	131	1.9	1.9
4	74	2.6	2.6

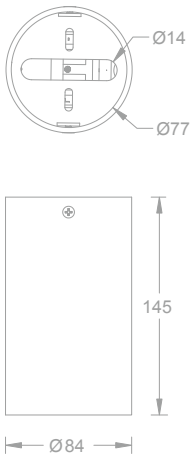


SDL22-LD08-D230SWT

0°AIMING ANGLE

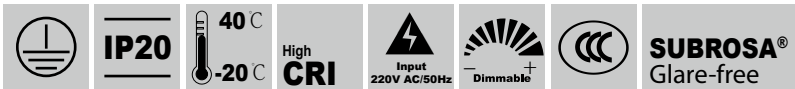
D(m)	LUX	W	L
1	3004	0.4	0.4
2	751	0.9	0.9
3	334	1.3	1.3
4	188	1.7	1.7





PLANA Pro

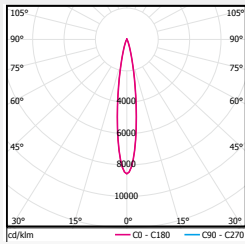
- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 13W 3000K 1300lm
18W 3000K 1800lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.7Kg



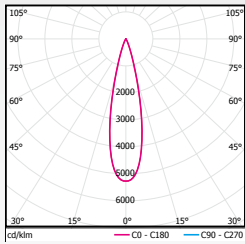
Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish		
SDL Surface Mount Downlight	3	3"	2	Round Trimless	LM13 COB 13W LM18 COB 18W	861lm(@13W 3000K 20°) 1013lm(@13W 3000K 40°) 1172lm(@13W 3000K 60°) 1200lm(@18W 3000K 20°) 1366lm(@18W 3000K 40°) 1617lm(@18W 3000K 60°)	E D ON-OFF 0-10V Dimming	2 20°	27 2700K	B S Black Specular	WT BK White Black
								30 3000K			
								4 40°	35 3500K		
								40 4000K			
								6 60°	50 5000K		

Example: SDL32-LM18-D230SWT

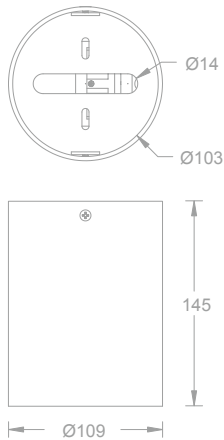
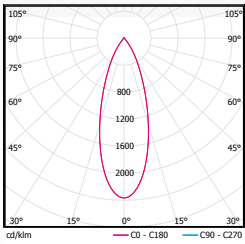
SDL32-LM18-D230SWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	5842	0.4	0.4	
2	1461	0.7	0.7	
3	649	1.1	1.1	
4	365	1.4	1.4	



SDL32-LM18-D430SWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	2628	0.7	0.7	
2	657	1.5	1.5	
3	292	2.2	2.2	
4	164	2.9	2.9	

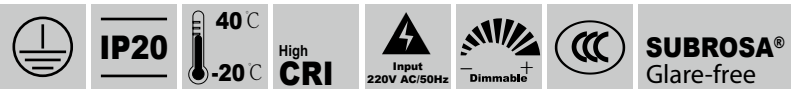


SDL32-LM18-D630SWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	1967	1.2	1.2	
2	492	2.3	2.3	
3	219	3.5	3.5	
4	123	4.6	4.6	



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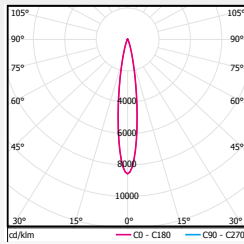
- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: COB
- LED CCT, lumen output: 18W 3000K 1800lm
25W 3000K 2500lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.0Kg



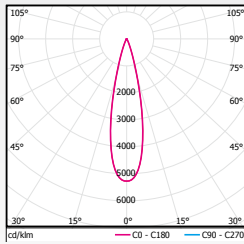
Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Relector	Finish							
SDL Surface Mount Downlight	4	4"	2	Round Trimless	LM18 COB 18W LM25 COB 25W	1681lm(@18W 3000K 20°) 1404lm(@18W 3000K 40°) 1760lm(@18W 3000K 60°) 2123lm(@25W 3000K 20°) 1827lm(@25W 3000K 40°) 2274lm(@25W 3000K 60°)	E D	ON-OFF 0-10V Dimming	2 4 6	20° 40° 60°	27 30 35 40 50	2700K 3000K 3500K 4000K 5000K	B S	Black Specular	WT BK	White Black

Example: SDL42-LM18-D230SWT

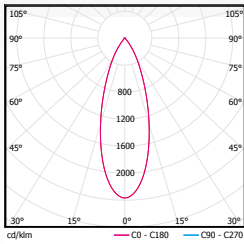
SDL42-LM25-D230SWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	10326	0.4	0.4	
2	2582	0.7	0.7	
3	1147	1.1	1.1	
4	645	1.4	1.4	

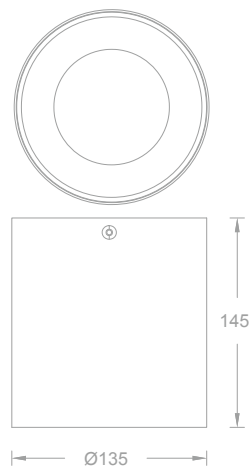


SDL42-LM25-D430SWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	3422	0.7	0.7	
2	856	1.5	1.5	
3	380	2.2	2.2	
4	214	2.9	2.9	



SDL42-LM25-D630SWT				
0°AIMING ANGLE				
D(m)	LUX	W	L	
1	2593	1.2	1.2	
2	648	2.3	2.3	
3	288	3.5	3.5	
4	162	4.6	4.6	





PLANA Pro

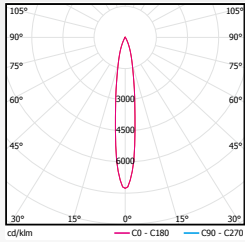
- Body material: Extruded aluminum
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Environmentally safe powder coat
- Cut off angle: 35°
 - LED type: COB
 - LED CCT, lumen output: 32W 3000K 3830lm
40W 3000K 4500lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.5Kg



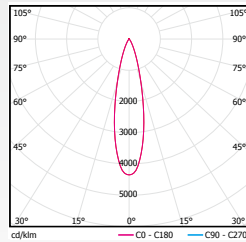
Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Relector	Finish							
SDL Surface Mount Downlight	5	4"	2	Round Trimless	LM32 COB 32W LM40 COB 40W	3017lm(@32W 3000K 15°) 2885lm(@32W 3000K 24°) 2950lm(@32W 3000K 36°) 3688lm(@40W 3000K 15°) 3526lm(@40W 3000K 24°) 3605lm(@40W 3000K 36°)	E D	ON-OFF 0-10V Dimming	1	15°	27	2700K	B S	Black Specular	WT BK	White Black
									2	24°	30	3000K				
									3	36°	35	3500K				
											40	4000K				
											50	5000K				

Example: SDL52-LM40-D230SWT

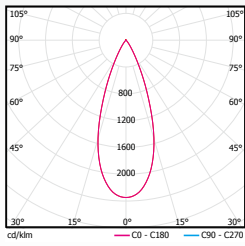
SDL52-LM40E-301S				
0° Aiming Angle				
D(m)	LUX	w	I	
1	26804	0.26	0.26	
2	6701	0.52	0.52	
3	2978	0.78	0.78	
4	1675	1.04	1.04	



SDL52-LM40E-302S				
0° Aiming Angle				
D(m)	LUX	w	I	
1	15330	0.43	0.43	
2	3833	0.86	0.86	
3	1703	1.29	1.29	
4	958	1.72	1.72	

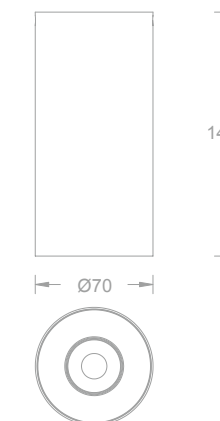


SDL52-LM40E-303S				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8463	0.68	0.68	
2	2116	1.36	1.36	
3	940	2.04	2.04	
4	529	2.72	2.72	



Shenzhen Whittle School
Shenzhen

ULTRA



ULTRA

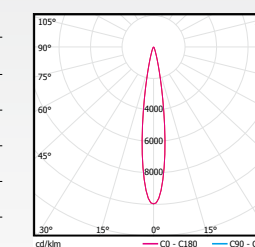
- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1150lm
13W 3000K 1495lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.36Kg



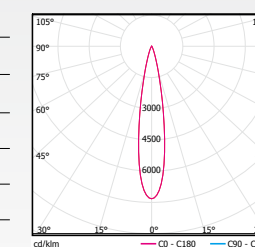
Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish	
SLN Surface Mounted Downlight N series	3	3"	2	Round Trimless	LM08 COB8W	S 8°	27 2700K	S Specular	WT White	
							30 3000K			BK Black
							35 3500K			
							40 4000K			

Example: SLN32-LM07E-N30SWT

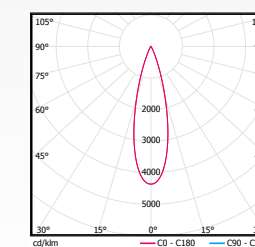
SLN32-LM13E-N30SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	8174	0.28	0.28	
2	2044	0.56	0.56	
3	908	0.84	0.84	
4	511	1.12	1.12	



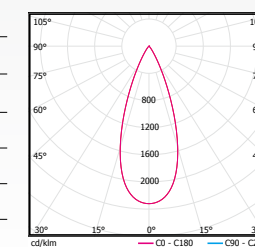
SLN32-LM13E-130SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	6848	0.33	0.33	
2	1712	0.66	0.66	
3	761	0.99	0.99	
4	428	1.32	1.32	



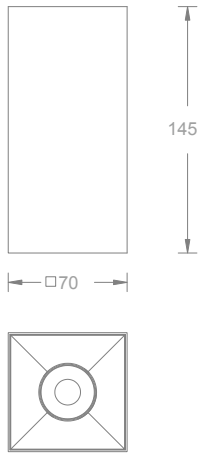
SLN32-LM13E-230SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	4511	0.48	0.48	
2	1128	0.96	0.96	
3	501	1.44	1.44	
4	282	1.92	1.92	



SLN32-LM13E-330SWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	2375	0.70	0.70	
2	594	1.40	1.40	
3	264	2.10	2.10	
4	148	2.80	2.80	



JW MARRIOTT MARQUIS HOTEL
Pudong, Shanghai



ULTRA

- Body material: Die-cast aluminum
- Optical system: Lens + Reflector
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 7W 3000K 800lm
10W 3000K 1150lm
13W 3000K 1495lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 0.36Kg

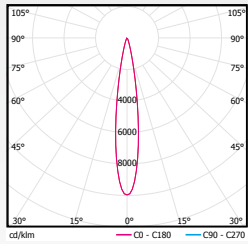


Model	Size	Trim	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish			
SLN Surface Mounted Downlight N series	3	3"	6	Rectangular Trimless	LM08 COB8W	E D	ON-OFF 0-10V Dimming	S B	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	Specular Black	WT BK	White Black
					LM07 COB7W							
					LM10 COB10W							
					LM13 COB13W							

Example: SLN36-LM07E-N30SWT

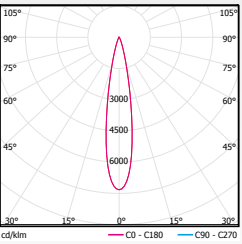
SLN36-LM13E-N30SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	8174	0.28	0.28
2	2044	0.56	0.56
3	908	0.84	0.84
4	511	1.12	1.12



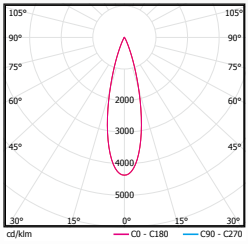
SLN36-LM13E-130SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	6848	0.33	0.33
2	1712	0.66	0.66
3	761	0.99	0.99
4	428	1.32	1.32



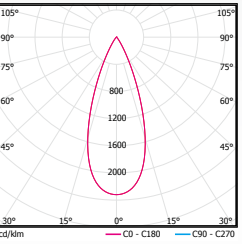
SLN36-LM13E-230SWT

0° Aiming Angle			
D(m)	LUX	w	l
1	4511	0.48	0.48
2	1128	0.96	0.96
3	501	1.44	1.44
4	282	1.92	1.92



SLN36-LM13E-330SWT

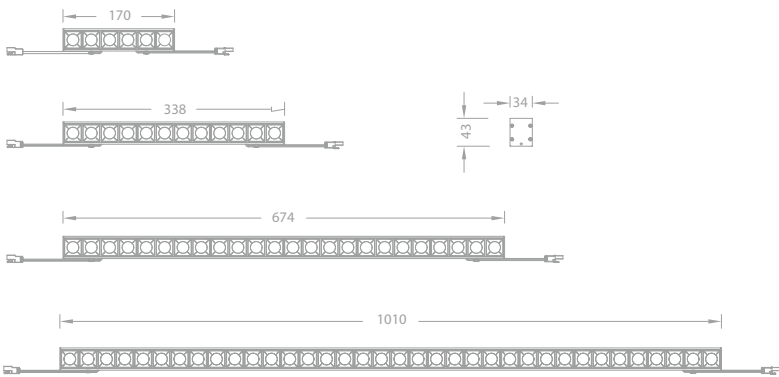
0° Aiming Angle			
D(m)	LUX	w	l
1	2375	0.70	0.70
2	594	1.40	1.40
3	264	2.10	2.10
4	148	2.80	2.80



Shenzhen Whittle School
Shenzhen



LIGNE Pro



LIGNE Pro

- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: SMD
- LED wattage, CCT, lumen output: 18W/m 3000K 1600lm
30W/m 3000K 2600lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Dimming control: Depends on users' 24V power supply
- Net weight: 1.3Kg



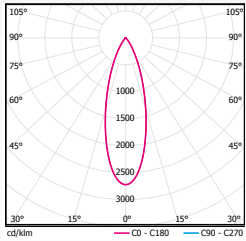
Model	LED Power		LED Num.		Length	System Lumens	Driver	Beam	CCT	Reflector	Finish			
LGAS6 Linear Graze A series Surface mounting	18 30	18W/m 30W/m	06	6pcs	170mm	1178lm(@18W/m 3000K 16°) 1210lm(@18W/m 3000K 22°) 1213lm(@18W/m 3000K 33°) 940lm(@18W/m 3000K 44°)	N No driver	E 1 2 3 4	22° x 44° 16° 22° 33° 44°	27 30 40	2700K 3000K 4000K	B Black	WT BK	White Black
			12	12pcs	338mm	1002lm(@18W/m 3000K 22° x 44°)								
			24	24pcs	674mm	1840lm(@30W/m 3000K 16°)								
			36	36pcs	1010mm	1891lm(@30W/m 3000K 22°) 1895lm(@30W/m 3000K 33°) 1469lm(@30W/m 3000K 44°) 156lm(@30W/m 3000K 22° x 44°)								

Example: LGAS6-3036N-230BBK

Simulated data (LGAS6-1836N-230BBK)

Specifications:

Wall height (m)	4.5
Wall width (m)	10
Offset from Wall (m)	0.2

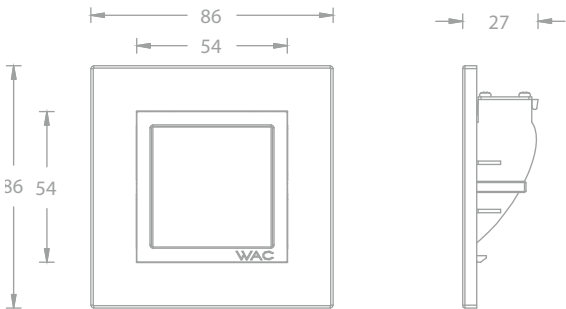


(m)	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5
4.375	150	134	132	133	132	131	132	132	134	149
4.125	311	294	292	293	292	292	293	292	294	307
3.875	305	293	291	292	291	290	291	292	293	300
3.625	248	242	241	241	241	241	241	241	242	240
3.375	184	182	181	181	180	181	181	181	182	175
3.125	151	150	148	149	149	148	149	148	149	142
2.875	117	119	118	118	117	117	118	118	118	111
2.625	101	102	101	101	101	100	101	101	101	94
2.375	82	83	82	82	82	82	82	82	82	76
2.125	74	76	76	76	76	76	76	76	74	69
1.875	64	65	66	66	65	65	65	65	64	59
1.625	56	57	58	58	58	58	58	57	56	52
1.375	50	51	52	52	51	51	51	51	49	46
1.125	48	48	49	49	49	49	49	49	47	44
0.875	45	45	47	47	47	47	47	46	44	41
0.625	42	42	43	44	43	43	43	43	40	39
0.375	40	40	42	42	42	42	42	42	38	36
0.125	38	38	40	40	40	40	40	39	36	35

GLOW



WALL



GLOW

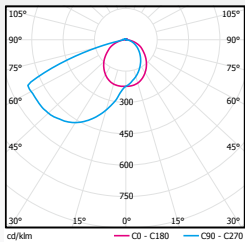
- Body material: Metal plate and PC frame
- Finish: Environmentally safe powder coat
- LED type: SMD
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- Net weight: 0.2Kg



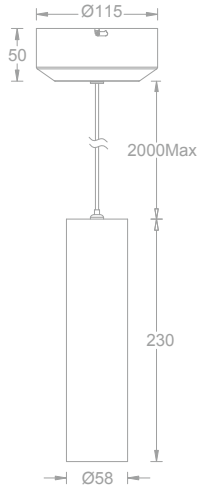
Model	Size	LED	Driver	CCT	Finish
WL <i>Step and Wall Lights</i>	211 2" IP20 Square trim	05 0.5W 10 1W	E ON-OFF	827 2700K 830 3000K	WT White

Example: WL211-05E-827WT

WL211-10E



PLANA Pro



PLANA Pro

- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: High Power LED
- LED CCT, lumen output: 3000K 800lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM(4000K 5 SDCM)
- Net weight: 1.0Kg

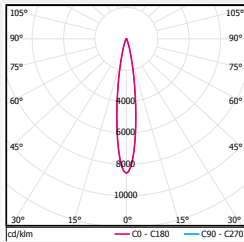
SUBROSA®
Glare-free

Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Relector	Finish
PDL <i>Pendant Downlight</i>	2 2"	2 Round Trimless	LD08 LED 8W	521lm(@8W 3000K 15°) 556lm(@8W 3000K 24°) 493lm(@8W 3000K 36°)	D 0-10V Dimming	27 2700K 30 3000K 40 4000K	1 15° 2 24° 3 36° 4 48°	B Black S Specular	WT White BK Black

Example: PDL22-LD08D-3025WT

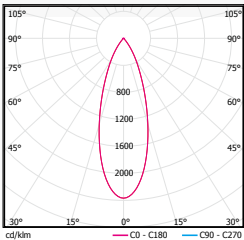
PDL22-LD08D-301SWT

0°AIMING ANGLE			
D(m)	LUX	W	L
1	4577	0.3	0.3
2	1144	0.5	0.5
3	509	0.8	0.8
4	286	1.1	1.1



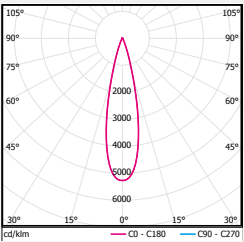
PDL22-LD08D-303SWT

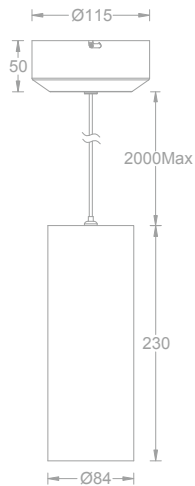
0°AIMING ANGLE			
D(m)	LUX	W	L
1	1182	0.6	0.6
2	296	1.3	1.3
3	131	1.9	1.9
4	74	2.6	2.6



PDL22-LD08D-302SWT

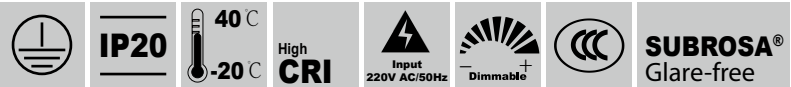
0°AIMING ANGLE			
D(m)	LUX	W	L
1	3004	0.4	0.4
2	751	0.9	0.9
3	334	1.3	1.3
4	188	1.7	1.7





PLANA Pro

- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 13W 3000K 1300lm
18W 3000K 1800lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.3Kg

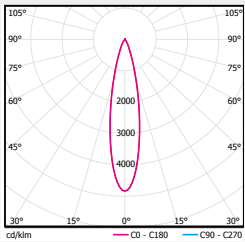


Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Relector	Finish			
PDL <i>Pendant Downlight</i>	3	3"	2	Round Trimless	LM13 COB 13W LM18 COB 18W	861lm(@13W 3000K 20°) 1013lm(@13W 3000K 40°) 1172lm(@13W 3000K 60°) 1200lm(@18W 3000K 20°) 1366lm(@18W 3000K 40°) 1617lm(@18W 3000K 60°)	D	0-10V Dimming	27 2700K 30 3000K 40 4000K	2 20° 4 40° 6 60°	B Black S Specular	WT White BK Black

Example: PDL32-LM18D-302SWT

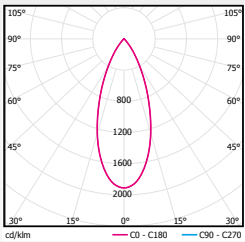
PDL32-LM18D-302SWT

0°AIMING ANGLE			
D(m)	LUX	W	L
1	5842	0.4	0.4
2	1461	0.7	0.7
3	649	1.1	1.1
4	365	1.4	1.4



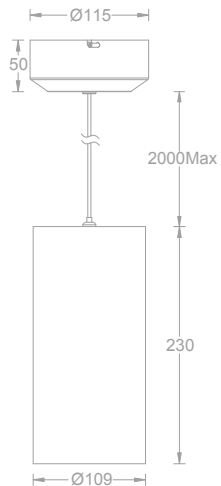
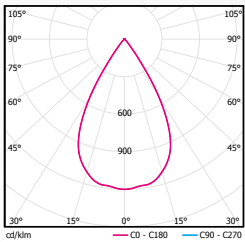
PDL32-LM18D-304SWT

0°AIMING ANGLE			
D(m)	LUX	W	L
1	2628	0.7	0.7
2	657	1.5	1.5
3	292	2.2	2.2
4	164	2.9	2.9



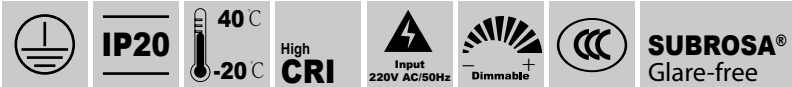
PDL32-LM18D-306SWT

0°AIMING ANGLE			
D(m)	LUX	W	L
1	1967	1.2	1.2
2	492	2.3	2.3
3	219	3.5	3.5
4	123	4.6	4.6



PLANA Pro

- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 18W 3000K 1800lm
25W 3000K 2500lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.6Kg

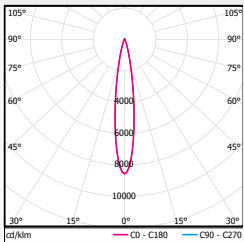


Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam Angle	Relector	Finish
PDL <i>Pendant Downlight</i>	4	3"	2 <i>Round Trimless</i>	LM18 COB 18W LM25 COB 25W	D <i>0-10V Dimming</i>	27 2700K 30 3000K 40 4000K	2 20° 4 40° 6 60°	B S <i>Black Specular</i>	WT BK <i>White Black</i>
				<i>1681lm(@18W 3000K 20°) 1404lm(@18W 3000K 40°) 1760lm(@18W 3000K 60°) 2123lm(@25W 3000K 20°) 1827lm(@25W 3000K 40°) 2274lm(@25W 3000K 60°)</i>					

Example: PDL42-LM18D-302SWT

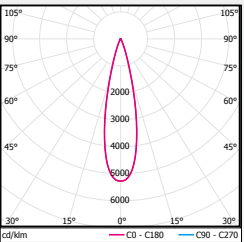
PDL42-LM25D-302SWT

0°AIMING ANGLE			
D(m)	LUX	W	L
1	10326	0.4	0.4
2	2582	0.7	0.7
3	1147	1.1	1.1
4	645	1.4	1.4



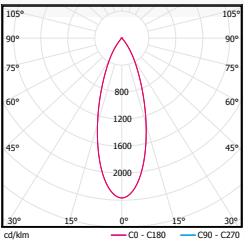
PDL42-LM25D-304SWT

0°AIMING ANGLE			
D(m)	LUX	W	L
1	3422	0.7	0.7
2	856	1.5	1.5
3	380	2.2	2.2
4	214	2.9	2.9



PDL42-LM25D-306SWT

0°AIMING ANGLE			
D(m)	LUX	W	L
1	2593	1.2	1.2
2	648	2.3	2.3
3	288	3.5	3.5
4	162	4.6	4.6

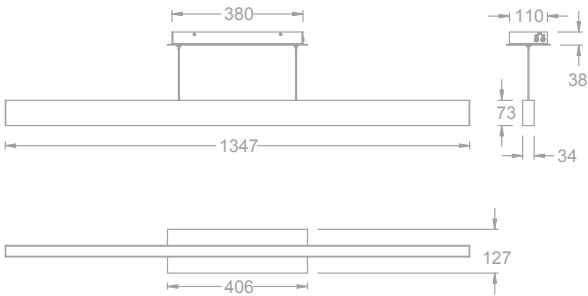
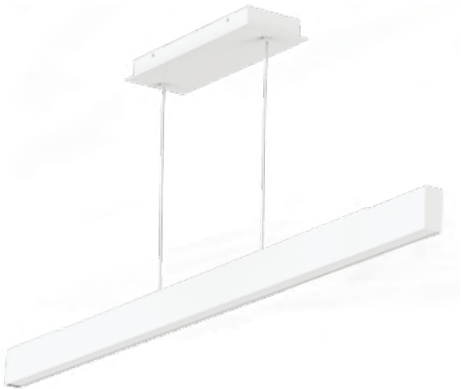


LIGNE Pro



LIGNE Pro

The LIGNE PRO Series of Linear LED Luminaires features Smart Bluetooth control technology combined with advanced proprietary LED technology. The luminaires achieve both adjustable up lighting and adjustable downlighting functions for challenging spaces with various ceiling heights and desk/tabletops below. LIGNE PRO dims by Bluetooth and is controlled in illumination brightness, shape and optics to deliver a wide range of lighting applications in architectural, commercial, office and hospitality settings.



LIGNE Pro Up and Down PANEL

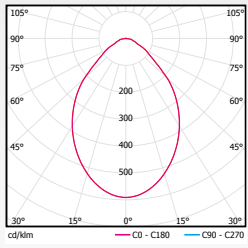
- Body material: Extruded aluminum
- Optical system: 60°-130° adjustable uplight + high visual comfort downlight with SUBROSA® technology and anti-glare panel
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: SMD
- LED CCT, lumen output: 3000K 7680lm
4000K 8320lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 3.0Kg



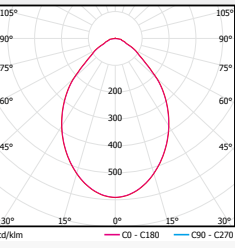
Model	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
LLBPE <i>Linear pendants</i> <i>B series</i> <i>E Size</i>	LD64 64W	2871lm(@64W 3000K 90°)	B Wireless Dimming	30 3000K 40 4000K	9 90°	P Panel	WT White BK Black

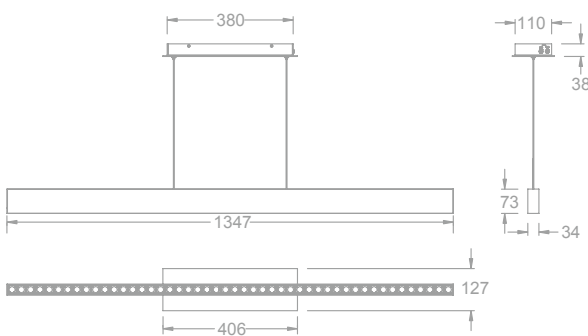
Example: LLBPE-LD64B-309PWT

LLBPE-LD64B-309PWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	1642	1.73	1.73
2	411	3.46	3.46
3	182	5.19	5.19
4	103	6.92	6.92



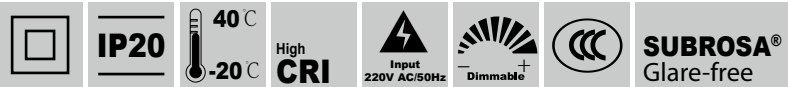
LLBPE-LD64B-409PWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	1749	1.73	1.73
2	437	3.46	3.46
3	194	5.19	5.19
4	109	6.92	6.92





LIGNE Pro Up and Down LOUVER

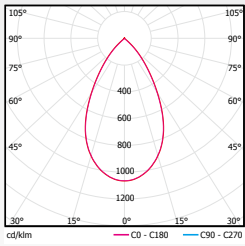
- Body material: Extruded aluminum
 - Optical system: 60°-130° adjustable uplight + high visual comfort downlight with SUBROSA® technology and anti-glare louver
 - Finish: Environmentally safe powder coat
- Cut off angle: 35°
 - LED type: SMD
 - LED CCT, lumen output: 3000K 7680lm
4000K 8320lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 3.8Kg



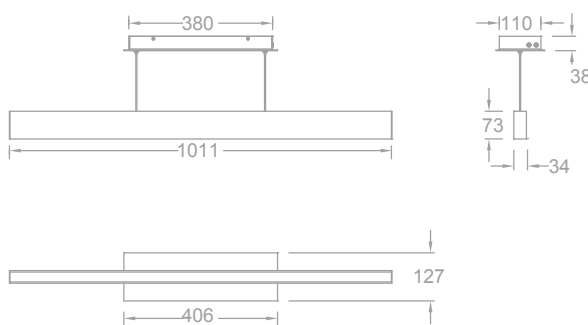
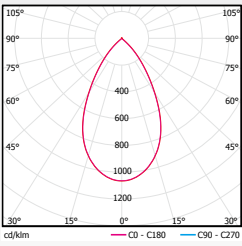
Model	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
LLBPE <i>Linear pedants B series E Size</i>	LD64 64W	2315lm(@64W 3000K 60°)	B Wireless Dimming	30 3000K 40 4000K	6 60°	B Black	WT White BK Black

Example: LLBPE-LD64B-306BWT

LLBPE-LD64B-306BWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	2300	1.14	1.14
2	575	2.28	2.28
3	256	3.42	3.42
4	144	4.56	4.56



LLBPE-LD64B-406BWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	2450	1.14	1.14
2	613	2.28	2.28
3	272	3.42	3.42
4	153	4.56	4.56



LIGNE Pro Up and Down PANEL

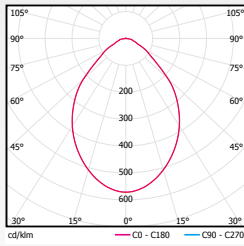
- Body material: Extruded aluminum
 - Optical system: Extra wide beam angle of uplight + high visual comfort downlight with SUBROSA® technology and anti-glare panel
 - Finish: Environmentally safe powder coat
- Cut off angle: 35°
 - LED type: SMD
 - LED CCT, lumen output: 3000K 7680lm
4000K 8320lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 3.0Kg



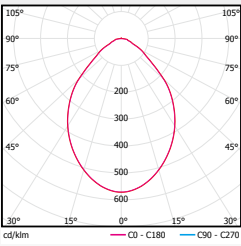
Model	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
LLBPE <i>Linear pedants B series E Size</i>	LD64 64W	2871lm(@64W 3000K 60°)	D 0-10V Dimming	30 3000K 40 4000K	9 90°	P Panel	WT White BK Black

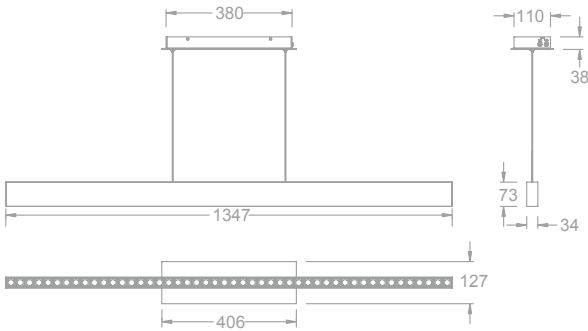
Example: LLBPE-LD64D-309PWT

LLBPE-LD64D-309PWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	1642	1.73	1.73
2	411	3.46	3.46
3	182	5.19	5.19
4	103	6.92	6.92



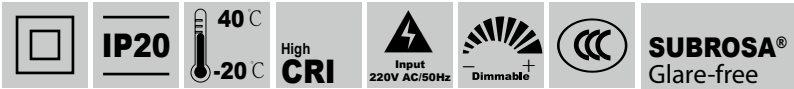
LLBPE-LD64D-409PWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	1749	1.73	1.73
2	437	3.46	3.46
3	194	5.19	5.19
4	109	6.92	6.92





LIGNE Pro Up and Down LOUVER

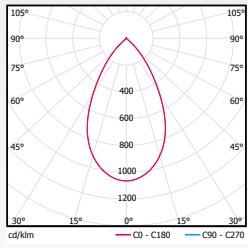
- Body material: Extruded aluminum
- Optical system: Extra wide beam angle of uplight + high visual comfort downlight with SUBROSA® technology and anti-glare louver
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: SMD
- LED CCT, lumen output: 3000K 7680lm
4000K 8320lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 3.0Kg



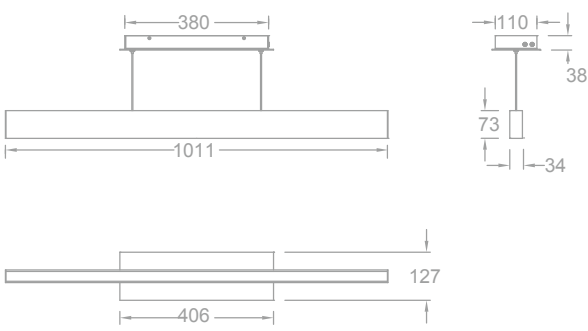
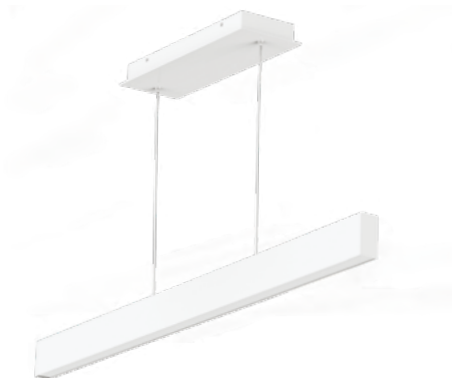
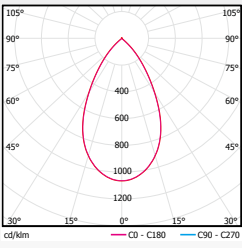
Model	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
LLBPE <i>Linear pedants B series E Size</i>	LD64 64W	2315lm(@64W 3000K 60°)	D 0-10V Dimming	30 40 3000K 4000K	6 60°	B Black	WT BK White Black

Example: LLBPE-LD64D-306BWT

LLBPE-LD64D-306BWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	2300	1.14	1.14
2	575	2.28	2.28
3	256	3.42	3.42
4	144	4.56	4.56



LLBPE-LD64D-406BWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	2540	1.14	1.14
2	635	2.28	2.28
3	282	3.42	3.42
4	159	4.56	4.56



LIGNE Pro Up and Down PANEL

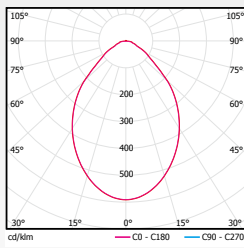
- Body material: Extruded aluminum
- Optical system: Extra wide beam angle of uplight + high visual comfort downlight with SUBROSA® technology and anti-glare panel
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: SMD
- LED CCT, lumen output: 3000K 6000lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 2.3Kg



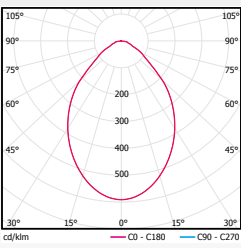
Model	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
LLBPX <i>Linear pedants B series X Size</i>	LD50 50W	2204lm(@50W 3000K 90°)	D 0-10V Dimming	30 40 3000K 4000K	9 90°	P Panel	WT BK White Black

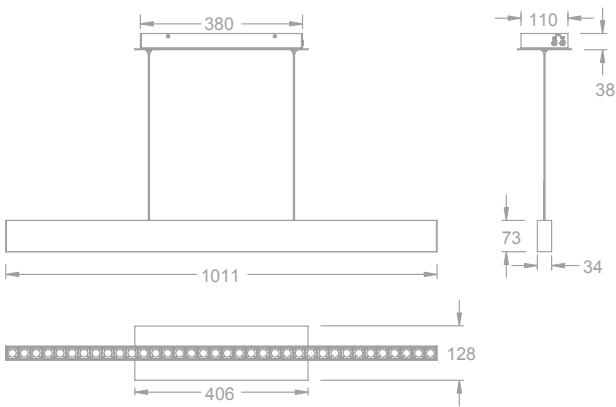
Example: LLBPX-LD50D-309PWT

LLBPX-LD50D-309PWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	1305	1.65	1.65
2	326	3.3	3.3
3	145	4.95	4.95
4	82	6.6	6.6



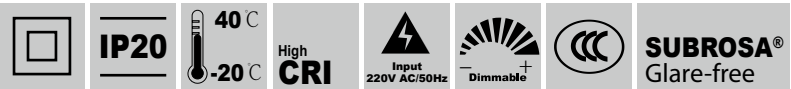
LLBPX-LD50D-409PWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	1390	1.65	1.65
2	348	3.3	3.3
3	154	4.95	4.95
4	87	6.6	6.6





LIGNE Pro Up and Down LOUVER

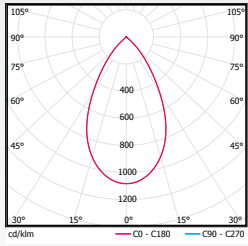
- Body material: Extruded aluminum
- Optical system: Extra wide beam angle of uplight + high visual comfort downlight with SUBROSA® technology and anti-glare louver
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: SMD
- LED CCT, lumen output: 3000K 7680lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 2.3Kg



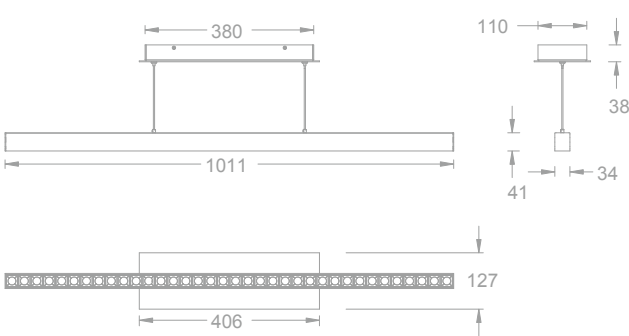
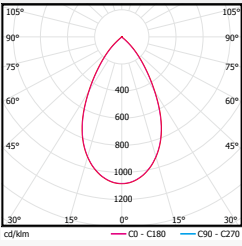
Model	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
LLBPX <i>Linear pedants</i> <i>B series</i> <i>X Size</i>	LD50 50W	1655lm(@50W 3000K 90°)	D 0-10V Dimming	30 3000K 40 4000K	6 60°	B Black	WT White BK Black

Example: LLBPX-LD50D-306BWT

LLBPX-LD50D-306BWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	1793	0.56	0.56
2	448	1.12	1.12
3	199	1.68	1.68
4	112	2.24	2.24

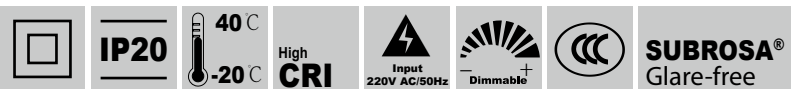


LLBPX-LD50D-406BWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	1910	0.56	0.56
2	478	1.12	1.12
3	212	1.68	1.68
4	119	2.24	2.24



LIGNE Pro

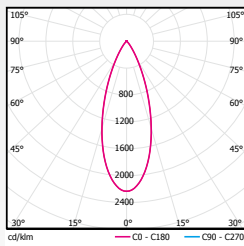
- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: SMD
- LED wattage, CCT, lumen output: 18W 3000K 1800lm
32W 3000K 3200lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 2.2Kg



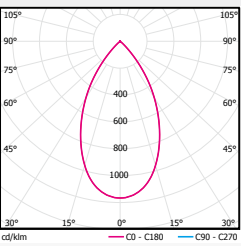
Model	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
LLAP6 <i>Linear Downlights</i> <i>A series</i> <i>Pendants</i>	LD18 18W LD32 32W	1663lm(@18W 3000K 35°) 1290lm(@18W 3000K 55°) 2847lm(@32W 3000K 35°) 2198lm(@32W 3000K 55°)	D 0-10V Dimming	30 3000K 40 4000K	3 35° 5 55°	B Black	WT White

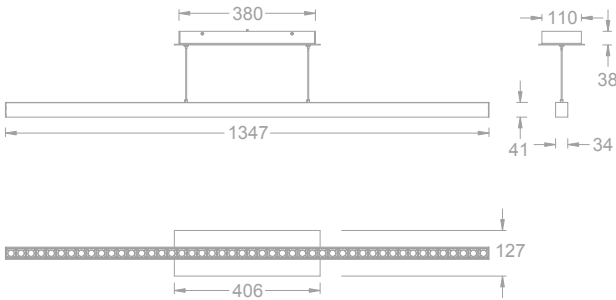
Example: LLAP6-LD18D-303BWT

LLAP6-LD32D-303BWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	6539	0.6	0.6
2	1635	1.3	1.3
3	727	1.9	1.9
4	409	2.5	2.5



LLAP6-LD32D-305BWT			
0° Aiming Angle			
D(m)	LUX	w	l
1	2670	1.0	1.0
2	668	2.1	2.1
3	297	3.1	3.1
4	167	4.2	4.2





LIGNE Pro

- Body material: Extruded aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cut off angle: 35°
- LED type: SMD
- LED wattage, CCT, lumen output: 24W 3000K 2500lm
43W 3000K 4000lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 2.5Kg

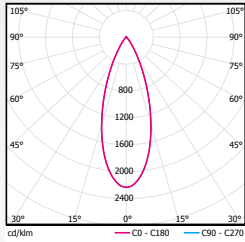


Model	LED Power	System Lumens	Driver	CCT	Beam Angle	Reflector	Finish
LLAP6 Linear Downlights A series Pendants	LD24 24W LD43 43W	2231lm(@24W 3000K 38°) 1742lm(@24W 3000K 56°) 3791lm(@43W 3000K 38°) 2939lm(@43W 3000K 56°)	D 0-10V Dimming	30 3000K 40 4000K	3 38° 5 56°	B Black	WT White

Example: LLAP6-LD24D-303BWT

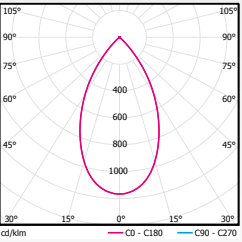
LLAP6-LD43D-303BWT

0° Aiming Angle			
D(m)	LUX	w	l
1	8516	0.6	0.6
2	2129	1.3	1.3
3	946	1.9	1.9
4	532	2.5	2.5



LLAP6-LD43D-305BWT

0° Aiming Angle			
D(m)	LUX	w	l
1	3449	1.0	1.0
2	862	2.1	2.1
3	383	3.1	3.1
4	215	4.2	4.2



WAC Dongguan Showroom,
Dongguan, Guangdong Province

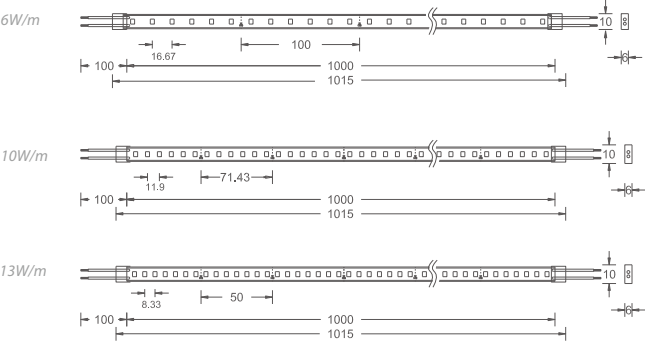
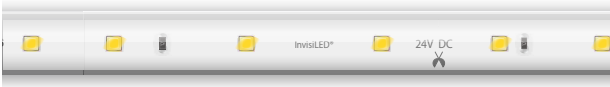


InvisiLED® Tape Light

InvisiLED®Tape Light

Sophisticated custom lighting made simple for homes, hotels, restaurants and other spaces, our energy efficient InvisiLED® LED tape lighting systems present enormous possibilities for any space.

Marriott Hotel Zhangjiagang
Suzhou, Jiangsu Province



InvisiLED® PRO Tube

- Body material: Flexible silicone cased tape light
- Finish: Clear Silicone casing
- LED type: SMD
- LED wattage, CCT, lumen output: 6W 3000K 566lm
10W 3000K 908lm
13W 3000K 1275lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.1Kg/m



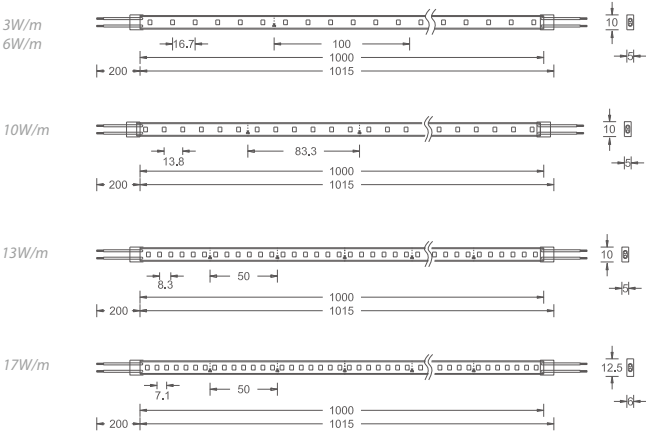
Model	Power	Length	Feature	CRI	CCT	Series
LED-TCE InvisiLED® Tape Light	06 6W/m 10 10W/m 13 13W/m	05 0.5m 10 1m 30 3m	T Tube	9 Ra≥90	27 2700K 30 3000K 40 4000K	S

Example: LED-TCE-0605T-9275

Accessories

Model	Description	Pictures
LED-T-S20	Clips for LED tube, 200 pcs/pkg	

* Power and accessories need to be ordered separately.



InvisiLED® G Tube

- Body material: Flexible silicone cased tape light
- Finish: Clear Silicone casing
- LED type: SMD
- LED wattage, CCT, lumen output: 3W 3000K 255lm
6W 3000K 525lm
10W 3000K 830lm
13W 3000K 1075lm
17W 3000K 1700lm
- LED lifetime: >36,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.1Kg/m

IP44

40°C

-20°C

High CRI

V

Input

24V DC

Dimmable

DMX

DALI

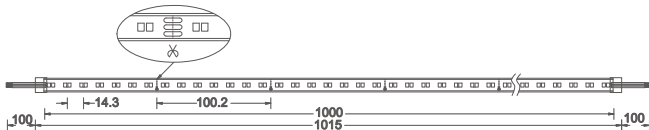
Model	Power	Length	Feature	CRI	CCT	Series
LED-TCE InvisiLED® Tape Light	03	3W/m	T Tube	9 Ra≥90	24	G
	06	6W/m			27	
	10	10W/m			30	
	13	13W/m			35	
	17	17W/m			40	
					50	

Example: LED-TCE-0610T-927G

Accessories

Model	Description	Pictures
LED-T10-1308	Channel for 3W/6W/10W/13W LED tape	
LED-T10-1508	Channel for 17W LED tape	

* Power and accessories need to be ordered separately.



InvisiLED® Sunlight Tunable Tube

- Body material: Flexible silicone cased tape light
- Finish: Clear Silicone casing
- LED type: SMD
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 5 SDCM
- Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.1Kg/m

IP44

40°C

-20°C

High CRI

V

Input

24V DC

Dimmable

DMX

DALI

Model	Power	Length	Feature	CCT
LED-TCE InvisiLED® Tape Light	20 20W/m	10 50 1m 5m	T Tube	2260 2200K-6000K

Example: LED-TCE-2010T-2260

2200K	6000K	
255	75	2700K
255	130	3000K
255	255	3500K
155	255	4000K
50	255	5000K

* Color view based on DMX512



InvisiLED® RGB Tube

- Body material: Flexible silicone cased tape light
 - Finish: Clear Silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
 - Net weight: 0.1Kg/m

IP44

40°C

-20°C

V

Input

24V DC

Dimmable

DMX

DALI

Model	Power	Length	Feature	Series
LED-TCE <i>InvisiLED® Tape Light</i>	06 12 6W/m 12W/m	10 30 1m 3m	T <i>Tube</i>	RGB

Example: LED-TCE-0610T-RGB

InvisiLED® RGBW Tube

- Body material: Flexible silicone cased tape light
 - Finish: Clear Silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color: RGBW (Warm)、RGBN(Natural)、RGBC(Cold)
 - Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
 - Net weight: 0.1Kg/m

IP44

40°C

-20°C

V

Input

24V DC

Dimmable

DMX

DALI

Model	Power	Length	Feature	Series
LED-TCE <i>InvisiLED® Tape Light</i>	20 20W/m	10 50 1m 5m	T <i>Tube</i>	RGBW RGBN RGBC <i>RGB+Warm white(3000K)</i> <i>RGB+Natural white(4000K)</i> <i>RGB+Cool white(6000K)</i>

Example: LED-TCE-2010T-RGBW

R	G	B	
255	60	110	
0	190	255	
255	80	10	
70	255	10	
255	200	60	

* Color view based on DMX512

R	G	B	W (White)	
255	0	255	100	
0	100	255	100	
255	180	125	255	
0	255	10	255	
255	50	0	30	

* Color view based on DMX512

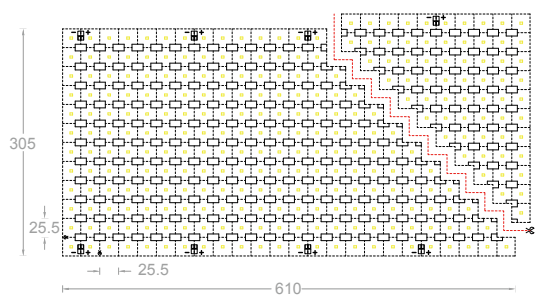


PIXELS LED

PIXELS LED

Infinitely adaptable and easily specifiable. Extend the boundaries of what can be illuminated with PIXELS, a Configurable LED Light Sheet for Backlighting. It is a versatile solution to evenly illuminate architectural surfaces and signage without occupying too much space or complicating the installation. Backlight your translucent marble countertop or quartz backsplash to create a very unique light source. Cut vertically or horizontally in the field to accommodate cabinets, workbenches, mantels and other spaces. Powered through daisy-chaining integral connectors along its edges, PIXELS can be mounted by applying 3M-construction adhesive or staples. Ideal for both interior and covered exterior environments.

Wuzhen Internet Intl Convention Center
Wuzhen, Zhejiang Province



PIXELS LED Single Cutting

- Body material: Flexible metal PCB board
- LED type: SMD
- LED CCT, lumen output: 10W 3000K 1000lm
20W 3000K 2000lm
- LED lifetime: >36,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- Dimming control: Dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.25Kg/Pcs

IP20

40 °C

-20 °C

High CRI

V

Input

24V DC

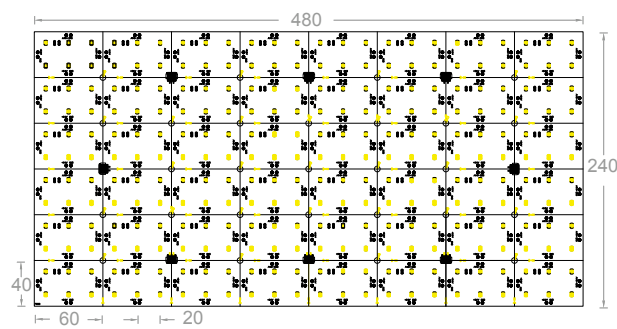
Dimmable

DMX

DALI

Model	Power	Length	CRI	CCT
LED-P Pixels Light	10	3060 305mm x 610mm	9 90	27 2700K
	20			30 3000K
				35 3500K
				40 4000K
				50 5000K

Example: LED-P10-3060-927



PIXELS LED Group Cutting Mono

- Body material: Flexible metal PCB board
- Size: 240mm x 480mm
- Minimum cutting: 20mm x 60mm
- LED type: SMD
- LED wattage: 45W/pcs Max (Can be customized)
- LED lifetime: >36,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- Dimming control: Dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.3Kg/Pcs

IP20

40 °C

-20 °C

High CRI

V

Input

24V DC

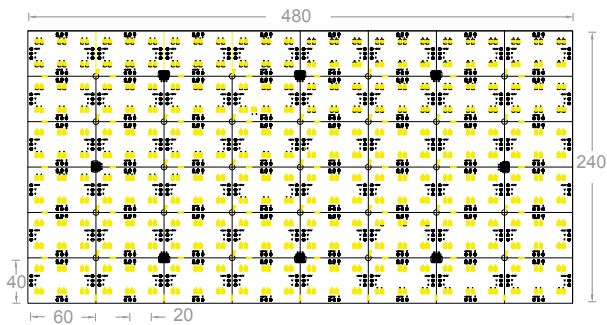
Dimmable

DMX

DALI

Model	Power	Length	CRI	CCT	Series
LED-P Pixels Light	45 45W/pcs Max	2448 240mm x 480mm	9 90	27 2700K	G
				30 3000K	
				40 4000K	

Example: LED-P45-2448-927G



PIXELS LED Group Cutting Tunable

- Body material: Flexible metal PCB board
- Size: 240mm x 480mm
- Minimum cutting: 40mm x 60mm
- LED type: SMD
- LED wattage: 90W/pcs Max (Can be customized)
- LED lifetime: >36,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- Dimming control: Dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.3Kg/Pcs

IP20

40 °C

-20 °C

High CRI

V

Input

24V DC

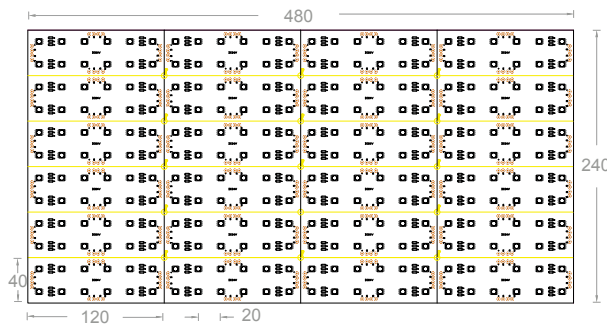
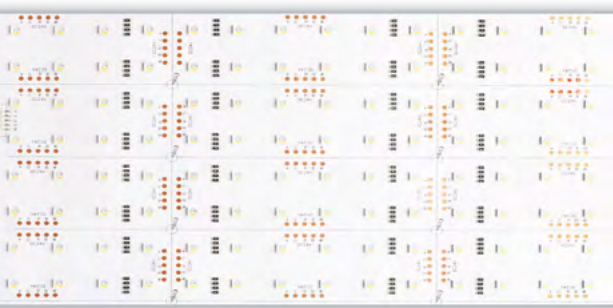
Dimmable

DMX

DALI

Model	Power	Length	CCT	Series
LED-P Pixels Light	90 90W/pcs Max	2448 240mm x 480mm	CC Color Changing (2700K-6500K)	G

Example: LED-P90-2448-CCG



PIXELS LED Group Cutting RGB

- Body material: Flexible metal PCB board
- Size: 240mm x 480mm
- Minimum cutting: 40mm x 120mm
- LED type: SMD
- LED wattage: Fully 60W/pcs(20W x 3)
- LED lifetime: >36,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- Dimming control: Dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.3Kg/Pcs

IP20

40 °C

-20 °C

High CRI

V

Input

24V DC

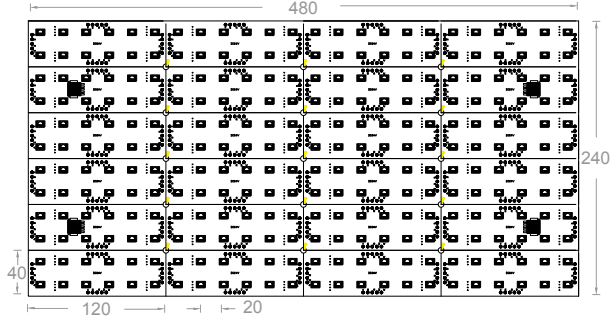
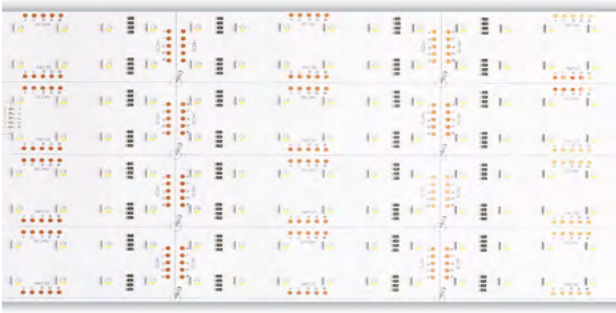
Dimmable

DMX

DALI

Model	Power	Length	CCT	Series
LED-P Pixels Light	60 60W/pcs Max	2448 240mm x 480mm	FC RGB	G

Example: LED-P60-2448-FCG



PIXELS LED Group Cutting RGBW

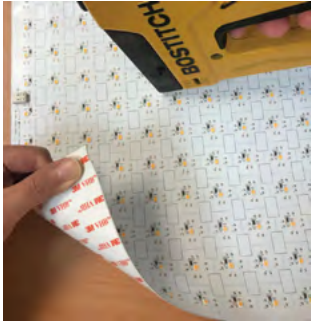
- Body material: Flexible metal PCB board
- Size: 240mm x 480mm
- Minimum cutting: 40mm x 120mm
- LED type: SMD
- LED wattage: Fully 80W/pcs (20W x 4)
- LED lifetime: >36,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- Dimming control: Dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.3Kg/Pcs



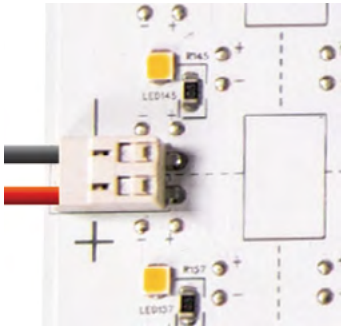
Model	Power	Length	CCT	Series
LED-P <i>Pixels Light</i>	80 <i>80W/pcs Max</i>	2448 <i>240mm x 480mm</i>	F3 <i>RGBW (3000K)</i> F4 <i>RGBW (4000K)</i>	G

Example: LED-P80-2448-F3G

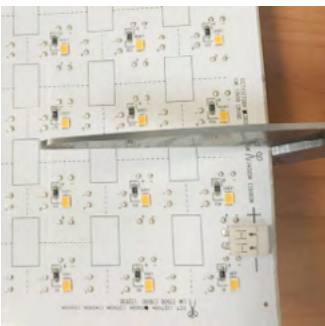
INSTALLATION INSTRUCTIONS



Use the included 3M adhesive on the back in most applications which should be sufficient in most applications for smooth surface. However if mounting surface is a porous or texture surface, then use a staple gun or any nails to secure the PIXELS after wiring.

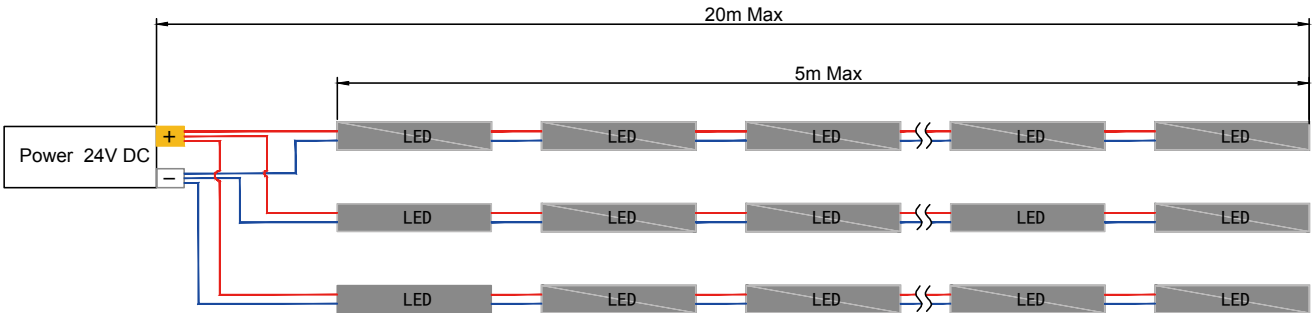


Measure the distance between the runs in order to determine the length of extension feed wires. Connector accepts AWG #24 – #18, recommend AWG #18 solid wire for low voltage drop.



Follow the dotted line cutting guides and cut the PIXELS to desired size, PIXELS is field cuttable vertically or horizontally anywhere to single pixel increment.

Wiring diagram:



* Use 24V 10W PIXELS for example

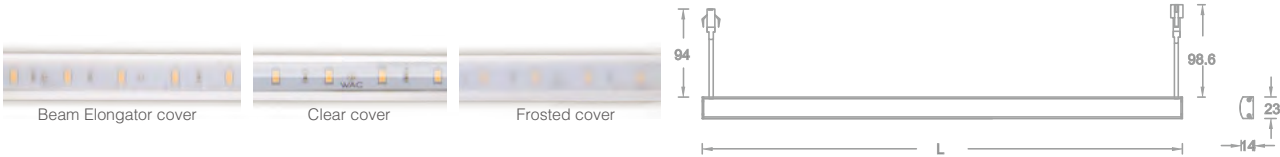


STRIP LED

STRIP LED

The sleek low profile design makes Straight Edge® ideal for under cabinet, cove and niche applications. The LED light source produces very little heat and no UV or Infrared radiation; perfect for applications involving color sensitive or perishable items. Five different mounting options and a myriad of other accessories allow for highly customized layout designs.

J Hotel Shanghai Tower
Shanghai



Straight Edge®

- Body material: Aluminum profile with PC cover
- Finish: Environmentally safe powder coat
- LED type: SMD
- LED power: 6W,10W,15W, 20W and 25W
- LED wattage, CCT, lumen output: 6W 3000K 453lm
10W 3000K 704lm
15W 3000K 980lm
20W 3000K 1260lm
25W 3000K 1472lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Length: 0.1m/0.25m/0.5m/0.75m/1m(includes one 15mm terminal)
- Dimming control: Dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.35Kg/m

IP20

40°C
-20°C

High
CRI

V
Input
24V DC

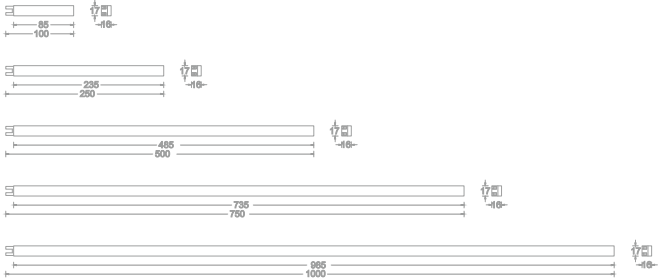
Model	Power	Length	Cover	CRI	CCT	Finish
LS211	06 10 15	6W/m 10W/m 15W/m	TM HM 1M	9 90	27 2700K 30 3000K 35 3500K 40 4000K	WT White
			C F S			
			Transparent mask Fog face mask Stripe mask			
	20 25	20W/m 25W/m	QM HM 1M			

Example: LS211-20QMC-927WT
* Power supply and power cable excluded.
* All models include horizontal installation clips. For other special clips, please order separately.

Accessories

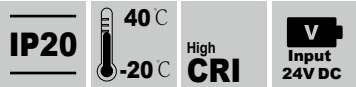
Model	Description	Pictures
SL-C1-WT	Flat mounting clip(included)	
SL-C2-WT	Angle mounting clip(Order separately)	
SL-C3-WT	Adjustable angle mounting clip(Order separately)	
LED-LS-TL-08BK	Cable with male connector(Order separately)	
LED-LS-T-08BK	Cable with female connector(Order separately)	

* Maxium joint length is 3m(25W/m)



LED STRIP

- Body material: PC Cover
- Accessories/Brackets: fixed by magnet or 3M tape
- LED type: SMD
- LED wattage, CCT, lumen output: 8W/m 3000K 520lm
12W/m 3000K 780lm
20W/m 3000K 1500lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 5 SDCM
- Length: 0.1m/0.25m/0.5m/0.75m/1m (includes one 15mm terminal)
- Dimming control: ON-OFF
- Net weight: 0.16Kg/m



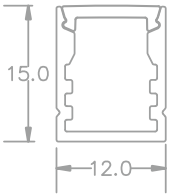
Model	Power	Length	CRI	CCT	Series	Finish
HLSE LED Strip	08	08W/m	9	27 30 35 40	E2	WT white
	12	12W/m				
	05	500mm				
	07	750mm				
	10	1000mm				

Example: HLSE-0801-927E2WT

Accessories

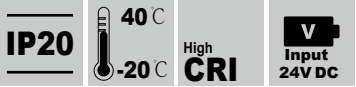
Model	Description	Pictures
HLSE-PL	Installation accessories	
HLSE-AB	Angle adjustment bracket	
HLSE-001-IC	"I" shape connector for two LED strips, length 10mm	
HLSE-150-PC	Cable for connecting driver and HLSE, length 1500mm	

* Maxium joint length 5m(12W/m)



LED STRIP

- Body material: Aluminum profile with PC cover
- LED type: SMD
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- Dimming control: Dimming beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI

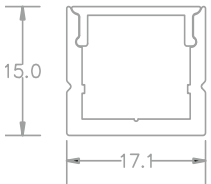


Model	Power	Length	CRI	CCT	Series	Finish
HLSE LED Strip	06 10	06W/m 10W/m	9	27 30 40	A1 width 12mm height 15mm	SG

Example: HLSE-0610-927A1SG
*Power Feed Type: Bottom

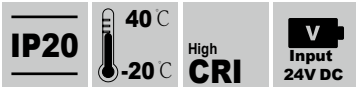
Accessories

Description	Pictures
Includes accessories	



LED STRIP

- Body material: Aluminum profile with PC cover
- LED type: SMD
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- Dimming control: Dimming beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI

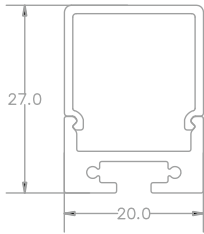


Model	Power	Length	CRI	CCT	Series	Finish
HLSE LED Strip	06 10 13	06W/m 10W/m 13W/m	9	27 30 40	A3 Width 17mm Height 15mm	SG

Example: HLSE-0610-927A3SG
*Can customize tunable/RGBW/DMX etc, Power Feed Type: Bottom

Accessories

Description	Pictures
Includes accessories	



STRIP LED

- Body material: Aluminum profile with PC cover
- LED type: SMD
- LED lifetime: >36,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
- Dimming control: Dimming beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI

IP20

40℃

-20℃

High CRI

V

Input

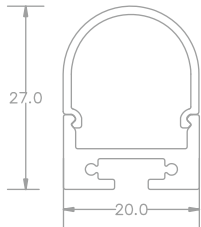
24V DC

Model	Power	Length	CRI	CCT	Series	Finish
HLSE LED Strip	06	1010mm	9 90	27	A4 Width 20mm Height 27mm Three sides	SG
	10			2700K		
	13			3000K		
	17			4000K		

Example: HLSE-0610-927A4SG
*Can customize tunable/RGBW/DMX etc, Power Feed Type: Bottom

Accessories

Description	Pictures
Includes accessories	



STRIP LED

- Body material: Aluminum profile with PC cover
- LED type: SMD
- LED lifetime: >36,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
- Dimming control: Dimming beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI

IP20

40℃

-20℃

High CRI

V

Input

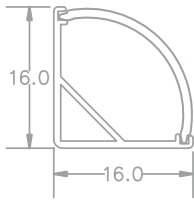
24V DC

Model	Power	Length	CRI	CCT	Series	Finish
HLSE LED Strip	06	06W/m	9	27	A5	SG
	10	10W/m		2700K		
	13	13W/m		3000K		
	17	17W/m		4000K		
		1010mm	90		Width 20mm Height 27mm Fan-Shaped	

Example: HLSE-0610-927A5SG
*Can customize tunable/RGBW/DMX etc, Power Feed Type: Bottom

Accessories

Description	Pictures
Includes accessories	



STRIP LED

- Body material: Aluminum profile with PC cover
- LED type: SMD
- LED lifetime: >36,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
- Dimming control: Dimming beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI

IP20

40℃

-20℃

High CRI

V

Input

24V DC

Model	Power	Length	CRI	CCT	Series	Finish
HLSE LED Strip	06 06W/m	10 1010mm	9 90	27 2700K	A2 Width 16mm Fan-Shaped	SG
	10 10W/m			30 3000K		
	13 13W/m			40 4000K		

Example: HLSE-0610-927A2SG
*Power Feed Type: Bottom

Accessories

Description	Pictures
Includes accessories	



J Hotel Shanghai Tower
Shanghai

EXTERIOR LIGHTING

EXTERIOR

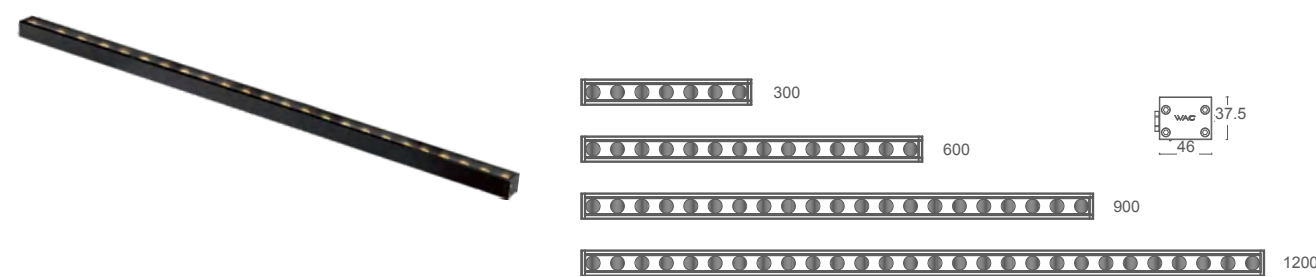
Bring light to all sides of your home or commercial space with the latest exterior lighting designs and technologies. Outdoor lighting is not only used as décor, it is also very functional in bringing more light to poorly lit parts of your property. Outdoor sconces, ceiling luminaires, step lights and indicator lights are perfect for providing a stronger sense of safety and security to the outside of your property.

Nantong Grand Theater
Nantong, Jiangsu Province



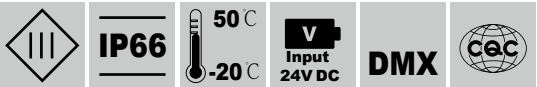
Mu Xin Art Museum
Wuzhen, Zhejiang Province





GRAZE I

- Body material: Extruded aluminum profile, die-cast aluminum end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Many mounting brackets available, adjust fixture vertically +/-70°
- LED type: High Power LED
 - LED wattage, CCT, lumen output: 16W 3000K 1360lm
32W 3000K 2720lm
48W 3000K 4080lm
64W 3000K 5440lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM(MONO)
 - Net weight: 0.78Kg/300mm, 1.56Kg/600mm, 2.34Kg/900mm, 3.12Kg/1200mm



Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Power Feed Type	CCT	Finish
ELS103-16	300	16(Max)	7	1088	ON-OFF 24V DC Power Supply Max 700mA Drive DMXS12 Dimming 24V DC Power Supply	18° 215° 330° 440° 9°x15° 10°x50°	S Side	272700K 303000K 404000K	B Black
ELS106-32	600	32(Max)	14	1976					
ELS109-48	900	48(Max)	21	3007					
ELS112-64	1200	64(Max)	28	3994					

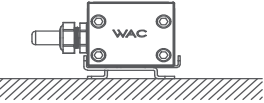
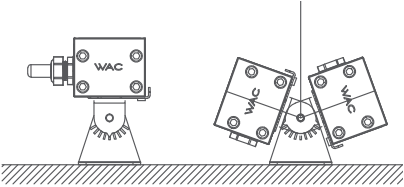
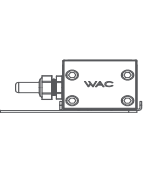
Example : ELS103-16ET-1S30-B

Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Power Feed Type	CCT	Finish
ELS103-14	300	14(Max)	6	1088	DMXS12 Dimming 24V DC Power Supply	18° 215° 330° 440° 9°x15° 10°x50°	S Side	FC RGB	B Black
ELS106-28	600	28(Max)	12	1976					
ELS109-42	900	42(Max)	18	3007					
ELS112-56	1200	56(Max)	24	3994					

Example : ELS103-14MT-1SFC-B

Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Power Feed Type	CCT	Finish
ELS106-28	600	28(Max)	12	1976	DMXS12 Dimming 24V DC Power Supply	18° 215° 330° 440° 9°x15° 10°x50°	S Side	FW RGBW (3000K)	B Black
ELS112-56	1200	56(Max)	24	3994					

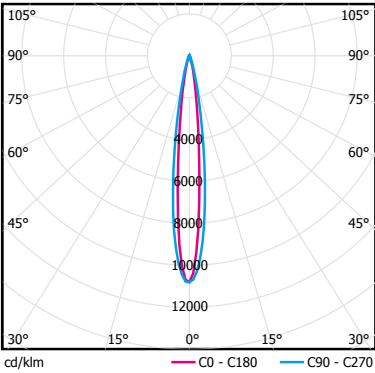
Example : ELS106-28MT-1SFW-B

Accessories			
ITEM	Description	Picture	Mounting
ELS1-FB001	Bracket		
ELS1-AB001	Adjustable Bracket		
ELS1-WB001	Wall Bracket		

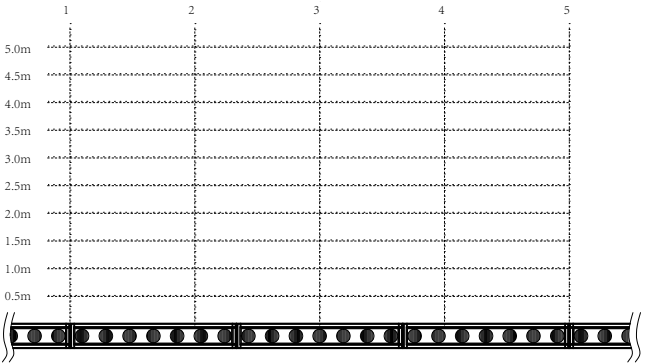
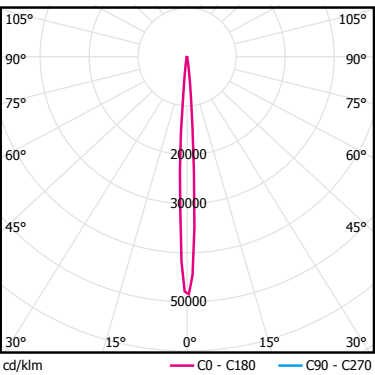
Accessories			
ITEM	Description	Picture	Drawing
ELS1-GB030-BK	300mm Frame		
ELS1-GB060-BK	600mm Frame		
ELS1-GB090-BK	900mm Frame		
ELS1-GB120-BK	1200mm Frame		
Note: Suitable for MONO Series			

The Optical Parameters

9°x15°



8°



Distance from wall(0.04m)/ 9°x15°

Height(m)	1(LUX)	2(LUX)	3(LUX)	4(LUX)	5(LUX)
5	29	29	29	28	28
4.5	34	34	33	34	34
4	40	40	40	40	40
3.5	49	49	49	49	49
3	64	64	64	63	63
2.5	86	86	87	86	86
2	127	127	128	127	127
1.5	211	210	210	211	210
1	407	413	415	408	412
0.5	948	877	895	949	876

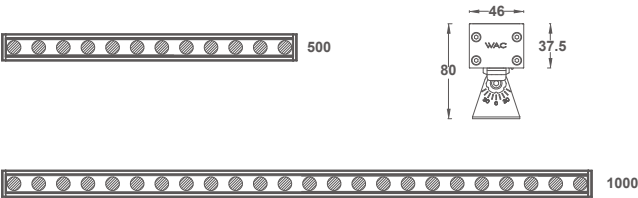
Distance from wall(0.04m)/ 8°

Height(m)	1(LUX)	2(LUX)	3(LUX)	4(LUX)	5(LUX)
5	50	50	50	49	49
4.5	59	59	59	60	60
4	71	72	72	72	72
3.5	90	90	90	90	90
3	117	118	116	116	117
2.5	157	159	158	157	158
2	224	227	224	224	227
1.5	342	345	338	341	345
1	529	561	527	529	560
0.5	667	645	660	667	645

System Wiring ON/OFF



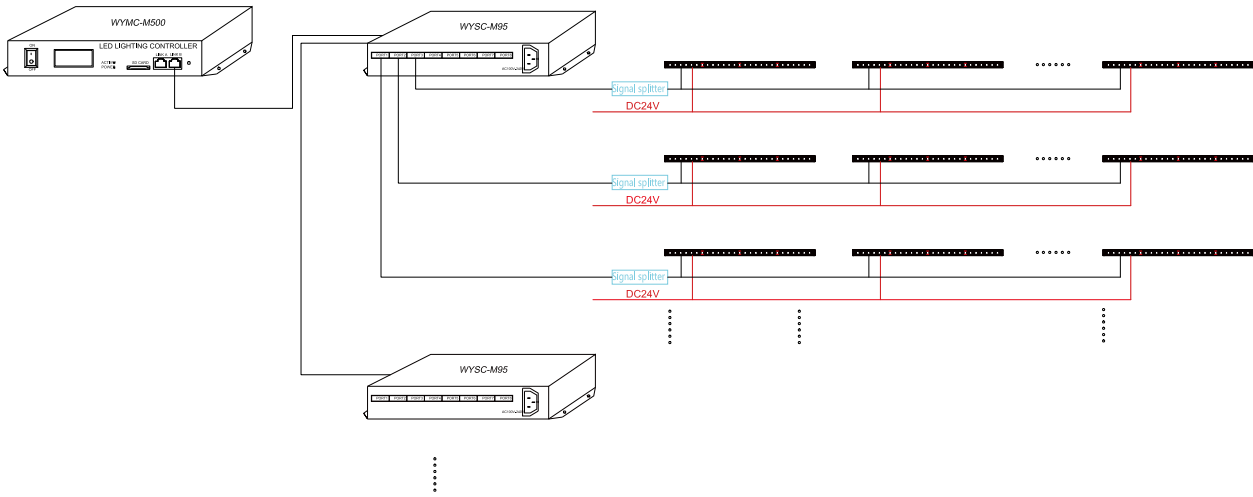
- Diminutive IP65 waterproof junction box is used for cable connections
- Each power supply circuit is limited to a set of 5 luminaires



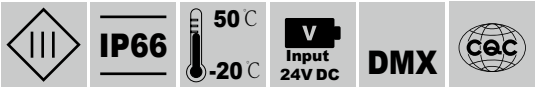
GRAZE II

- Body material: Extruded aluminum profile, die-cast aluminum end cap
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Many mounting brackets available, adjust fixture vertically +/-70°
- LED type: High Power LED
- LED wattage, CCT, lumen output: 28W 3000K 1932lm
56W 3000K 3864lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 2700K/3000K/4000K/RGB, Ra80
- LED color consistency: 3 SDCM(MONO)
- Net weight: 1.3Kg/500mm, 2.8Kg/1000mm

System Wiring DMX



- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixels (mono color), 170 pixels (RGB) or 128 pixels (RGBW)



Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Power Feed Type	CCT	Finish
ELS205-28	500	28(Max)	12	1860	ET ON-OFF 24V DC Power Supply	S 8° 1 15° 3 30° 4 40° E 9°×15° G 10°×50°	B Bottom	27 2700K 30 3000K 40 4000K	BK Black
ELS210-56	1000	56(Max)	24	3721	EC Max 700mA Drive				

Example : ELS205-28ET-SB30BK

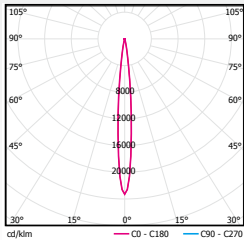
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Power Feed Type	CCT	Finish
ELS205-28	500	28(Max)	12	1860	MT DMX512 Dimming 24V DC Power Supply	S 8° 1 15° 3 30° 4 40° E 9°×15° G 10°×50°	B Bottom	27 2700K 30 3000K 40 4000K FC RGB	BK Black
ELS210-56	1000	56(Max)	24	3721					

Example : ELS205-28MT-EBFCBK

ELS210-56ET-SB30BK

0°AIMING ANGLE

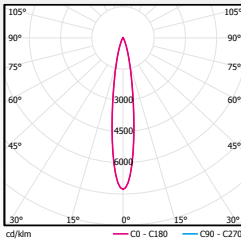
D(m)	LUX	W	L
1	77893	0.2	0.2
2	19473	0.3	0.3
3	8655	0.5	0.5
4	4868	0.7	0.7

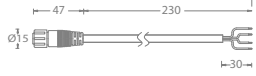


ELS210-56ET-1B30BK

0°AIMING ANGLE

D(m)	LUX	W	L
1	23312	0.3	0.3
2	5828	0.6	0.6
3	2590	0.9	0.9
4	1457	1.1	1.1

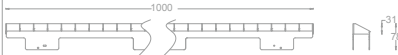


Accessories				
ITEM	Description	Picture	Drawing	Quantity Suggested
ELC3-SC-CT002F	Female signal connector			1pc per 32m
ELC3-SC-CT002M	Male signal connector			1pc per 32m

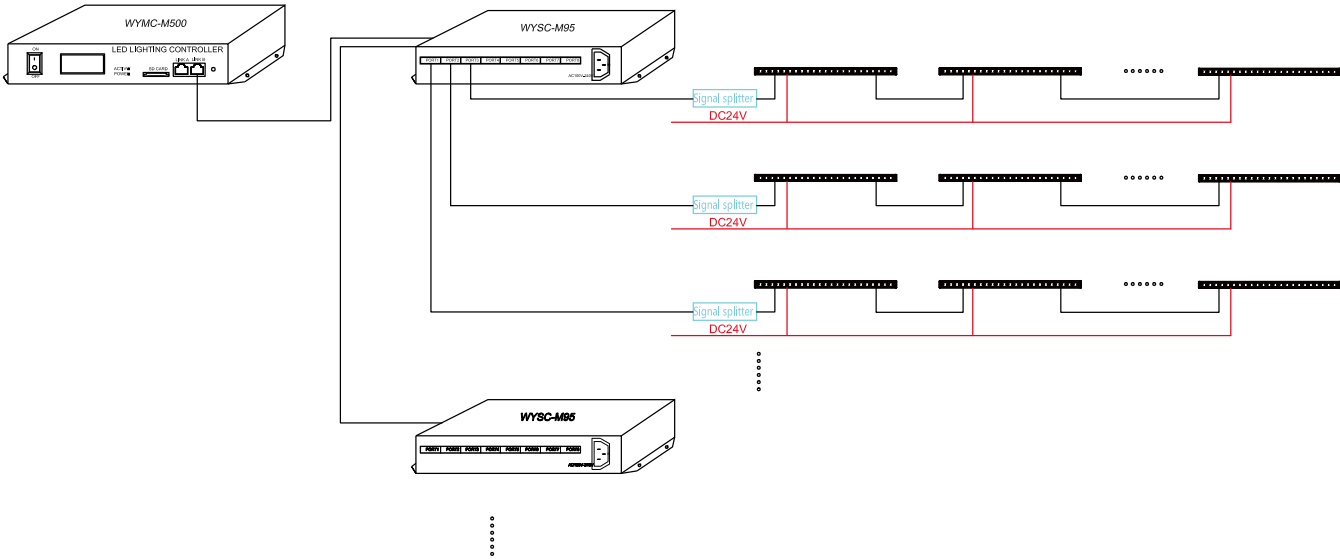
System Wiring ON/OFF



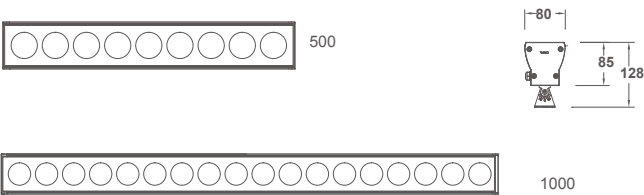
- Diminutive IP65 waterproof junction box is used for cable connections
- Each power supply circuit is limited to a set of 5 luminaires

Accessories			
ITEM	Description	Picture	Drawing
ELS2-GB050-BK	500mm Frame		
ELS2-GB100-BK	1000mm Frame		

System Wiring DMX

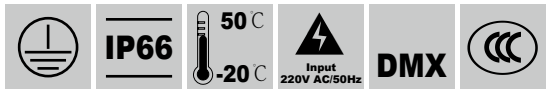


- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixels (mono color), 170 pixels (RGB) or 128 pixels (RGBW)



GRAZE LARGE

- Body material: Extruded aluminum profile, die-cast aluminum end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Many mounting brackets available, adjust fixture vertically +/-70°
- LED type: High Power LED
 - LED Color, lumen output: 48W RGBW(3000K) 4990lm
96W RGBW(3000K) 9980lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K/RGBW, Ra80
 - LED color consistency: 3 SDCM(MONO)
 - Net weight: 3Kg/500mm, 6Kg/1000mm



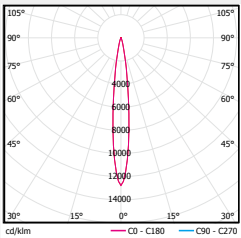
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
ELS305-48	500	48(Max)	9	2137 RGBW	EL ON-OFF 220V AC Power Supply ML DMX512 Dimming 220V AC Power Supply	1 15° 2 25° 3 35°	27 2700K 30 3000K 40 4000K F30 RGBW(W3000K) F40 RGBW(W4000K) F60 RGBW(W6000K)	BK Black
ELS310-96	1000	96(Max)	18	4274 RGBW				

Example : ELS305-48ML-1F30BK

ELS310-96EL-130BK

0°AIMING ANGLE

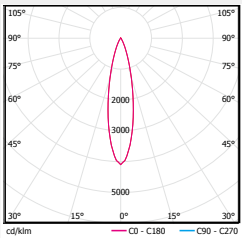
D(m)	LUX	W	L
1	7981	0.2	0.2
2	1995	0.5	0.5
3	887	0.7	0.7
4	499	0.9	0.9



ELS310-96EL-230BK

0°AIMING ANGLE

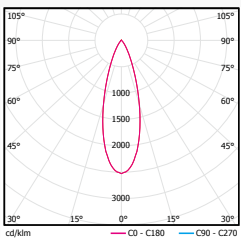
D(m)	LUX	W	L
1	7687	0.4	0.4
2	1922	0.9	0.9
3	854	1.3	1.3
4	480	1.8	1.8



ELS310-96EL-330BK

0°AIMING ANGLE

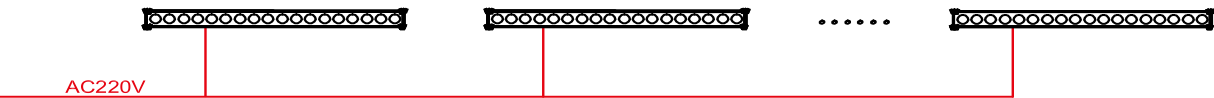
D(m)	LUX	W	L
1	7755	0.6	0.6
2	1939	1.2	1.2
3	862	1.8	1.8
4	485	2.3	2.3



Accessories

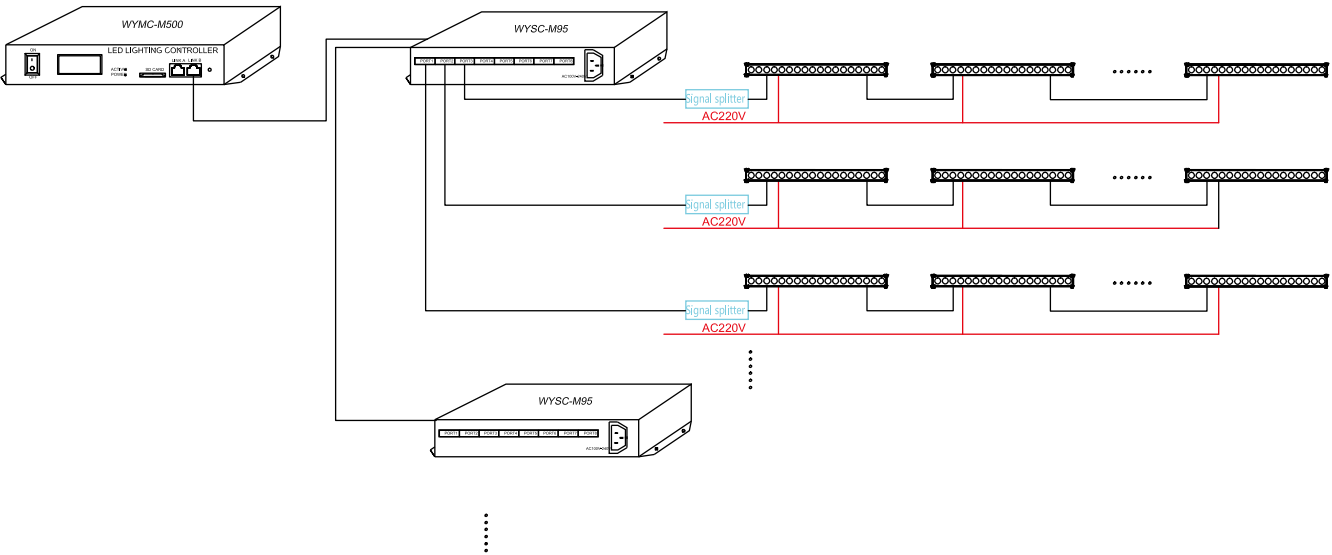
ITEM	Description	Picture	Drawing	Qty Suggested
ELC3-SC-CT002F	Female signal connector			1pc per 32m
ELC3-SC-CT002M	Male signal connector			1pc per 32m

System Wiring ON/OFF

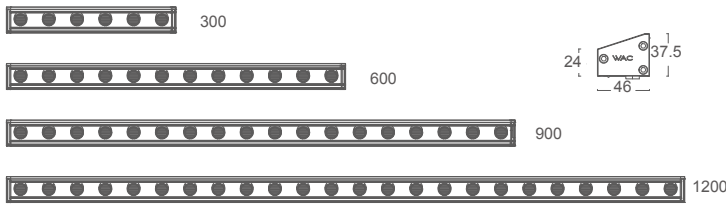


- Minimum IP65 waterproof connector to be used for cable connections
- Each power supply circuit is limited to a set of 20 luminaires

System Wiring DMX

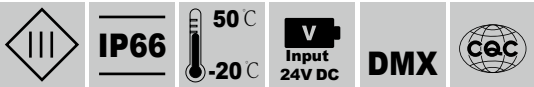


- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel (mono color),170 pixel (RGB) or 128 pixel (RGBW)



WASH

- Body material: Extruded aluminum profile, die-cast aluminum end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Many mounting brackets available, adjust fixture vertically +/-70°
- LED type: High Power LED
 - LED wattage, CCT, lumen output: 14W 3000K 966lm
28W 3000K 1932lm
42W 3000K 3381lm
56W 3000K 3864lm
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K/RGB, Ra80
 - LED color consistency: 3 SDCM(MONO)
Net weight: 0.73Kg/300mm, 1.46Kg/600mm, 2.19Kg/900mm, 2.9Kg/1200mm



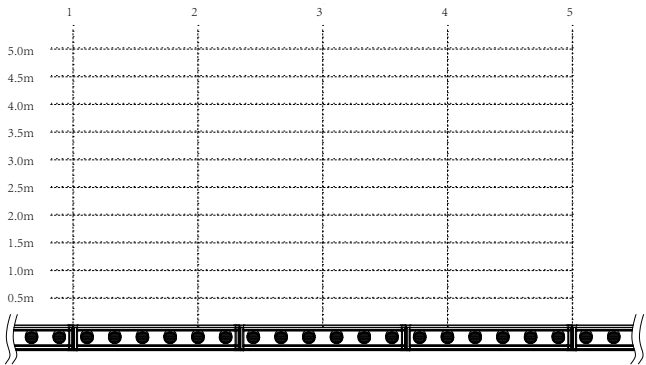
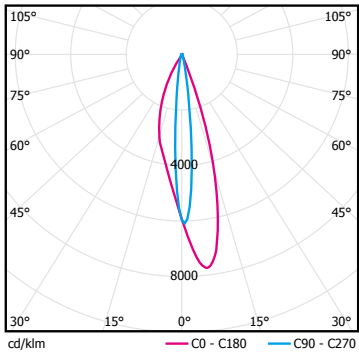
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Power Feed Type	CCT	Finish
ELW503-14	300	14(Max)	6	830	ET ON-OFF 24V DC Power Supply MT DMX512 Dimming 24V DC Power Supply	W 11°×23°	B Bottom	30 40 3000K 4000K	B Black
ELW506-28	600	28(Max)	12	1635					
ELW509-42	900	42(Max)	18	2658					
ELW512-56	1200	56(Max)	24	3544					

Example : ELW503-14ET-WB30-B

Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Power Feed Type	CCT	Finish
ELW503-14	300	14(Max)	6	581	MT DMX512 Dimming 24V DC Power Supply	W 11°×23°	B Bottom	FC RGB	B Black
ELW506-28	600	28(Max)	12	1144					
ELW509-42	900	42(Max)	18	2200					
ELW512-56	1200	56(Max)	24	2481					

Example : ELW503-14MT-WBFC-B

The Optical Parameters



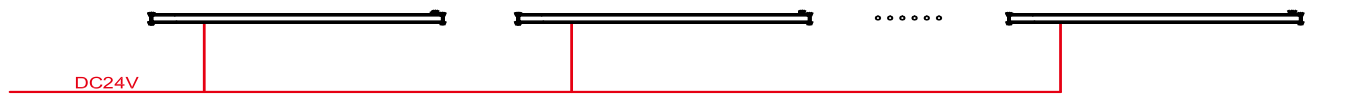
Distance from wall(0.5m)

Height(m)	1(LUX)	2(LUX)	3(LUX)	4(LUX)	5(LUX)
5	39	40	41	40	40
4.5	48	49	49	49	49
4	59	60	61	60	60
3.5	75	76	76	76	76
3	97	98	98	98	97
2.5	124	125	125	125	124
2	147	148	148	148	147
1.5	138	139	139	139	138
1	83	84	85	85	83
0.5	61	62	62	62	61

Distance from wall(1.0m)

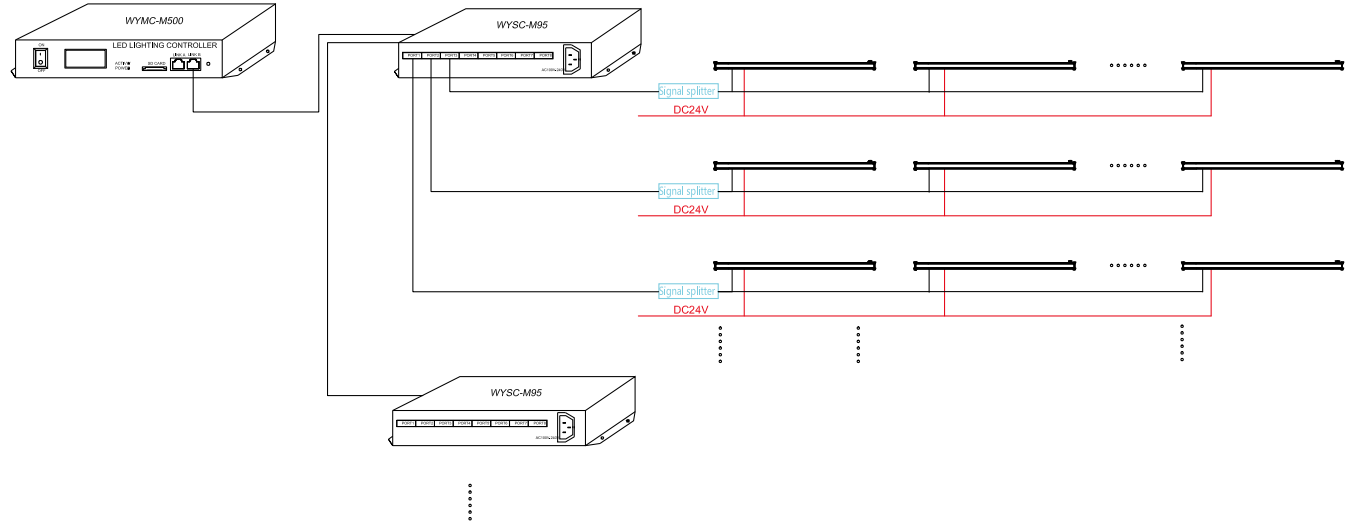
Height(m)	1(LUX)	2(LUX)	3(LUX)	4(LUX)	5(LUX)
5	61	63	63	63	62
4.5	68	70	70	70	69
4	74	75	75	75	74
3.5	76	77	77	77	76
3	71	72	72	72	71
2.5	59	60	60	60	60
2	42	43	44	43	42
1.5	33	35	35	35	34
1	30	31	32	31	30
0.5	19	20	20	20	19

System Wiring ON/OFF

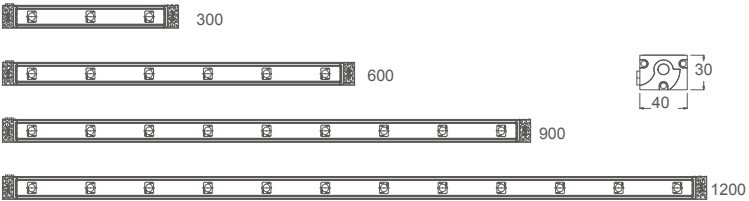


- Minimum IP65 waterproof junction box to be used for cable connections
- Each power supply circuit should be limited to not more than 5 LED luminaires

System Wiring DMX

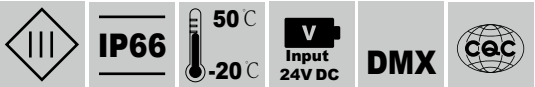


- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel (mono color),170 pixel (RGB) or 128 pixel (RGBW)



VIEW VERTICAL

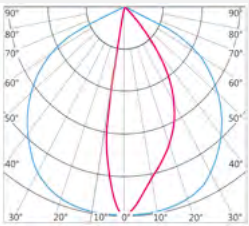
- Body material: Extruded aluminum profile, die-cast aluminum end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Solid bracket ensures precision aiming and continuous illumination when run end to end
- LED type: High Power LED
 - LED wattage, CCT, lumen output:
 - 7W 3000K 483lm
 - 14W 3000K 966lm
 - 21W 3000K 1449lm
 - 28W 3000K 1932lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.5Kg/300mm, 1Kg/600mm,1.5Kg/900mm, 2Kg/1200mm

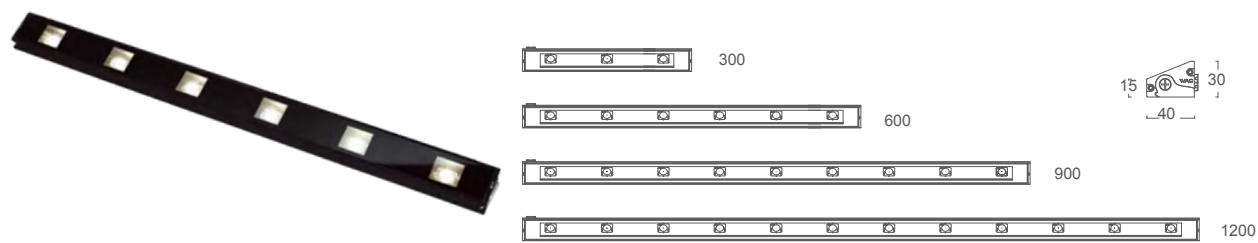


Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Power Feed Type	CCT	Finish	
ELV103-07	300	7(Max)	3	368	ET ON-OFF 24V DC Power Supply MT DMX512 Dimming 24V DC Power Supply	C 60°×100°	S B Side Bottom	30 40	3000K 4000K	B Black
ELV106-14	600	14(Max)	6	748						
ELV109-21	900	21(Max)	9	1088						
ELV112-28	1200	28(Max)	12	1399						

Example : ELV103-07ET-CS30-B

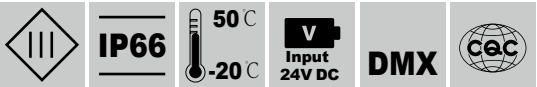
ELV103-07ET-CS30-B





VIEW horizontal

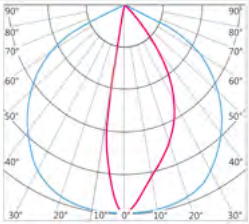
- Body material: Extruded aluminum profile, die-cast aluminum end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Solid bracket ensures precision aiming and continuous illumination
- LED type: High Power LED
 - LED wattage, CCT, lumen output: 7W 3000K 483lm
14W 3000K 966lm
21W 3000K 1449lm
28W 3000K 1932lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.45Kg/300mm, 0.9Kg/600mm, 1.35Kg/900mm, 1.8Kg/1200mm



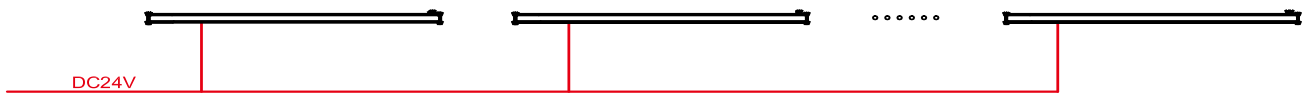
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Power Feed Type	CCT	Finish
ELV203-07	300	7(Max)	3	455	ET ON-OFF 24V DC Power Supply MT DMX512 Dimming 24V DC Power Supply	C 60°x100°	S Side	30 40 3000K 4000K	B Black
ELV206-14	600	14(Max)	6	890					
ELV209-21	900	21(Max)	9	1329					
ELV212-28	1200	28(Max)	12	1772					

Example : ELV203-07ET-CS30-B

ELV203-07ET-CS30-B

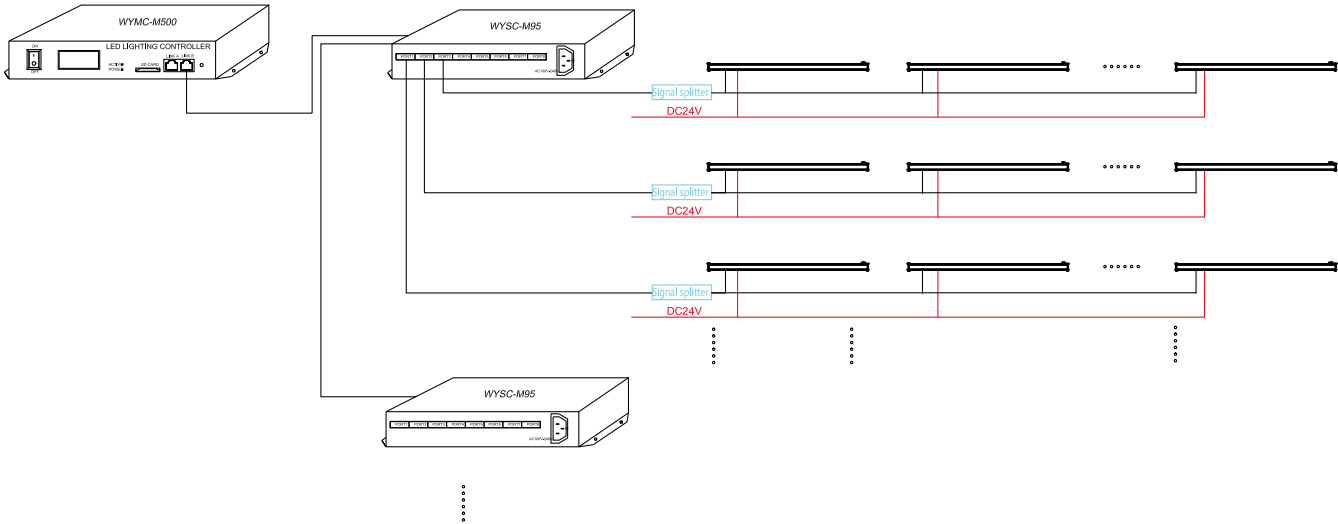


System Wiring ON/OFF

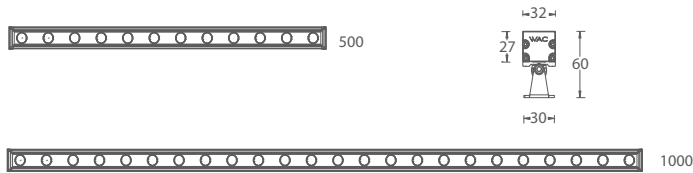


- Diminutive IP65 waterproof junction box is used for cable connections
- Each power supply circuit should be limited to not more than 5 luminaires

System Wiring DMX

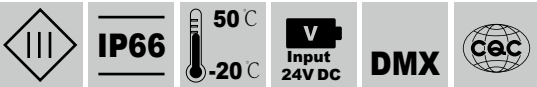


- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel (mono color),170 pixel (RGB) or 128 pixel (RGBW)



MINI FLOOD II Color Changing

- Body material: Extruded aluminum profile, die-cast aluminum end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Adjust fixture vertically +/-90°
- LED type: SMD
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: RGBW, Ra80
 - LED color consistency: 5 SDCM
 - Net weight: 0.8Kg/500mm, 1.5Kg/1000mm

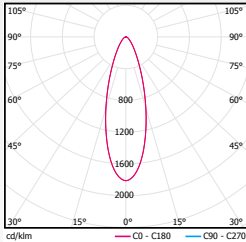


Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
ELF405-12	500	12(Max)	12	372	MT DMX512 Dimming 24V DC Power Supply	2 3 5 F	F30 F40 F60	BK Black
ELF410-24	1000	24(Max)	24	746		22° 31° 50° 28°x44°	RGBW(3000K) RGBW(4000K) RGBW(6000K)	

Example : ELF405-12MT-2F30BK

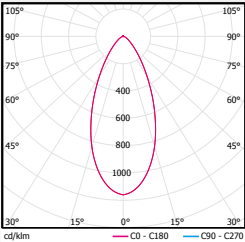
ELF410-24MT-3F30BK

0° Aiming Angle			
D(m)	LUX	W	L
1	1433	0.6	0.6
2	358	1.2	1.2
3	159	1.8	1.8
4	90	2.4	2.4



ELF410-24MT-5F30BK

0° Aiming Angle			
D(m)	LUX	W	L
1	760	0.9	0.9
2	190	1.9	1.9
3	84	2.8	2.8
4	48	3.7	3.7



Accessories

ITEM	Description	Picture	Drawing
ELF3-CB050-BK	500mm Cover		
ELF3-CB100-BK	1000mm Cover		
ELF3-GB050-BK	500mm Frame		
ELF3-GB100-BK	1000mm Frame		

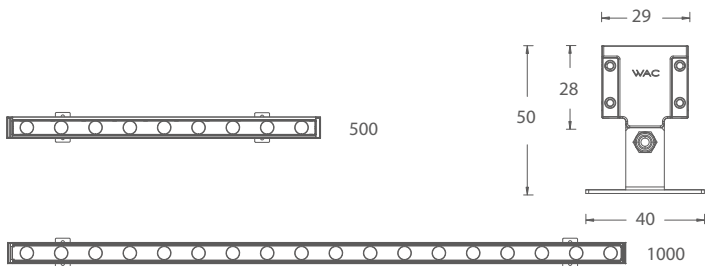
Accessories

ITEM	Description	Picture	Drawing	Qty Suggested
ELC3-PC-CT002F	Female power connector			1pc per 4m
ELC3-PC-CT002M	Male power connector			1pc per 4m
ELC3-SC-CT002F	Female signal connector			1pc per 32m
ELC3-SC-CT002M	Male signal connector			1pc per 32m

System Wiring ON/OFF



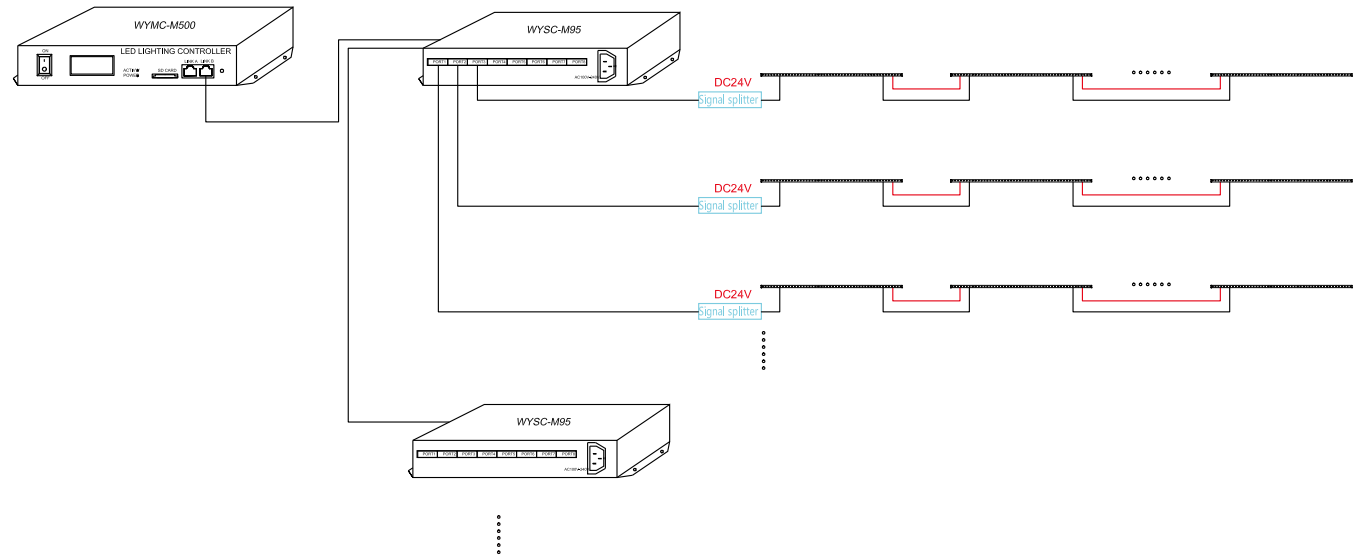
- Minimum IP65 waterproof connector to be used for cable connections
- Each power supply circuit should be limited to not more than 5 luminaires



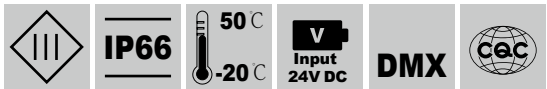
MINI FLOOD III 18W

- Body material: Extruded aluminum profile, PC end cap
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Adjust fixture vertically +/-90°
- LED type: SMD
- LED wattage, CCT, lumen output: 18W 3000K 1908lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 2700K / 3000K / 4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 0.5Kg/500mm, 1.1Kg/1000mm

System Wiring DMX



- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel (mono color),170 pixel (RGB) or 128 pixel (RGBW)



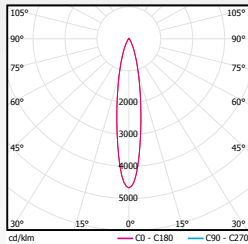
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish	
ELF505	500	09	09(Max)	9	911	ET ON-OFF 24V DC Power Supply	1 15° 2 23° 3 33° 4 41° F 23°x48°	27 2700K 30 3000K 40 4000K	BK Black
						DT 0-10V Dimming 24V DC Power Supply			
ELF510	1000	18	18(Max)	18	1822	MT DMX512 Dimming 24V DC Power Supply			

Example : ELF510-18ET-130BK

ELF510-18ET-130BK

0° Aiming Angle

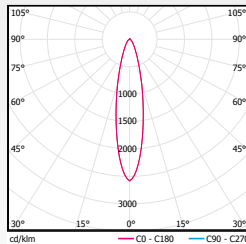
D(m)	LUX	W	L
1	8495	0.3	0.3
2	2124	0.7	0.7
3	944	1.0	1.0
4	531	1.4	1.4



ELF510-18ET-230BK

0° Aiming Angle

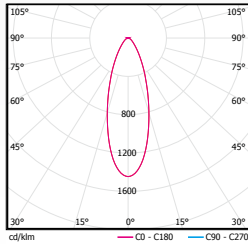
D(m)	LUX	W	L
1	4427	0.5	0.5
2	1107	1.0	1.0
3	492	1.5	1.5
4	277	2.0	2.0



ELF510-18ET-330BK

0° Aiming Angle

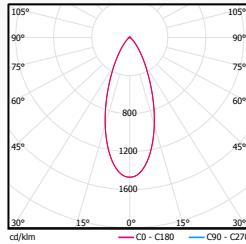
D(m)	LUX	W	L
1	2294	0.7	0.7
2	574	1.5	1.5
3	255	2.2	2.2
4	143	3.0	3.0

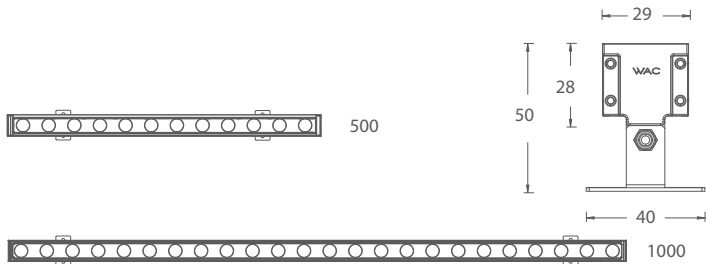


ELF510-18ET-430BK

0° Aiming Angle

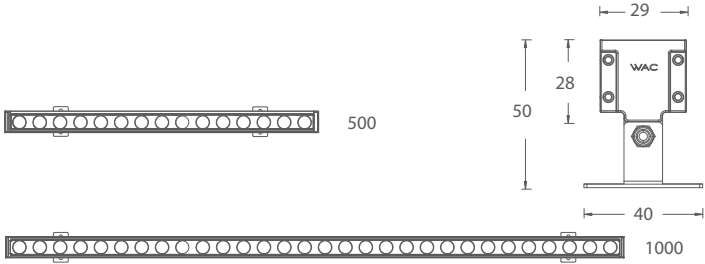
D(m)	LUX	W	L
1	2705	0.8	0.8
2	676	1.6	1.6
3	301	2.4	2.4
4	169	3.2	3.2





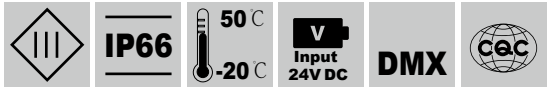
MINI FLOOD III 24W

- Body material: Extruded aluminum profile, PC end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Adjust fixture vertically +/-90°
- LED type: SMD
 - LED wattage, CCT, lumen output: 24W 3000K 2560lm
 - LED lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
 - CCT/CRI: 2700K / 3000K / 4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.6Kg/500mm, 1.2Kg/1000mm



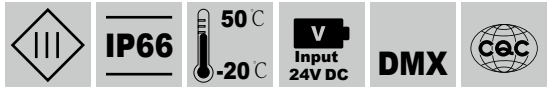
MINI FLOOD III 36W

- Body material: Extruded aluminum profile, PC end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Adjust fixture vertically +/-90°
- LED type: SMD
 - LED wattage, CCT, lumen output: 36W 3000K 3840lm
 - LED lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
 - CCT/CRI: 2700K / 3000K / 4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.7Kg/500mm, 1.3Kg/1000mm



Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish					
ELF505	500	12	12(Max)	12	1167	ET	ON-OFF 24V DC Power Supply	1	15°	27	2700K	BK	Black
						DT	0-10V Dimming 24V DC Power Supply	2	23°				
ELF510	1000	24	24(Max)	24	2334	MT	DMX512 Dimming 24V DC Power Supply	4	41°	40	4000K		
								F	23°x48°				

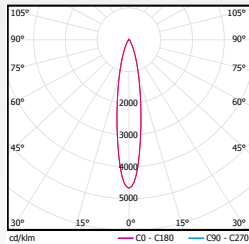
Example : ELF510-24ET-130BK



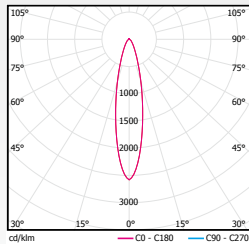
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish									
ELF505	500	18	18(Max)	15	1613	ET	ON-OFF 24V DC Power Supply	1	15°	27	2700K	30	3000K	40	4000K	BK	Black
						DT	0-10V Dimming 24V DC Power Supply	2	23°								
ELF510	1000	36	36(Max)	30	3226	MT	DMX512 Dimming 24V DC Power Supply										

Example : ELF510-36ET-130BK

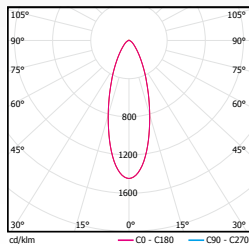
ELF510-24ET-130BK				
0° Aiming Angle				
D(m)	LUX	W	L	
1	10888	0.3	0.3	
2	2722	0.7	0.7	
3	1210	1.0	1.0	
4	681	1.4	1.4	



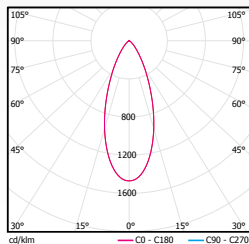
ELF510-24ET-230BK				
0° Aiming Angle				
D(m)	LUX	W	L	
1	5674	0.5	0.5	
2	1419	1.0	1.0	
3	630	1.5	1.5	
4	355	2.0	2.0	



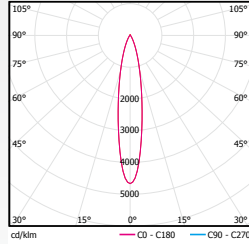
ELF510-24ET-330BK				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2940	0.7	0.7	
2	735	1.5	1.5	
3	327	2.2	2.2	
4	184	3.0	3.0	



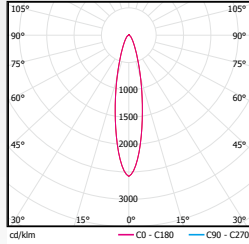
ELF510-24ET-430BK				
0° Aiming Angle				
D(m)	LUX	W	L	
1	3468	0.8	0.8	
2	867	1.6	1.6	
3	385	2.4	2.4	
4	217	3.2	3.2	



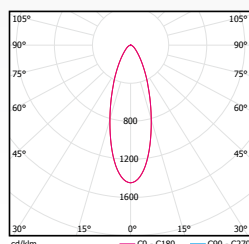
ELF510-36ET-130BK				
0° Aiming Angle				
D(m)	LUX	W	L	
1	15049	0.3	0.3	
2	3762	0.7	0.7	
3	1672	1.0	1.0	
4	941	1.4	1.4	



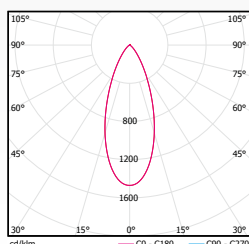
ELF510-36ET-230BK				
0° Aiming Angle				
D(m)	LUX	W	L	
1	7842	0.5	0.5	
2	1961	1.0	1.0	
3	871	1.5	1.5	
4	490	2.0	2.0	



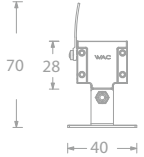
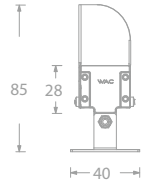
ELF510-36ET-330BK				
0° Aiming Angle				
D(m)	LUX	W	L	
1	4064	0.7	0.7	
2	1016	1.5	1.5	
3	452	2.2	2.2	
4	254	3.0	3.0	



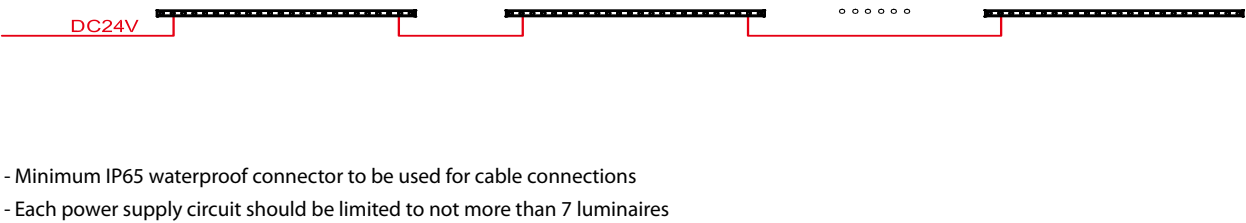
ELF510-36ET-430BK				
0° Aiming Angle				
D(m)	LUX	W	L	
1	4793	0.8	0.8	
2	1198	1.6	1.6	
3	533	2.4	2.4	
4	300	3.2	3.2	



Accessories

ITEM	Description	Picture	Drawing
ELF5-CB050-BK	500mm Cover		
ELF5-CB100-BK	1000mm Cover		
ELF5-GB18050-BK	Grilling 9W 500mm		
ELF5-GB24050-BK	Grilling 12W 500mm		
ELF5-GB36050-BK	Grilling 18W 500mm		
ELF5-GB18100-BK	Grilling 18W 1000mm		
ELF5-GB24100-BK	Grilling 24W 1000mm		
ELF5-GB36100-BK	Grilling 36W 1000mm		

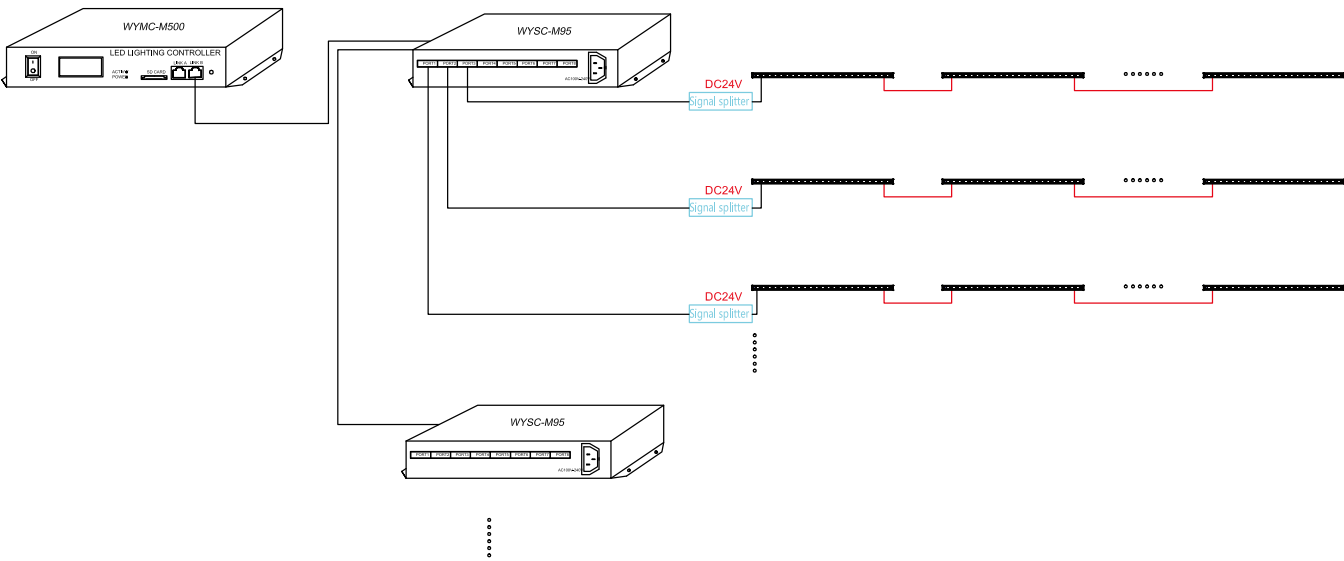
System Wiring ON/OFF



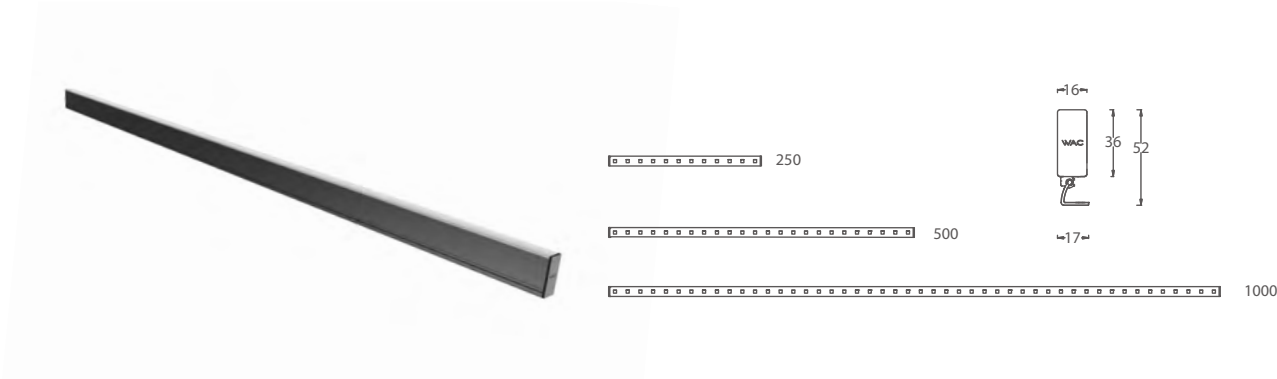
Accessories

ITEM	Description	Picture	Drawing	Qty Suggested
ELF5-PC-CT002F	ET Female connector			1pc per 7m
ELF5-PC-CT002M	ET Male connector			1pc per 7m
ELF5-CC-CT002F	MT Female connector			1pc per 7m
ELF5-CC-CT002M	MT Male sconnector			1pc per 7m

System Wiring DMX

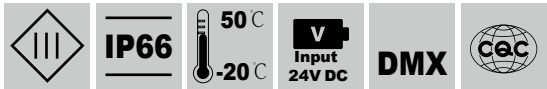


- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel (mono color),170 pixel (RGB) or 128 pixel (RGBW)



ACCENT C1

- Body material: Extruded aluminum profile, PC end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Aluminum bracket
- LED type: SMD
 - LED wattage, CCT, lumen output: 2W 3000K 336lm
5W 3000K 672lm
10W 3000K 1344lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K/RGB/RGBW, Ra80
 - LED color consistency: 3 SDCM(MONO)
 - Net weight: 0.3Kg/250mm, 0.4Kg/500mm, 0.7Kg/1000mm



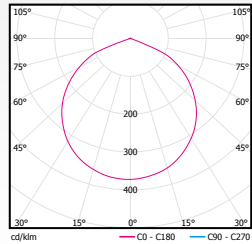
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC103-03	250	3(Max)	12	60	ET ON-OFF 24V DC Power Supply	1 10° F Frosted	0 W/O Phase	27 2700K 30 3000K 40 4000K	BK Black
ELC105-06	500	6(Max)	24	130					
ELC110-12	1000	12(Max)	48	260					

Example : ELC103-03ET-1027BK

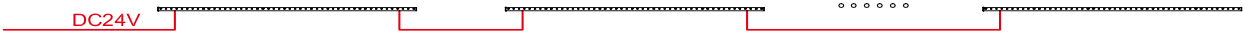
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC103-03	250	3(Max)	12	60	MT DMX512 Dimming 24V DC Power Supply	1 10° F Frosted	1 1Phase 4 4Phase 8 8Phase	27 2700K 30 3000K 40 4000K FC RGB FW RGBW (W3000K)	BK Black
ELC105-06	500	6(Max)	24	130					
ELC110-12	1000	12(Max)	48	260					

Example : ELC103-03MT-1127BK

ELC110-12MT-F830BK Frosted				
0° Aiming Angle				
D(m)	LUX	W	L	
1	136	3.0	3.0	
2	34	5.9	5.9	
3	15	8.9	8.9	
4	9	11.9	11.9	

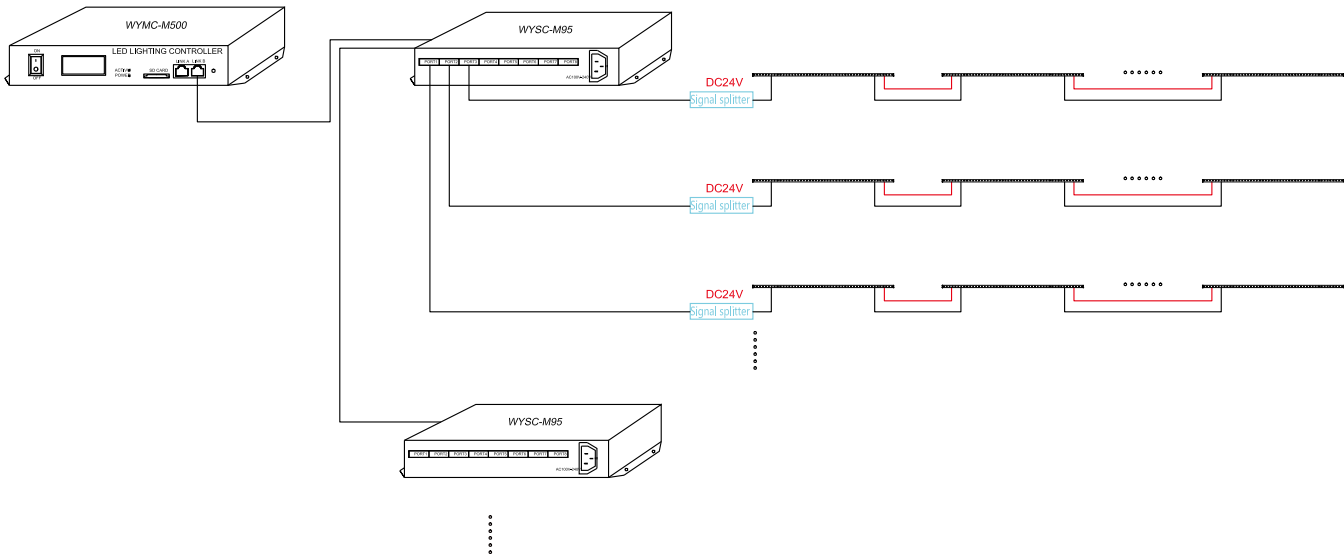


System Wiring ON/OFF

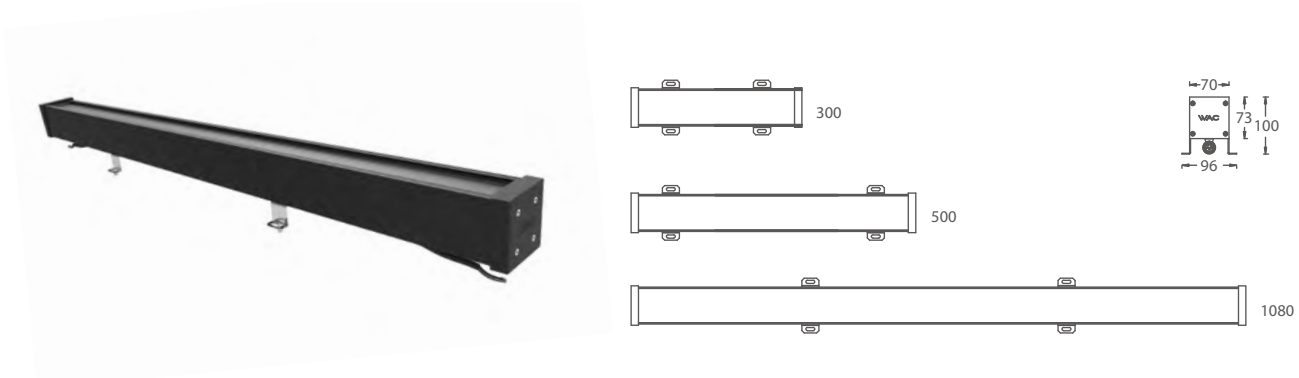


- Minimum IP65 waterproof connector to be used for cable connections
- Each power supply circuit is limited to a set of 8 luminaires

System Wiring DMX

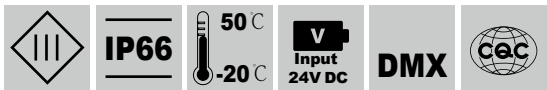


- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel (mono color),170 pixel (RGB) or 128 pixel (RGBW)



ACCENT C2

- Body material: Extruded aluminum profile, die-cast aluminum end cap
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Aluminum bracket
- LED type: SMD
 - LED wattage, CCT, lumen output: 4.3W 3000K 528lm
8.6W 3000K 1056lm
17.3W 3000K 2112lm
 - LED lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K/RGB/RGBW, Ra80
 - LED color consistency: 3 SDCM(MONO)
 - Net weight: 1Kg/300mm, 1.8Kg/500mm, 2.5Kg/1000mm

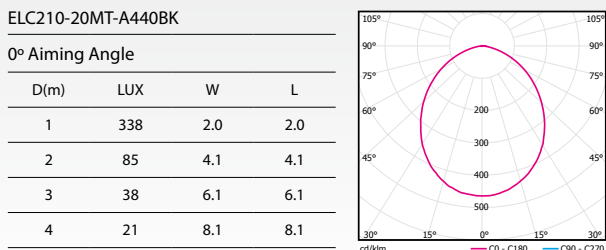


Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC203-06	300	6(Max)	24	217	ET ON-OFF 24V DC Power Supply	A 90°	0 W/O Phase	27 2700K 30 3000K 40 4000K	BK Black
ELC205-10	500	10(Max)	48	363					
ELC210-20	1080	20(Max)	96	726					

Example : ELC203-06ET-A027BK

Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC203-06	300	6(Max)	24	217	MT DMX512 Dimming 24V DC Power Supply	A 90°	1 1Phase 4 4Phase 8 8Phase	27 2700K 30 3000K 40 4000K FC RGB FW RGBW	BK Black
ELC205-10	500	10(Max)	48	363					
ELC210-20	1080	20(Max)	96	726					

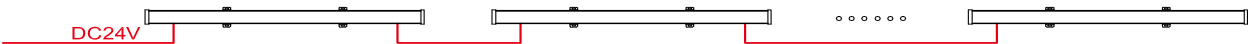
Example : ELC203-06MT-A127BK



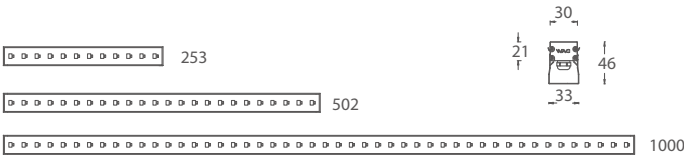
Accessories

ITEM	Description	Picture	Drawing	Qty Suggested
ELC3-PC-CT002F	Female power connector			1pc per 8m
ELC3-PC-CT002M	Male power connector			1pc per 8m
ELC3-SC-CT002F	Female signal connector			1pc per 32m
ELC3-SC-CT002M	Male signal connector			1pc per 32m

System Wiring ON/OFF



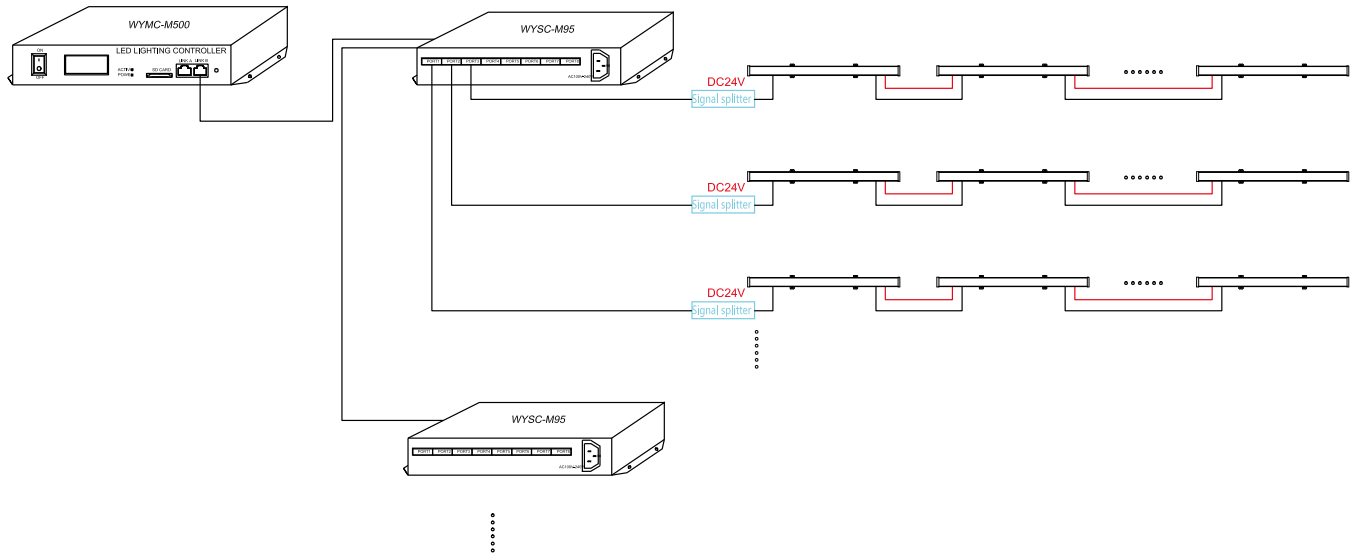
- Minimum IP65 waterproof connector to be used for cable connections
- Each power supply circuit is limited to a set of 8 luminaires



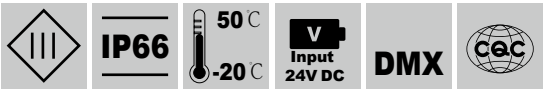
ACCENT C3

- Body material: Extruded aluminum profile, die-cast aluminum end cap
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Aluminum bracket
- LED type: SMD
- LED wattage, CCT, lumen output: 2.4W 3000K 336lm
4.8W 3000K 672lm
9.6W 3000K 1344lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 2700K/3000K/4000K/RGB/RGBW, Ra80
- LED color consistency: 3 SDCM(MONO)
- Net weight: 0.6Kg/253mm, 1Kg/502mm, 1.8Kg/1000mm

System Wiring DMX



- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel (mono color),170 pixel (RGB) or 128 pixel (RGBW)



Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC303-03	253	3(Max)	12	190	ET ON-OFF 24V DC Power Supply	A 120°	0 W/O Phase	27 2700K	BK Black
ELC305-06	502	6(Max)	24	365				30 3000K	
ELC310-12	1000	12(Max)	48	721				40 4000K	

Example : ELC303-03ET-A027BK

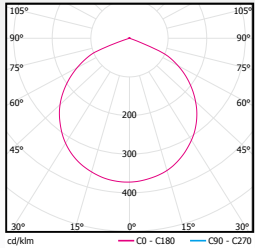
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC303-03	253	3(Max)	12	190	MT DMX512 Dimming 24V DC Power Supply	A 120°	1 1Phase 4 4Phase 8 8Phase	27 2700K	BK Black
ELC305-06	502	6(Max)	24	365				30 3000K	
ELC310-12	1000	12(Max)	48	721				40 4000K	
								FC RGB	
								FW RGBW	

Example : ELC303-03MT-A127BK

ELC310-12MT-A830BK

0° Aiming Angle

D(m)	LUX	W	L
1	136	3.0	3.0
2	34	5.9	5.9
3	15	8.9	8.9
4	9	11.9	11.9



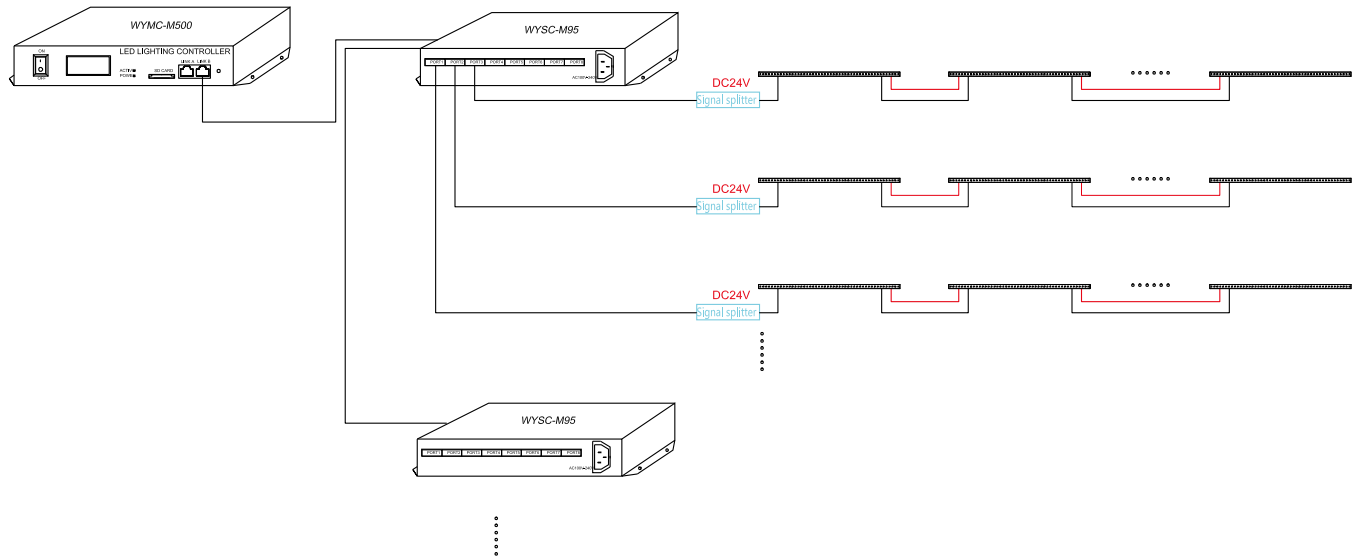
Accessories				
ITEM	Description	Picture	Drawing	Qty Suggested
ELC3-PC-CT002F	Female power connector			1pc per 8m
ELC3-PC-CT002M	Male power connector			1pc per 8m
ELC3-SC-CT002F	Female signal connector			1pc per 32m
ELC3-SC-CT002M	Male signal connector			1pc per 32m

System Wiring ON/OFF

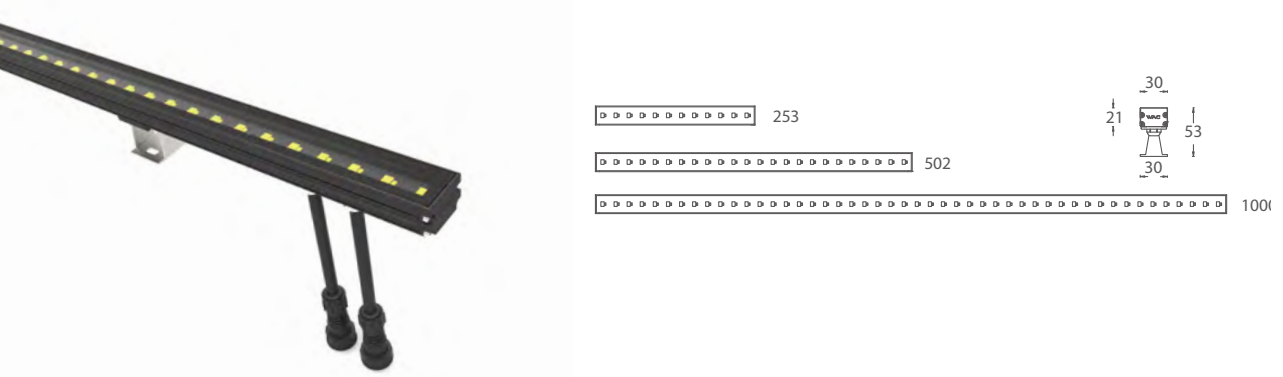


- Minimum IP65 waterproof connector to be used for cable connections
- Each power supply circuit is limited to a set of 8 luminaires

System Wiring DMX

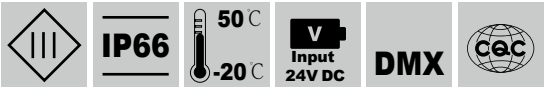


- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel (mono color),170 pixel (RGB) or 128 pixel (RGBW)



ACCENT C4

- Body material: Extruded aluminum profile, die-cast aluminum end cap
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: adjust fixture vertically+/-90° by bracket
- LED type: SMD
 - LED wattage, CCT, lumen output: 2.4W 3000K 336lm
4.8W 3000K 672lm
9.6W 3000K 1344lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K/RGB/RGBW, Ra80
 - LED color consistency: 3 SDCM(MONO)
 - Net weight: 0.6Kg/253mm, 1Kg/502mm, 1.8Kg/1000mm



Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC403-03	253	3(Max)	12	190	ET ON-OFF 24V DC Power Supply	A 120°	0 W/O Phase	27 2700K 30 3000K 40 4000K	BK Black
ELC405-06	502	6(Max)	24	365					
ELC410-12	1000	12(Max)	48	721					

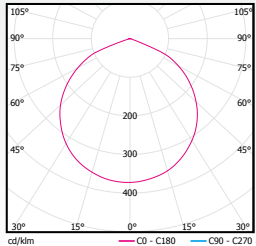
Example : ELC403-03ET-A027BK

Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC403-03	253	3(Max)	12	190	MT DMX512 Dimming 24V DC Power Supply	A 120°	1 1Phase 4 4Phase 8 8Phase	27 2700K 30 3000K 40 4000K FC RGB FW RGBW	BK Black
ELC405-06	502	6(Max)	24	365					
ELC410-12	1000	12(Max)	48	721					

Example : ELC403-03MT-A127BK

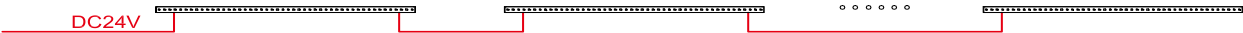
ELC410-12MT-A830BK

0° Aiming Angle			
D(m)	LUX	W	L
1	136	3.0	3.0
2	34	5.9	5.9
3	15	8.9	8.9
4	9	11.9	11.9

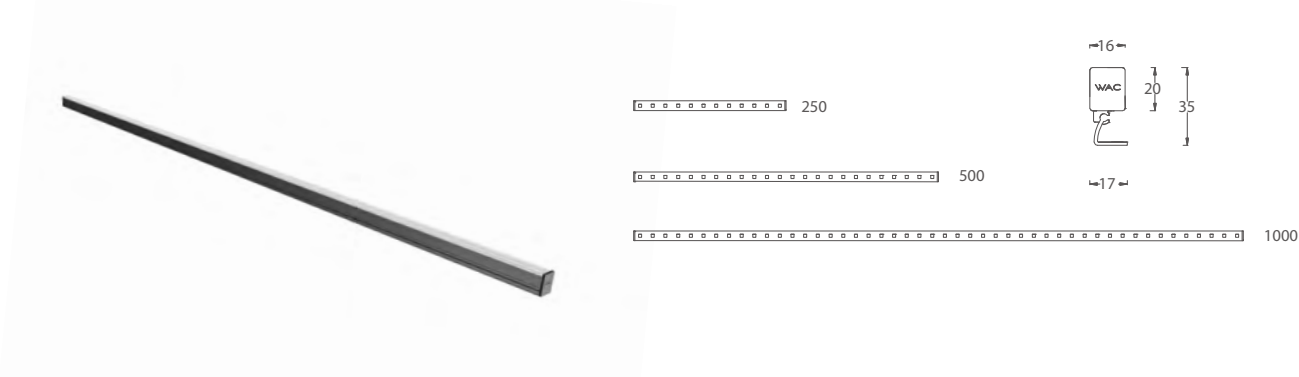


Accessories				
ITEM	Description	Picture	Drawing	Qty Suggested
ELC3-PC-CT002F	Female power connector			1pc per 8m
ELC3-PC-CT002M	Male power connector			1pc per 8m
ELC3-SC-CT002F	Female signal connector			1pc per 32m
ELC3-SC-CT002M	Male signal connector			1pc per 32m

System Wiring ON/OFF



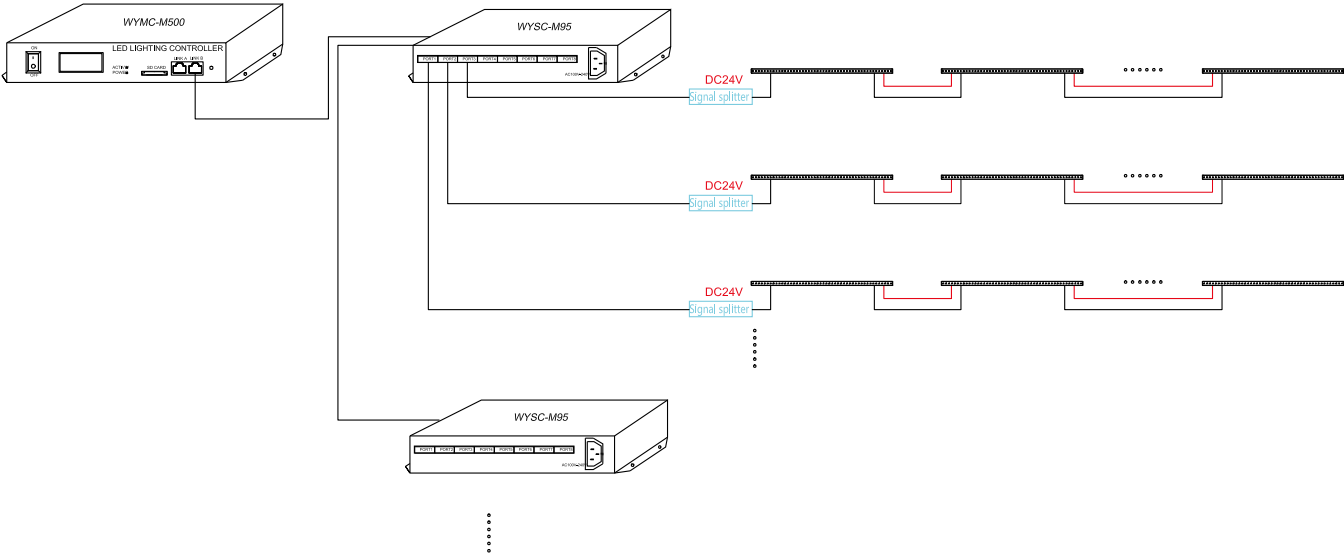
- Minimum IP65 waterproof connector to be used for cable connections
- Each power supply circuit is limited to a set of 8 luminaires



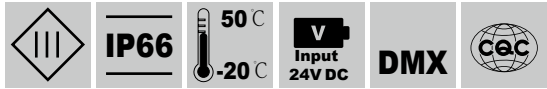
ACCENT C5

- Body material: Extruded aluminum profile, PC end cap
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Aluminum bracket
- LED type: SMD
- LED power: 2W Max/250mm, 5W Max/500mm, 10W Max/1000mm
- LED wattage, CCT, lumen output: 2W 3000K 336lm
5W 3000K 672lm
10W 3000K 1344lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 2700K/3000K/4000K/RGB/RGBW, Ra80
- LED color consistency: 3 SDCM(MONO)
- Net weight: 0.3Kg/250mm, 0.4Kg/500mm, 0.6Kg/1000mm

System Wiring DMX



- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel (mono color),170 pixel (RGB) or 128 pixel (RGBW)



Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC503-03	250	3(Max)	12	60	ET ON-OFF 24V DC Power Supply	A 120°	0 W/O Phase	27 2700K 30 3000K 40 4000K	BK Black
ELC505-06	500	6(Max)	24	130					
ELC510-12	1000	12(Max)	48	260					

Example : ELC503-03ET-A027BK

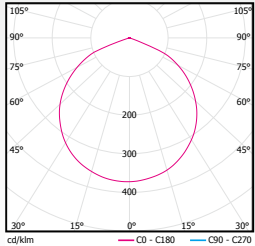
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC503-03	250	3(Max)	12	60	MT DMX512 Dimming 24V DC Power Supply	A 120°	1 1Phase 4 4Phase 8 8Phase	27 2700K 30 3000K 40 4000K FC RGB FW RGBW (W3000K)	BK Black
ELC505-06	500	6(Max)	24	130					
ELC510-12	1000	12(Max)	48	260					

Example : ELC503-03MT-A127BK

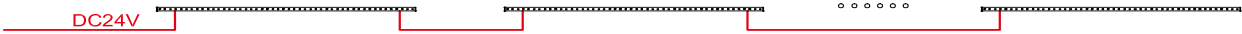
ELC510-12MT-A830BK 120D

0° Aiming Angle

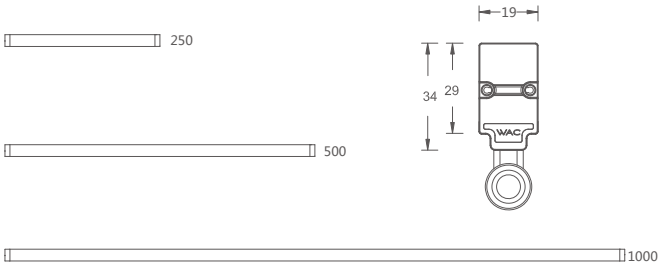
D(m)	LUX	W	L
1	136	3.0	3.0
2	34	5.9	5.9
3	15	8.9	8.9
4	9	11.9	11.9



System Wiring ON/OFF



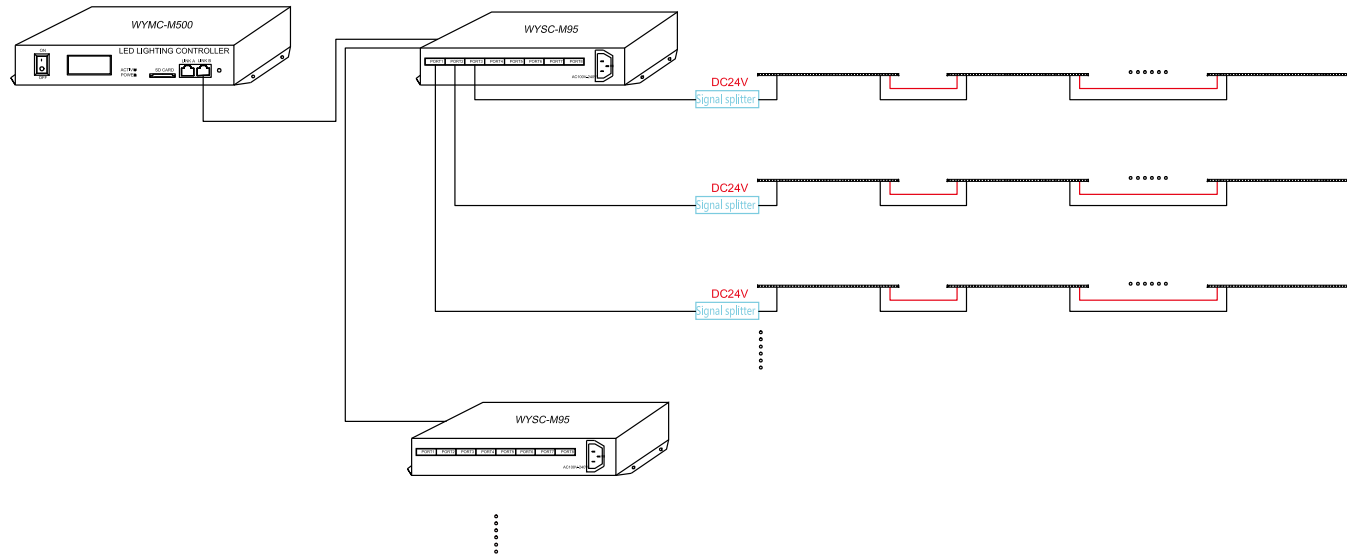
- Minimum IP65 waterproof connector to be used for cable connections
- Each power supply circuit is limited to a set of 8 luminaires



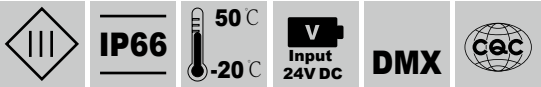
ACCENT C7 Frosted

- Body material: Extruded polymer materials profile end cap
- Optical system: Three side PC diffuser
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Aluminum bracket
- LED type: SMD
- LED power: 3W Max/250mm, 6W Max/500mm, 12W Max/1000mm
- LED wattage, CCT, lumen output: 3W 3000K 270lm
6W 3000K 540lm
12W 3000K 1080m
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 2700K/3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 0.45Kg/250mm, 0.65Kg/500mm, 0.95Kg/1000mm

System Wiring DMX



- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel(mono color),170 pixel(RGB) or 128 pixel(RGBW)

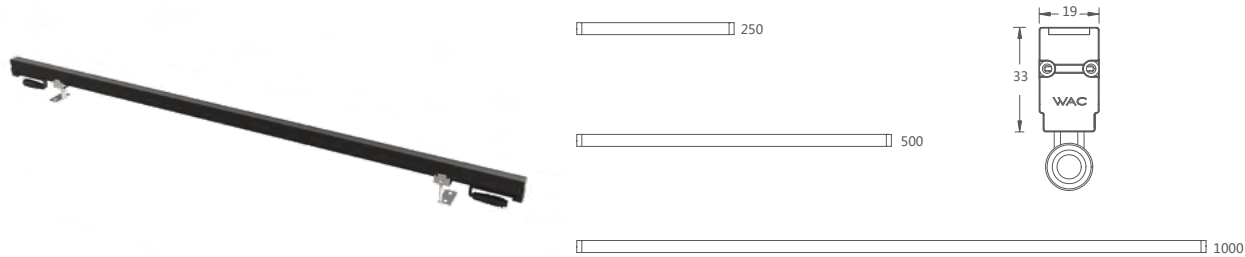


Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC703-03	250	3(Max)	24	177	ET ON-OFF 24V DC Power Supply	P 160°	0 W/O Phase	27 2700K 30 3000K 40 4000K	BK Black
ELC705-06	500	6(Max)	48	354					
ELC710-12	1000	12(Max)	96	709					

Example : ELC710-12ET-P030BK

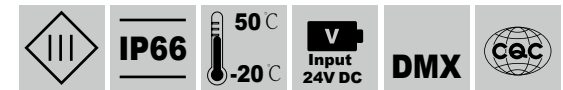
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC703-03	250	3(Max)	24	177	MT DMX512 Dimming 24V DC Power Supply	P 160°	1 1Phase 8 8Phase	27 2700K 30 3000K 40 4000K	BK Black
ELC705-06	500	6(Max)	48	354					
ELC710-12	1000	12(Max)	96	709					

Example : ELC710-12MT-P130BK



ACCENT C7 Optical

- Body material: Extruded polymer materials profile end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Aluminum bracket
- LED type: SMD
 - LED power: 3W Max/250mm, 6W Max/500mm, 12W Max/1000mm
 - LED wattage, CCT, lumen output: 3W 3000K 270lm
6W 3000K 540lm
12W 3000K 1080m
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.45Kg/250mm, 0.65Kg/500mm, 0.95Kg/1000mm



Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC703-03	250	3(Max)	18	180	ET ON-OFF 24V DC Power Supply	1 10° 3 30° 9 90°	0 W/O Phase	27 2700K 30 3000K 40 4000K	BK Black
ELC705-06	500	6(Max)	48	360					
ELC710-12	1000	12(Max)	72	720					

Example : ELC710-12ET-1030BK

Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELC703-03	250	3(Max)	18	180	MT DMX512 Dimming 24V DC Power Supply	1 10° 3 30° 9 90°	1 1Phase 6 6Phase	27 2700K 30 3000K 40 4000K	BK Black
ELC705-06	500	6(Max)	48	360					
ELC710-12	1000	12(Max)	72	720					

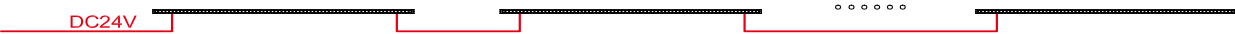
Example : ELC710-12MT-1130BK

Accessories

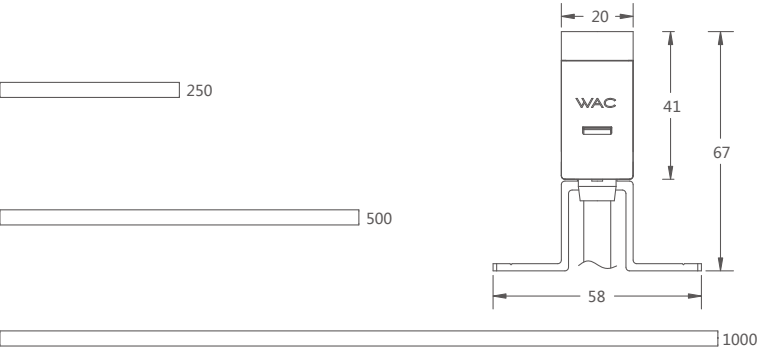
ITEM	Description	Picture	Drawing	Qty Suggested
ELC7-FB001	Fixed Bracket			n+1 (n=Luminare QTY.)
ELC7-AB001	Adjustable Bracket			2n (n=Luminare QTY.)
ELF5-PC-CT002F	ET Female connector			1pc per 14m
ELF5-PC-CT002M	ET Male connector			1pc per 14m
ELF5-CC-CT002F	MT Female connector			1pc per 14m
ELF5-CC-CT002M	MT Male connector			1pc per 14m

Note: n=Number of luminaires

System Wiring ON/OFF



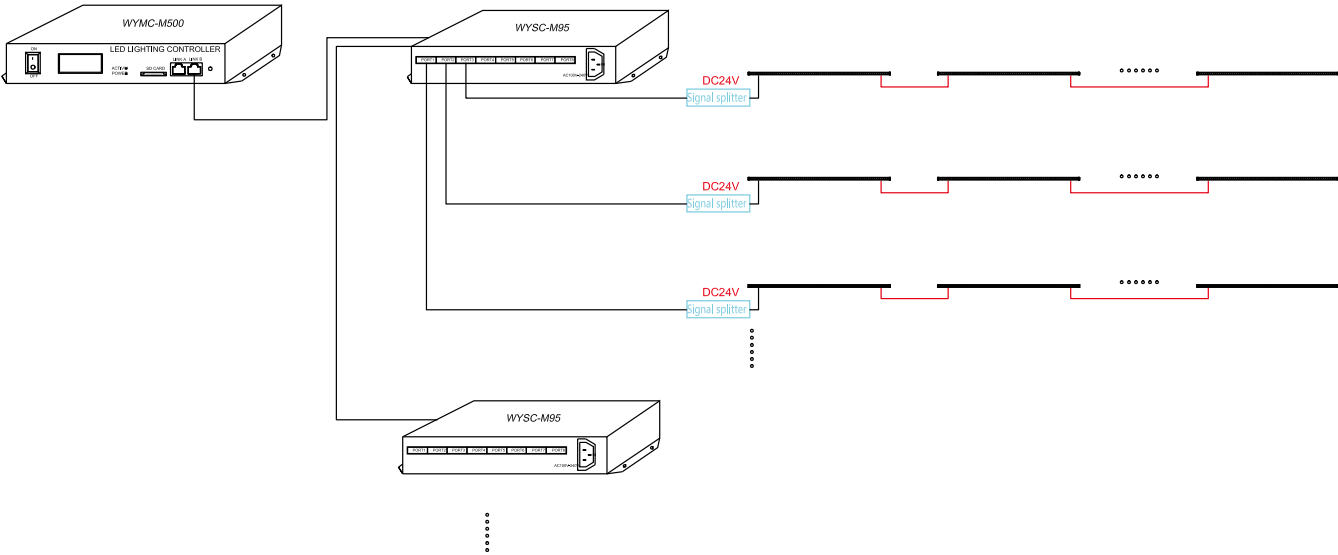
- Minimum IP65 waterproof connector to be used for cable connections
- Each power supply circuit is limited to a set of 8 luminaires



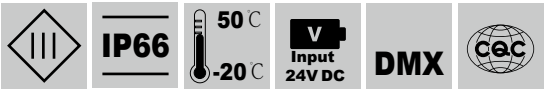
ACCENT D1

- Body material: Extruded aluminum profile, PC end cap
- Optical system: Three side PC diffuser
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Aluminum bracket
- LED type: SMD
- LED power: 12W Max/1000mm
- LED wattage, CCT, lumen output: 12W 3000K 1344lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 2700K/3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 0.6Kg/1000mm

System Wiring DMX



- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel(mono color),170 pixel(RGB) or 128 pixel(RGBW)

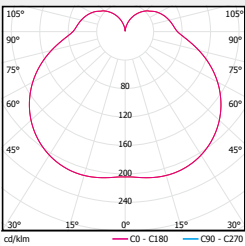


Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELD103-03	250	3(Max)	12	153	ET ON-OFF 24V DC Power Supply	P 160°	0 W/O Phase	27 30 40 2700K 3000K 4000K	BK Black
ELD105-06	500	6(Max)	24	305					
ELD110-12	1000	12(Max)	48	610					

Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
ELD103-03	250	3(Max)	12	153	MT DMX512 Dimming 24V DC Power Supply	P 160°	1 1 Phase 4 4 Phase 8 8 Phase	27 30 40 FC 2700K 3000K 4000K RGB	BK Black
ELD105-06	500	6(Max)	24	305					
ELD110-12	1000	12(Max)	48	610					

Example : ELD110-12MT-P127BK

ELD110-12MT-P127BK			
0° Aiming Angle			
D(m)	LUX	W	L
1	65	4.8	4.8
2	16	9.7	9.7
3	7	14.5	14.5
4	4	19.3	19.3

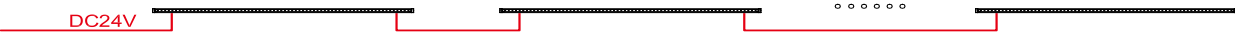


Accessories

ITEM	Description	Picture	Drawing	Qty Suggested
ELD1-PC-CT002F	ET Female connector			1pc per 8m
ELD1-PC-CT002M	ET Male connector			1pc per 8m
ELD1-CC-CT002F	MT Female connector			1pc per 8m
ELD1-CC-CT002M	MT Male connector			1pc per 8m

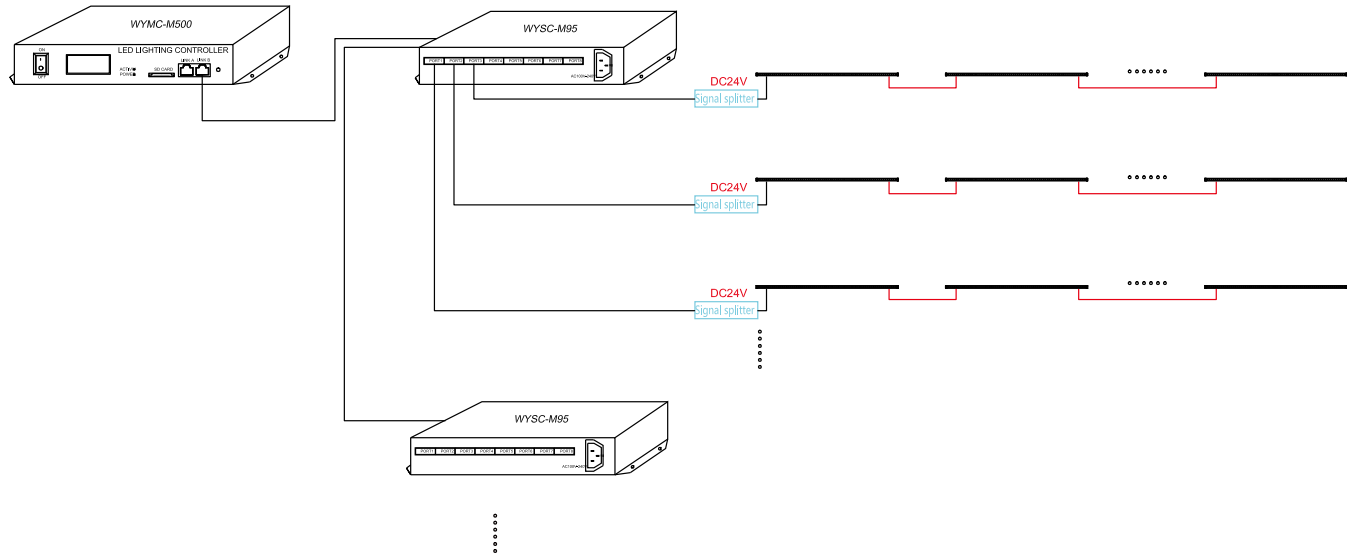
Note: n=Number of luminaires

System Wiring ON/OFF



- Minimum IP65 waterproof connector to be used for cable connections
- Each power supply circuit is limited to a set of 8 luminaires

System Wiring DMX

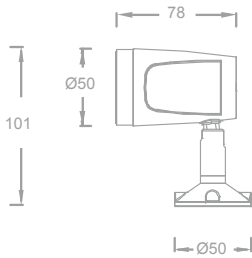


- Diminutive IP65 waterproof junction box is used for cable connections
- Each DMX signal amplifier is limited to 512 pixel(mono color),170 pixel(RGB) or 128 pixel(RGBW)



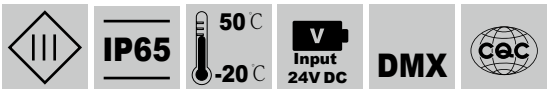
Nantong Grand Theater
Nantong, Jiangsu Province

PANTHER Spot



PANTHER Ø50 24V DC | Single Diode LEDs

- Body material: Die-cast aluminum body
 - Optical system: Lens + W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt°
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 166lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.75Kg



Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP1TI-03	3(Max)	1	159	ET ON-OFF 24V DC Power Supply	S 7°	30 3000K 40 4000K	BK Black
				MT DMX512 Dimming 24V DC Power Supply	1 13°		
					3 30°		
					4 40°		

Example : EP1TI-03ET-S30BK

PANTHER Spot

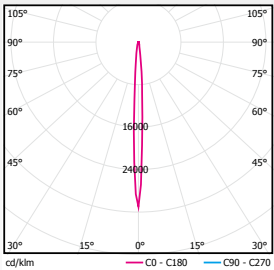
Revealing a low profile design enhanced with extremely high optical performance delivered for a myriad of exterior environments, PANTHER Spots are available in a variety of sizes and use the latest LED proprietary technologies. With an integrated or remote gearbox , the series features an angle adjustment indicator with vertical and horizontal rotation and a locking mechanism that ensures precision aiming.

Sichuan Fine Arts Institute
Chengdu, Sichuan Province

EP1TI-03ET-S40BK

0° Aiming Angle

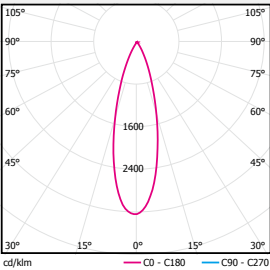
D(m)	LUX	W	L
1	4001	0.28	-
2	1000	0.56	-
3	445	0.84	-
4	250	1.12	-
5	160	1.41	-

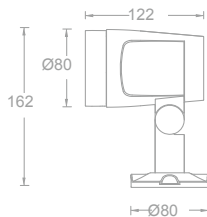


EP1TI-03ET-340BK

0° Aiming Angle

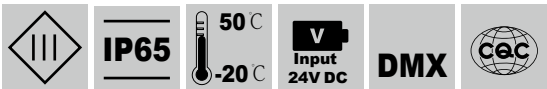
D(m)	LUX	W	L
1	518	0.5	0.5
2	129	1.0	1.0
3	58	1.5	1.5
4	32	2.0	2.0
5	21	2.5	2.5





PANTHER Ø80 24V DC | Single Diode LEDs

- Body material: Die-cast aluminum body
 - Optical system: Lens + W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 483lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K/RGB, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1Kg



Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP1NI-07	7(Max)	3	446	ET ON-OFF 24V DC Power Supply	S 7° 1 13° 3 30° 4 40° J 12°x35°	30 3000K 40 4000K	BK Black

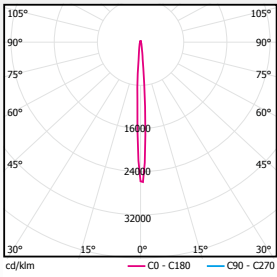
Example : EP1NI-07ET-S30BK

Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP1NI-07	7(Max)	3	446	MT DMX512 Dimming 24V DC Power Supply	S 7° 1 13° 3 30° 4 40° J 12°x35°	30 3000K 40 4000K FC RGB	BK Black

Example : EP1NI-07MT-S30BK

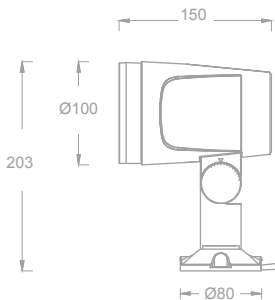
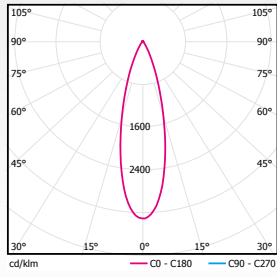
EP1NI-07ET-S40BK

0° Aiming Angle				
D(m)	LUX	W	L	
2	528	0.78	-	
4	132	1.56	-	
6	59	2.33	-	
8	33	3.11	-	
10	21	3.89	-	



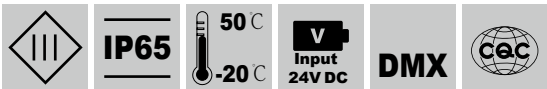
EP1NI-07ET-340BK

0° Aiming Angle				
D(m)	LUX	W	L	
2	374	1.0	1.0	
4	94	2.0	2.0	
6	42	3.0	3.0	
8	23	4.0	4.0	
10	15	5.0	5.0	



PANTHER Ø100 24V DC | Single Diode LEDs

- Body material: Die-cast aluminum body
 - Optical system: Lens + W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 966lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K/RGB, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1.6Kg



Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP1SI-14	14(Max)	6	847	ET ON-OFF 24V DC Power Supply	S 7° 1 13° 3 30° 4 40° J 12°x35°	30 3000K 40 4000K	BK Black

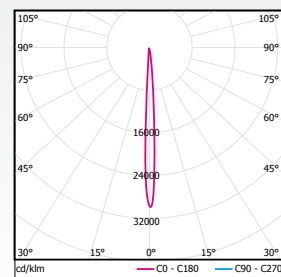
Example : EP1SI-14ET-S30BK

Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP1SI-14	14(Max)	6	847	MT DMX512 Dimming 24V DC Power Supply	S 7° 1 13° 3 30° 4 40° J 12°x35°	30 3000K 40 4000K FC RGB	BK Black

Example : EP1SI-14MT-S30BK

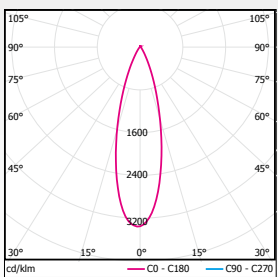
EP1SI-14ET-S40BK

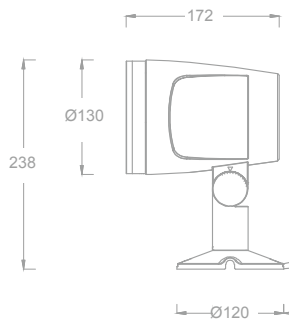
0° Aiming Angle				
D(m)	LUX	W	L	
2	7323	0.24	-	
4	1831	0.48	-	
6	814	0.71	-	
8	458	0.95	-	
10	293	1.19	-	



EP1SI-14ET-340BK

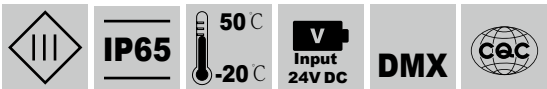
0° Aiming Angle				
D(m)	LUX	W	L	
1	618	1.0	1.0	
2	154	2.0	2.0	
3	69	3.0	3.0	
4	39	4.0	4.0	
5	25	5.0	5.0	





PANTHER Ø130 24V DC | Single Diode LEDs

- Body material: Die-cast aluminum body
 - Optical system: Lens + W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 1449lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K/RGB, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 2.1Kg



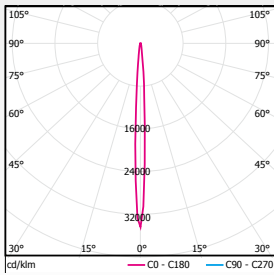
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP1MI-21	21(Max)	9	1328	ET ON-OFF 24V DC Power Supply	S 7° 1 13° 3 30° 4 40° J 12°x35°	30 3000K 40 4000K	BK Black

Example : EP1MI-21ET-S30BK

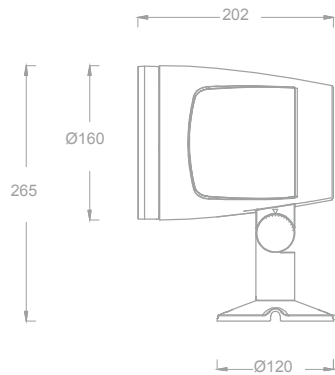
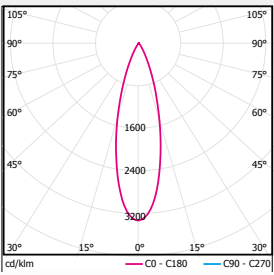
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP1MI-21	21(Max)	9	1328	MT DMX512 Dimming 24V DC Power Supply	S 7° 1 13° 3 30° 4 40° J 12°x35°	30 3000K 40 4000K FC RGB	BK Black

Example : EP1MI-21MT-S30BK

EP1MI-21ET-S40BK				
0° Aiming Angle				
D(m)	LUX	W	L	
2	1292	1.08	-	
4	323	2.16	-	
6	144	3.24	-	
8	81	4.32	-	
10	52	5.40	-	

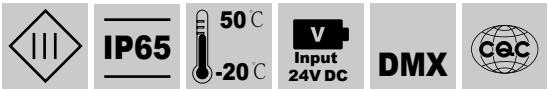


EP1MI-21ET-S40BK				
0° Aiming Angle				
D(m)	LUX	W	L	
2	1081	1.0	1.0	
4	270	2.0	2.0	
6	120	3.0	3.0	
8	68	4.0	4.0	
10	43	5.0	5.0	



PANTHER Ø160 24V DC | Single Diode LEDs

- Body material: Die-cast aluminum body
 - Optical system: Lens + W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 2415lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K/RGB, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 3.1Kg



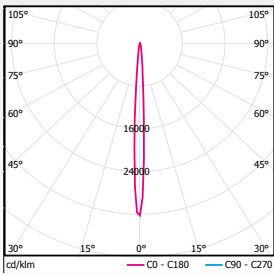
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP1LI-33	33(Max)	15	2253	ET ON-OFF 24V DC Power Supply	S 7° 1 13° 3 30° 4 40° J 12°x35°	30 3000K 40 4000K	BK Black

Example : EP1LI-33ET-S30BK

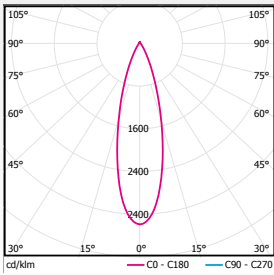
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP1LI-33	33(Max)	15	2253	MT DMX512 Dimming 24V DC Power Supply	S 7° 1 13° 3 30° 4 40° J 12°x35°	30 3000K 40 4000K FC RGB	BK Black

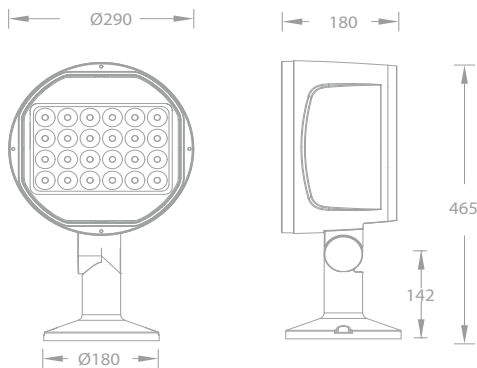
Example : EP1LI-33MT-S30BK

EP1LI-33ET-S40BK				
0° Aiming Angle				
D(m)	LUX	W	L	
2	4433	0.56	-	
4	1108	1.11	-	
6	493	1.67	-	
8	277	2.22	-	
10	177	2.78	-	



EP1LI-33ET-S40BK				
0° Aiming Angle				
D(m)	LUX	W	L	
2	1860	1.0	1.0	
4	465	2.0	2.0	
6	207	3.0	3.0	
8	116	4.0	4.0	
10	74	5.0	5.0	





PANTHER Ø290 220V AC | Single Diode LEDs

- Body material: Die-cast aluminum body and mounting bracket
- Optical system: High efficiency and unique low glare TIR Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: -30° to 90° vertical aiming tilt
- Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: High Power LED
- LED CCT, lumen output: 3000K 5264lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
- CCT/CRI: 2700K/3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 13.8Kg

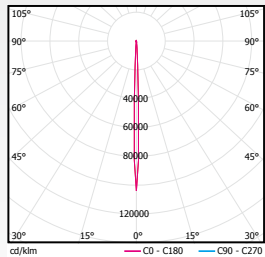


Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP55I-070	70(Max)	24	4381(3000K)	EL ON/OFF 220V AC Power Supply	V 4° S 7° 1 13° 3 30° 4 40° J 12°x35°	27 2700K 30 3000K 40 4000K	BK Black
				ML DMX512 Dimming 220V AC Power Supply			

Example : EP55I-070EL-V30BK

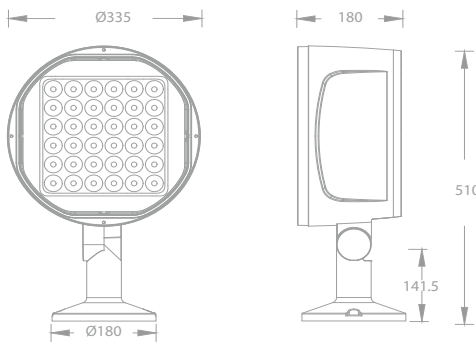
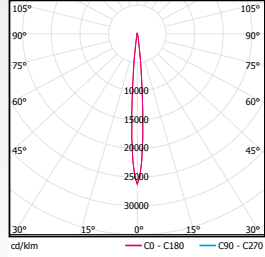
EP55I-070EL-V30BK

0° Aiming Angle			
D(m)	LUX	W	L
1	475220	0.1	0.1
2	118805	0.1	0.1
3	52802	0.2	0.2
4	29701	0.2	0.2



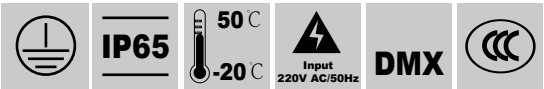
EP55I-070EL-S30BK

0° Aiming Angle			
D(m)	LUX	W	L
1	99453	0.1	0.1
2	24863	0.3	0.3
3	11050	0.4	0.4
4	6216	0.6	0.6



PANTHER Ø335 220V AC | Single Diode LEDs

- Body material: Die-cast aluminum body and mounting bracket
- Optical system: High efficiency and unique low glare TIR Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: -30° to 90° vertical aiming tilt
- Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: High Power LED
- LED CCT, lumen output: 3000K 7897lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
- CCT/CRI: 2700K/3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 16.5Kg

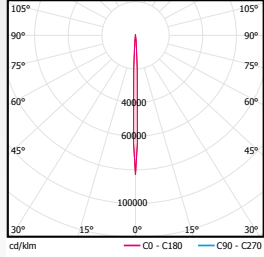


Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP5LI-108	108(Max)	36	6379(3000K)	EL ON/OFF 220V AC Power Supply	V 4° S 7° 1 13° 3 30° 4 40° J 12°x35°	27 2700K 30 3000K 40 4000K	BK Black
				ML DMX512 Dimming 220V AC Power Supply			

Example : EP5LI-108EL-V30BK

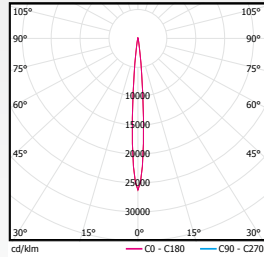
EP5LI-108EL-V30BK

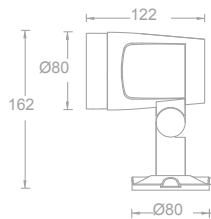
0° Aiming Angle			
D(m)	LUX	W	L
1	529715	0.1	0.1
2	132429	0.1	0.1
3	58857	0.2	0.2
4	33107	0.2	0.2



EP5LI-108EL-S30BK

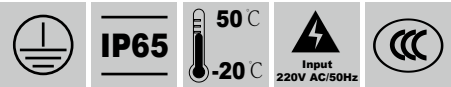
0° Aiming Angle			
D(m)	LUX	W	L
1	138806	0.1	0.1
2	34702	0.3	0.3
3	15423	0.4	0.4
4	8675	0.6	0.6





PANTHER Ø80 220V AC I COB

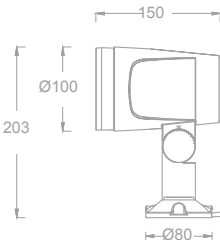
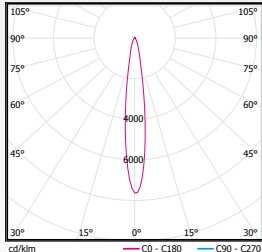
- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: High efficiency and low glare unique TIR Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: COB
 - LED CCT, lumen output: 3000K 982lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1.5Kg



Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP4NI-10	10(Max)	COB	850	EL ON/OFF 220V AC Power Supply	1 15° 2 28° 3 38°	27 2700K 30 3000K 40 4000K	BK Black

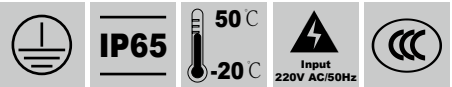
Example : EP4NI-10EL-130BK

EP4NI-10EL-230BK			
0° Aiming Angle			
D(m)	LUX	W	L
1	2489	0.4	0.4
2	622	0.9	0.9
3	277	1.3	1.3
4	156	1.8	1.8



PANTHER Ø100 220V AC I COB

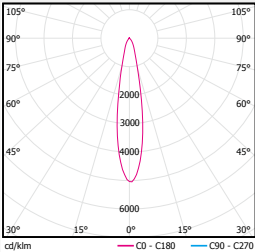
- Body material: Die-cast aluminum body and mounting bracket
 - Optical system:High efficiency and low glare unique TIR Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: COB
 - LED CCT, lumen output: 3000K 2160lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1.5Kg

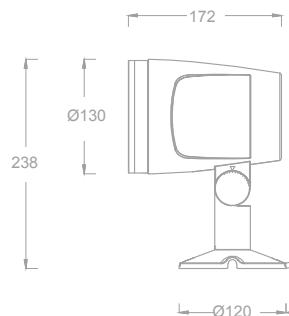


Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP4SI-20	20(Max)	COB	2047	EL ON/OFF 220V AC Power Supply	1 18° 3 30° 4 40°	27 2700K 30 3000K 40 4000K	BK Black

Example : EP4SI-20EL-130BK

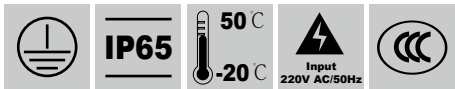
EP4SI-20EL-130BK			
0° Aiming Angle			
D(m)	LUX	W	L
1	2699	0.4	0.4
2	675	0.9	0.9
3	300	1.3	1.3
4	169	1.8	1.8





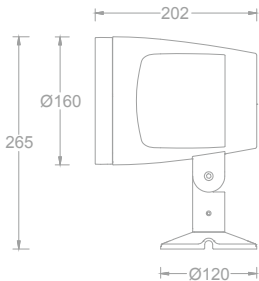
PANTHER Ø130 220V AC | COB

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: High efficiency and low glare unique TIR Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: COB
 - LED CCT, lumen output: 2700K 3168lm
3000K 3300lm
4000K 3432lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: : 2.1Kg



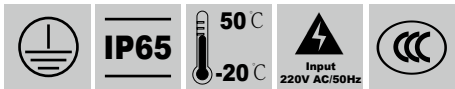
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP4MI-30	30(Max)	COB	2693	EL ON/OFF 220V AC Power Supply	1 19° 2 27° 4 40°	27 2700K 30 3000K 40 4000K	BK Black

Example : EP4MI-30EL-130BK



PANTHER Ø160 220V AC | COB

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: High efficiency and unique low glare TIR Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: COB
 - LED CCT, lumen output: 3000K 6430lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 3.1Kg

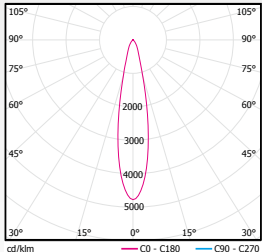


Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP4LI-54	54(Max)	COB	5130	EL ON/OFF 220V AC Power Supply	2 23° 3 33° 4 45°	27 2700K 30 3000K 40 4000K	BK Black

Example : EP4LI-54EL-430BK

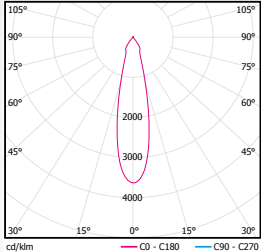
EP4MI-30EL-230BK

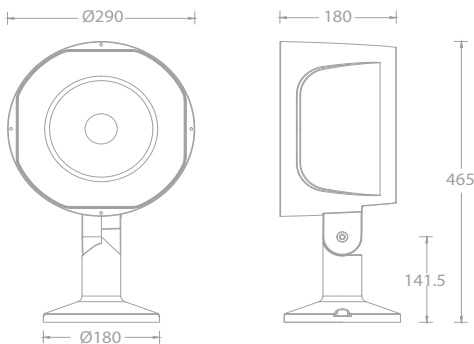
0° Aiming Angle			
D(m)	LUX	W	L
1	12128	0.4	0.4
2	3032	0.8	0.8
3	1348	1.2	1.2
4	758	1.5	1.5



EP4MI-30EL-230BK

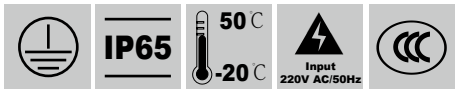
0° Aiming Angle			
D(m)	LUX	W	L
1	22282	0.43	0.43
2	5570	0.86	0.86
3	2476	1.29	1.29
4	1393	1.72	1.72
	891	2.14	2.14





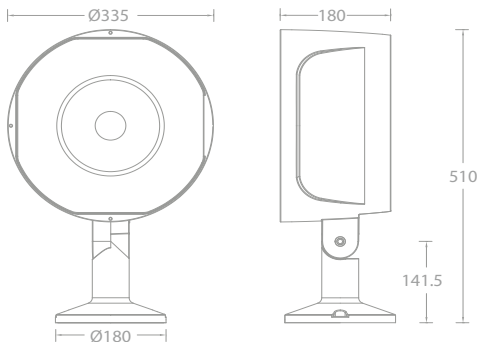
PANTHER Ø290 220V AC I COB

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: High efficiency and unique low glare TIR Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: COB
 - LED CCT, lumen output: 3000K 8588lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 13.1Kg



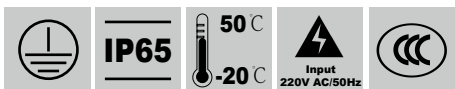
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP6SI-070	70(Max)	COB	7669(3000K)	EL ON/OFF 220V AC Power Supply	2 23° 3 33° 4 45° 8 80°	27 2700K 30 3000K 40 4000K	BK Black

Example : EP6SI-070EL-830BK



PANTHER Ø335 220V AC I COB

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: High efficiency and unique low glare TIR Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: COB
 - LED CCT, lumen output: 3000K 11700lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 15.6Kg



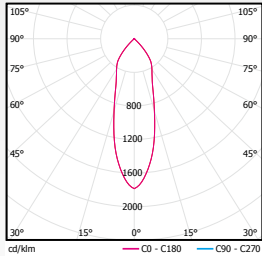
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP6LI-108	108(Max)	COB	10455(3000K)	EL ON/OFF 220V AC Power Supply	2 23° 3 33° 4 45° 8 80°	27 2700K 30 3000K 40 4000K	BK Black

Example : EP6LI-108EL-830BK

EP6SI-070EL-330BK

0° Aiming Angle

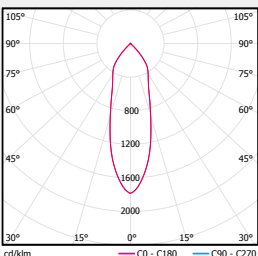
D(m)	LUX	W	L
1	13844	0.6	0.6
2	3461	1.2	1.2
3	1538	1.8	1.8
4	865	2.3	2.3

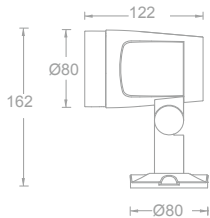


EP6LI-108EL-330BK

0° Aiming Angle

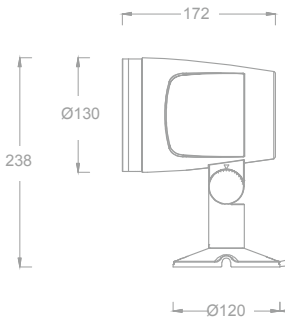
D(m)	LUX	W	L
1	18408	0.6	0.6
2	4602	1.2	1.2
3	2045	1.8	1.8
4	1151	2.3	2.3





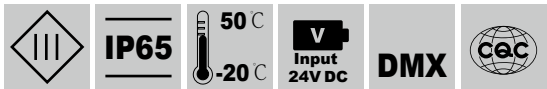
PANTHER Ø80 24V DC RGBW

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: PMMA Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, Pole support and spike, etc.
- LED type: High Power LED
 - LED CCT, lumen output: 385lm/7W(RGBW 3000K)
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: RGBW, Ra80
 - LED color consistency: 5 SDCM
 - Net weight: 1.5Kg



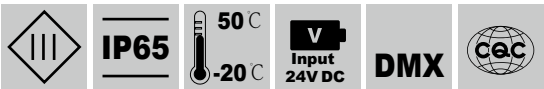
PANTHER Ø130 24V DC RGBW

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: PMMA Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: High Power LED
 - LED CCT, lumen output: 1100lm/20W (RGBW 3000K)
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: RGBW, Ra80
 - LED color consistency: 5 SDCM
 - Net weight: 2.1Kg



Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP3NI-07	7(Max)	1	244	MT DMX512 Dimming 24V DC Power Supply	1 16° 2 25° 3 35°	F30 RGBW(3000K) F40 RGBW(4000K) F60 RGBW(6000K)	BK Black

Example : EP3NI-07MT-1F30BK



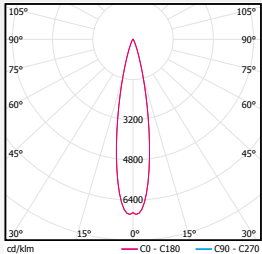
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP3MI-20	20(Max)	3	743	MT DMX512 Dimming 24V DC Power Supply	1 16° 2 25° 3 35°	F30 RGBW(3000K) F40 RGBW(4000K) F60 RGBW(6000K)	BK Black

Example : EP3MI-20MT-1F30BK

EP3NI-07MT-1F30BK

0° Aiming Angle

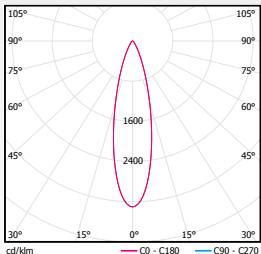
D(m)	LUX	W	L
1	1715	0.3	0.3
2	429	0.7	0.7
3	191	1.0	1.0
4	107	1.3	1.3

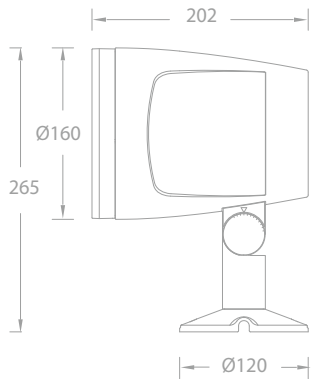


EP3MI-20MT-2F30BK

0° Aiming Angle

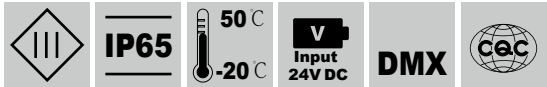
D(m)	LUX	W	L
1	2454	0.5	0.5
2	614	0.9	0.9
3	273	1.4	1.4
4	153	1.9	1.9





PANTHER Ø160 24V DC RGBW

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: PMMA Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: High Power LED
 - LED CCT, lumen output: 2200lm/40W (RGBW 3000K)
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: RGBW, Ra80
 - LED color consistency: 5 SDCM
 - Net weight: 3.1Kg

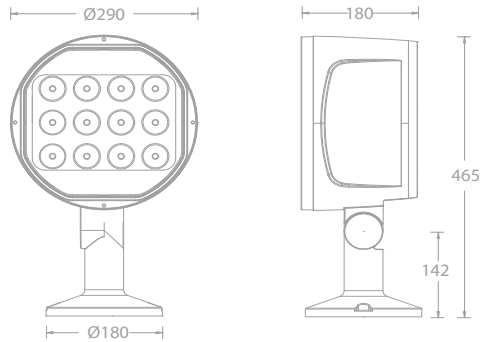
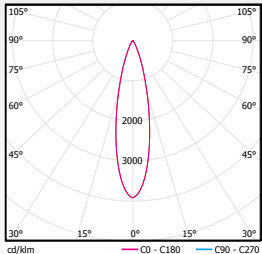


Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP3LI-40	40(Max)	6	1566	MT DMX512 Dimming 24V DC Power Supply	1 16° 2 25° 3 35°	F30 RGBW(3000K) F40 RGBW(4000K) F60 RGBW(6000K)	BK Black

Example : EP3LI-40MT-1F30BK

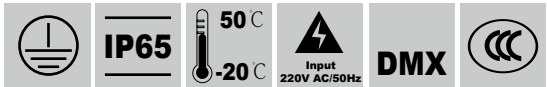
EP3LI-40MT-2F30BK

0° Aiming Angle			
D(m)	LUX	W	L
1	4971	0.5	0.5
2	1243	0.9	0.9
3	552	1.4	1.4
4	311	1.9	1.9



PANTHER Ø290 220V AC I RGBW

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: High efficiency and unique low glare TIR Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 3926lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 5 SDCM
 - Net weight: 14.2Kg

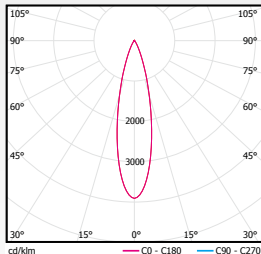


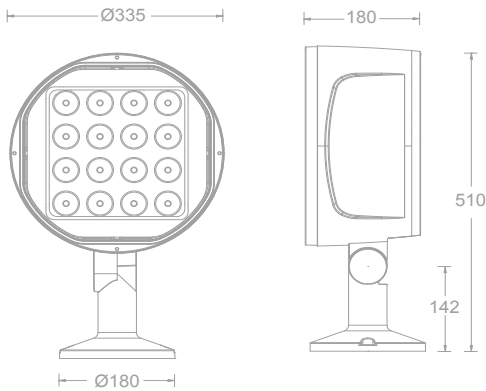
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP7SI-070	70(Max)	12	2808(RGBW3000K)	ML DMX512 Dimming 220V AC Power Supply	1 16° 2 25° 3 35°	F30 RGBW(3000K) F40 RGBW(4000K) F60 RGBW(6000K)	BK Black

Example : EP7SI-070ML-1F30BK

EP7SI-070ML-2F30BK

0° Aiming Angle			
D(m)	LUX	W	L
1	8700	0.5	0.5
2	2175	0.9	0.9
3	967	1.4	1.4
4	544	1.9	1.9





PANTHER Ø335 220V AC I RGBW

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: High efficiency and unique low glare TIR Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Glare shield, elongated beam lens, pole support and spike, etc.
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 5742lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 5 SDCM
 - Net weight: 16.9Kg

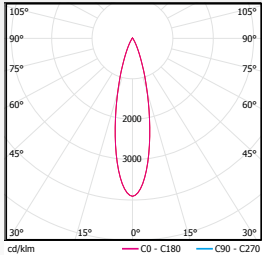


Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP7LI-108	108(Max)	16	5472(RGBW3000K)	ML DMX512 Dimming 220V AC Power Supply	1 16° 2 25° 3 35°	F30 RGBW(3000K) F40 RGBW(4000K) F60 RGBW(6000K)	BK Black

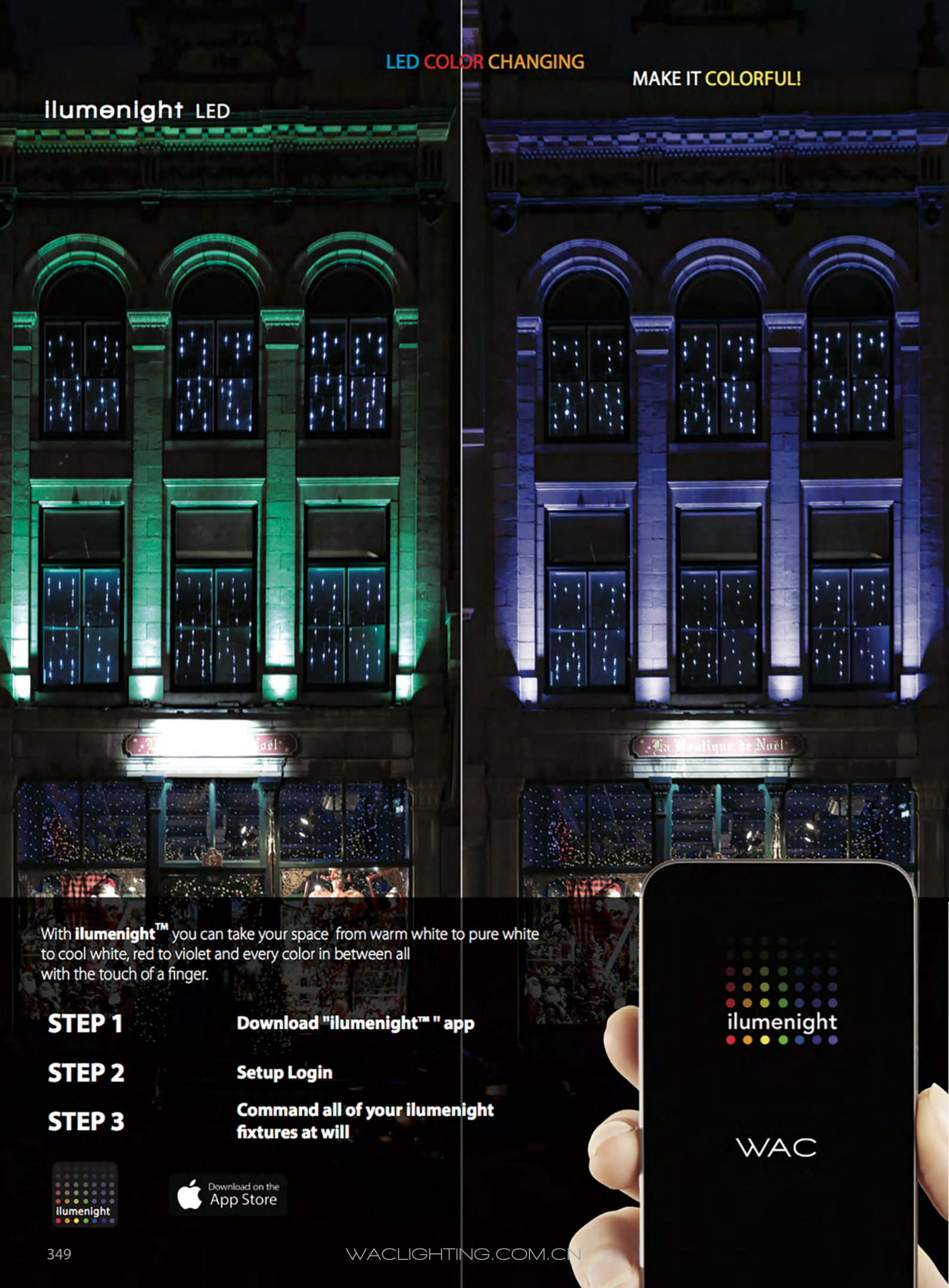
Example : EP7LI-108ML-1F30BK

EP7LI-108ML-2F30BK

0° Aiming Angle			
D(m)	LUX	W	L
1	13422	0.5	0.5
2	3356	0.9	0.9
3	1491	1.4	1.4
4	839	1.9	1.9



Accessories									
Item	Code	Picture	Ø50	Ø80	Ø100	Ø130	Ø160	Ø290	Ø335
Wall Washer Shield	WW1		EP1TI-WW1-BK	EP1NL-WW1-BK	EP1SL-WW1-BK	EP1ML-WW1-BK	EP1LL-WW1-BK	EP5SI-WW1-BK	EP5LI-WW1-BK
Wall Washer Visor/ Straight cylinder	WW2							EP5SI-WW2-BK	EP5LI-WW2-BK
Wall Washer Visor	WW3							EP5SI-WW3-BK	EP5LI-WW3-BK
Elongated Beam Lens/ horizontal Direction	BEL1			EP1NL-BEL1-BK	EP1SL-BEL1-BK	EP1ML-BEL1-BK	EP1LL-BEL1-BK		
Elongated Beam Lens/ Vertical Direction	BEL2			EP1NL-BEL2-BK	EP1SL-BEL2-BK	EP1ML-BEL2-BK	EP1LL-BEL2-BK		
Pole Support	SPL		EP1TI-SPL-BK	EP1SL-SPL-BK			EP1LL-SPL-BK		
Support for Pole	SPL							EP5SI-SPL-BK	EP5LI-SPL-BK
Stainless steel plate with Spike (square base)	SPK			EP1NL-SPK-BK	EP1SL-SPK-BK		EP1LL-SPK-BK		
Stainless steel plate with Spike (round base)	SPK		EP1TI-SPK-BK	EP1NI-SPK-BK		EP1SL-SPK-BK			

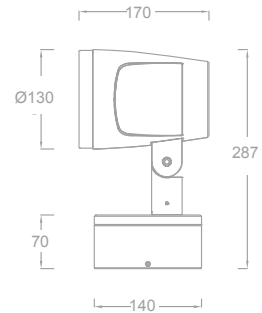


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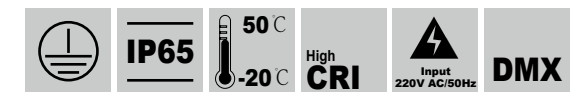


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PANTHER Ø130 220V AC | COB COLOR CHANGING

- Body material: Die-cast aluminum body with stainless steel mounting bracket
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-330° horizontal rotation and -30° to 90° vertical aiming tilt
- Accessories/Brackets: Glare shield, Elongated Beam Lens, pole support and spike, etc.
- LED type: COB
- LED CCT, lumen output: 3000K 2100lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
- CCT/CRI: From 1650K to 8000K, 3000K 90/8000K Ra80
- LED color consistency: 3 SDCM
- Net weight: 3.1Kg



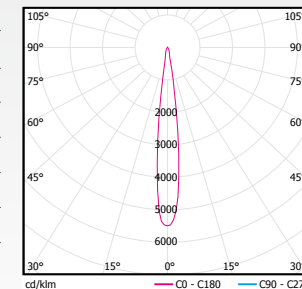
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP1ML-25	25(Max)	COB	656	ML DMX512 Dimming 220V AC Power Supply	1 15° 2 25° 4 40°	CC Color Changing	BK Black

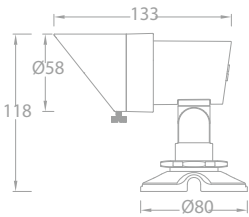
Example : EP1ML-25ML-1CCBK

EP1ML-25ML-1CCBK

0° Aiming Angle

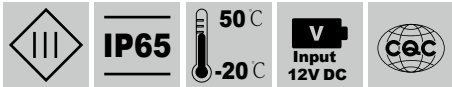
D(m)	LUX	W	L
1	4058	0.2	0.2
2	1015	0.4	0.4
3	451	0.7	0.7
4	254	0.9	0.9





PANTHER Ø58 ACCENT 12V DC

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-360° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Spike
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 440lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K , Ra85
 - LED color consistency: 3 SDCM
 - Net weight: 0.6Kg

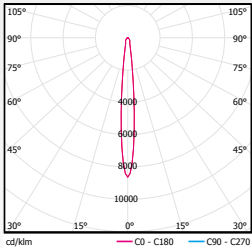


Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP2NI-07	7(Max)	1	354	ET ON-OFF 12V DC Power Supply	F Adjustable Beam Angle 10°-50°	27 30 40 2700K 3000K 4000K	BK BZ Black Bronze

Example : EP2NI-07ET-F30BK

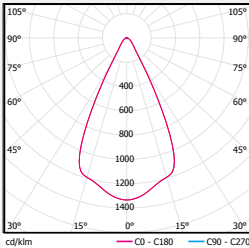
EP2NI-07ET-F30BZ 10D

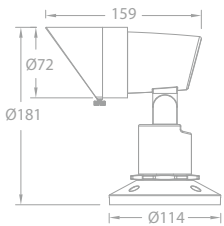
0° Aiming Angle			
1	1705	0.2	0.2
2	426	0.4	0.4
3	189	0.5	0.5
4	107	0.7	0.7



EP2NI-07ET-F30BZ 50D

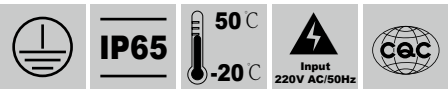
0° Aiming Angle			
1	478	1.0	1.0
2	119	2.0	2.0
3	53	2.9	2.9
4	30	3.9	3.9





PANTHER Ø72 ACCENT 220V AC

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-360° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Spike
- LED type: COB
 - LED CCT, lumen output: 3000K 1150lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra85
 - LED color consistency: 3 SDCM
 - Net weight: 1.1Kg

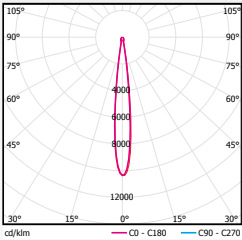


Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP2SI-15	15(Max)	COB	890	EL ON-OFF 220V AC Power Supply	F Adjustable Beam Angle 15°-60°	27 2700K 30 3000K 40 4000K	BK Black BZ Bronze

Example : EP2SI-15EL-F30BK

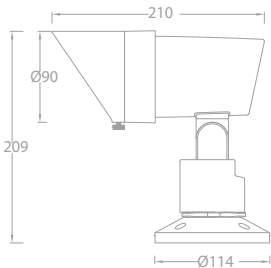
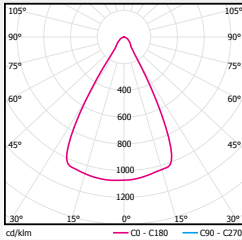
EP2SI-15EL-F30BK 15D

0° Aiming Angle			
D(M)	LUX	W	L
1	4638	0.2	0.2
2	1160	0.4	0.4
3	515	0.6	0.6
4	290	0.8	0.8



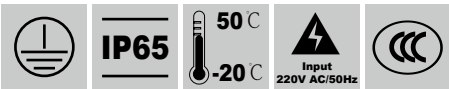
EP2SI-15EL-F30BK 60D

0° Aiming Angle			
D(M)	LUX	W	L
1	783	1.1	1.1
2	196	2.2	2.2
3	87	3.4	3.4
4	49	4.5	4.5



PANTHER Ø90 ACCENT 220V AC

- Body material: Die-cast aluminum body and mounting bracket
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-360° horizontal rotation and -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Spike
- LED type: COB
 - LED CCT, lumen output: 3000K 3000lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra85
 - LED color consistency: 3 SDCM
 - Net weight: 1.8Kg

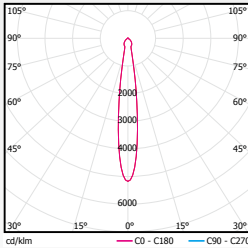


Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP2MI-33	33(Max)	COB	2089	EL ON-OFF 220V AC Power Supply	F Adjustable Beam Angle 15°-60°	27 2700K 30 3000K 40 4000K	BK Black BZ Bronze

Example : EP2MI-33EL-F30BK

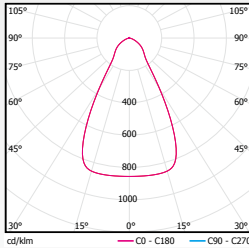
EP2MI-33EL-F30BK 15D

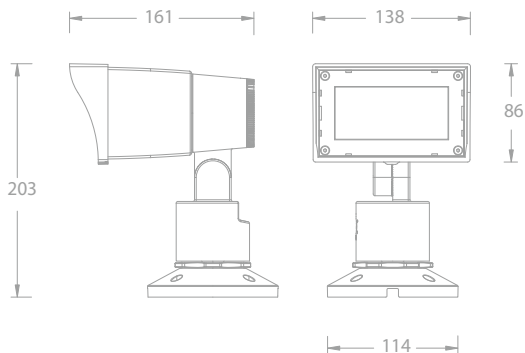
0° Aiming Angle			
1	7784	0.3	0.3
2	1946	0.5	0.5
3	865	0.8	0.8
4	487	1.0	1.0



EP2MI-33EL-F30BK 60D

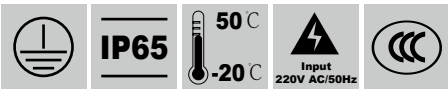
0° Aiming Angle			
1	1762	1.1	1.1
2	441	2.3	2.3
3	196	3.4	3.4
4	110	4.5	4.5





PANTHER ADJUSTABLE WASH

- Body material: Die-cast aluminum body and mounting bracket
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-360° horizontal rotation and -30° to 90° vertical aiming tilt
- Accessories/Brackets: Spike,Vertical hood
- LED type: SMD
- LED CCT, lumen output: 3000K 2310lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
- CCT/CRI: 2700K/3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 2.0Kg



Model	Power (W)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EP8MI-25	25(Max)	1697	EL ON-OFF 220V AC Power Supply	F Adjustable Beam Angle	27 2700K 30 3000K 40 4000K	BK Black BZ Bronze

Example : EP8MI-25EL-F27BK



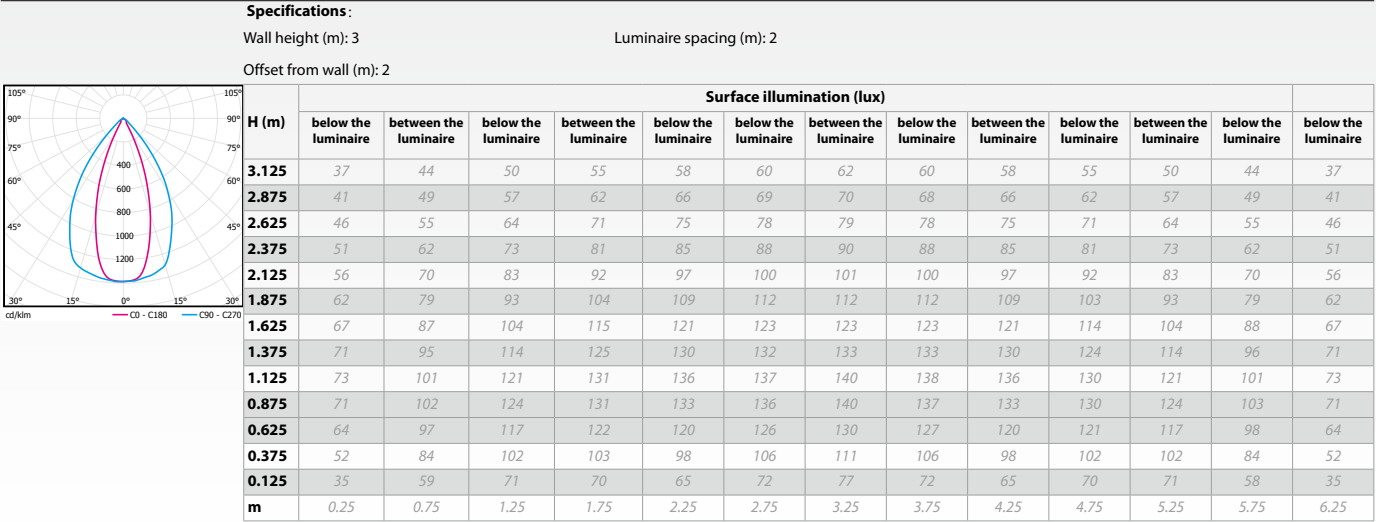
Continuously Adjustable Beam Angles
(See Specifications for details)

Continuously Adjustable Brightness Control
(See Specifications for details)

Lenses & Accessories

Item	Code	Picture	Ø58	Ø72	Ø90	ADJUSTABLE WASH
Stainless steel plate with Spike	SPK		EP1NI-SPK-BK	EP1SL-SPK-BK		

Simulated data (EP8MI-25EL-30FBK)



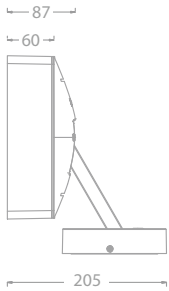
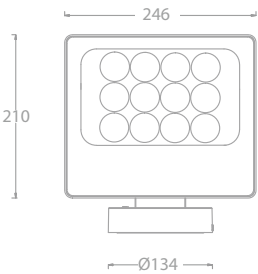
SHINE PRO



SHINE Pro

IP65 rated to protect ingress of dust and powerful water jets in exterior environments, SHINE Pro delivers high lumens to highlight buildings, facades, bridges and other large structures. Crafted with die-cast aluminum housings and tempered glass lenses, SHINE Pro offers a variety of changeable color temperatures and color systems. Custom optics and accessories are available.

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SMALL SHINE Pro Spot

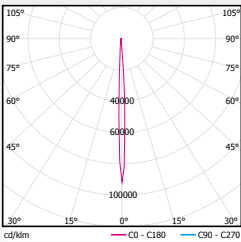
- Body material: Die-cast aluminum body and base, stainless steel mounting plate
- Optical system: Lens+W-Module
- Finish: Environmentally safe powder coat
- Adjustable angle: 0°-330° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Spike
- LED type: High Power LED
- LED CCT, lumen output: 3000K 3080lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
- CCT/CRI: 2700K/3000K/4000K/RGB/RGBW, Ra80
- LED color consistency: 3 SDCM(MONO)
- Net weight: 5.8Kg

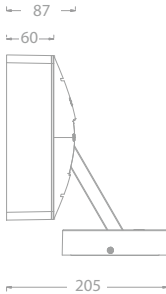
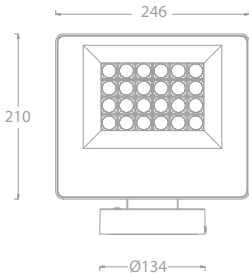


Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EF1S12-028	28(Max)	12	2016	EL	V 4°	27	BK Black
						30	
						40	
						FC	
						FW	
				ON-OFF 220V AC Power Supply		2700K	
				DMX512 Dimming 220V AC Power Supply		3000K	
						4000K	
						RGB	
						RGBW	

Example :EF1S12-028EL-V40BK

EF1S12-028EL-V40BK			
0° Aiming Angle			
D(M)	LUX	W	L
1	188551	0.1	0.1
2	47138	0.2	0.2
3	20950	0.2	0.2
4	11784	0.3	0.3





SMALL SHINE Pro Flood

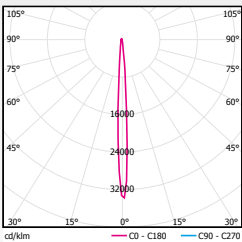
- Body material: Die-cast aluminum body and base, stainless steel mounting plate
 - Optical system: Lens+W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and 0°-90° vertical aiming tilt
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 5060lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K/RGB/RGBW, Ra80
 - LED color consistency: 3 SDCM(MONO)
 - Net weight: 5.8Kg



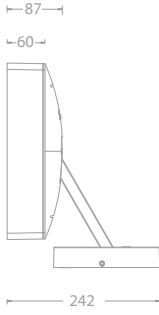
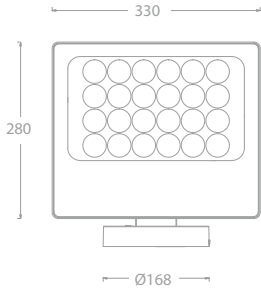
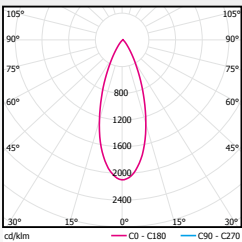
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EF1S24-056	56(Max)	24	3007	EL ON-OFF 220V AC Power Supply	S 7° 1 13° 3 30°	27 2700K 30 3000K 40 4000K	BK Black
				ML DMX512 Dimming 220V AC Power Supply	4 40° J 12°x35°	FC RGB FW RGBW	

Example :EF1S24-056EL-S40BK

EF1S24-056EL-S30BK			
0° Aiming Angle			
D(M)	LUX	W	L
1	113294	0.1	0.1
2	28324	0.2	0.2
3	12588	0.3	0.3
4	7081	0.4	0.4



EF1S24-056EL-430BK			
0° Aiming Angle			
D(M)	LUX	W	L
1	6695	0.7	0.7
2	1674	1.4	1.4
3	744	2.0	2.0
4	418	2.7	2.7



LARGE SHINE Pro Spot

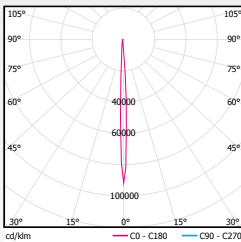
- Body material: Die-cast aluminum body and base, stainless steel mounting plate
 - Optical system: Lens+W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and 0°-90° vertical aiming tilt
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 6160lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K/RGB/RGBW, Ra80
 - LED color consistency: 3 SDCM(MONO)
 - Net weight: 9.6Kg

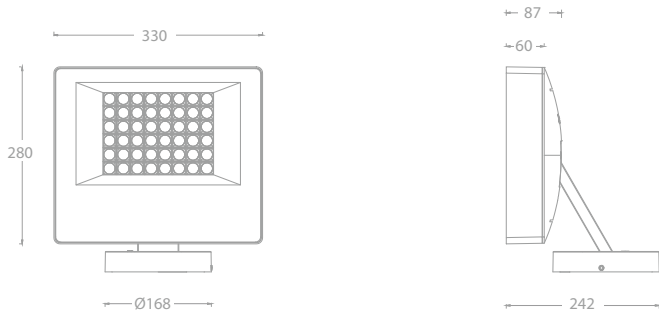


Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EF1L24-056	56(Max)	24	3482	EL ON-OFF 220V AC Power Supply	V 4°	27 2700K 30 3000K 40 4000K	BK Black
				ML DMX512 Dimming 220V AC Power Supply		FC RGB FW RGBW	

Example :EF1L24-056EL-V40BK

EF1L24-056EL-V40BK			
0° Aiming Angle			
D(M)	LUX	W	L
1	225156	0.1	0.1
2	56289	0.2	0.2
3	25017	0.3	0.3
4	14072	0.3	0.3





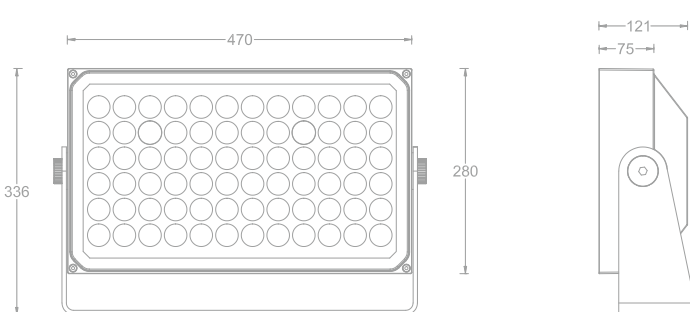
LARGE SHINE Pro Flood

- Body material: Die-cast aluminum body and base, stainless steel mounting plate
 - Optical system: Lens+W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-330° horizontal rotation and 0°-90° vertical aiming tilt
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 6624lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K/RGB/RGBW, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 9.6Kg



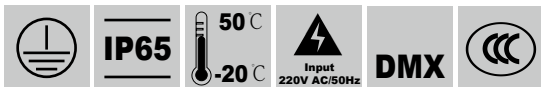
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EF1L48-112	112(Max)	48	5697	EL ON-OFF 220V AC Power Supply	S 7° 1 13° 3 30° 4 40° J 12°x35°	27 2700K 30 3000K 40 4000K FC RGB FW RGBW	BK Black
				ML DMX512 Dimming 220V AC Power Supply			

Example :EF1L48-112EL-S40BK



SMALL SHINE Pro Single Diode LEDs

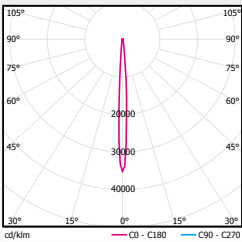
- Body material: Die-cast aluminum body
 - Optical system: Lens+W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Wall Washer shield available
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 14,638lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 22.5Kg



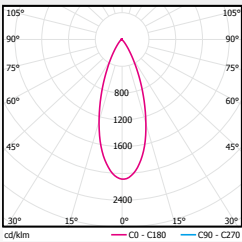
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EF2SI-200	200(Max)	72	12192 (3000K)	EL ON-OFF 220V AC Power Supply	V 4° S 7° 1 13° 3 30° 4 40° J 12°x35°	27 2700K 30 3000K 40 4000K	BK Black
				ML DMX512 Dimming 220V AC Power Supply			

Example : EF2SI-200EL-V30BK

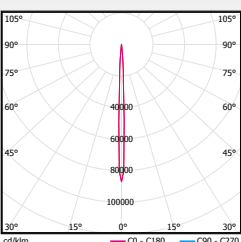
EF1L48-112EL-S30BK			
0° Aiming Angle			
D(M)	LUX	W	L
1	238192	0.1	0.1
2	59548	0.2	0.2
3	26466	0.3	0.3
4	14887	0.4	0.4



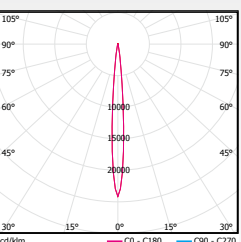
EF1L48-112EL-430BK			
0° Aiming Angle			
D(M)	LUX	W	L
1	13037	0.7	0.7
2	3259	1.4	1.4
3	1449	2.0	2.0
4	815	2.7	2.7

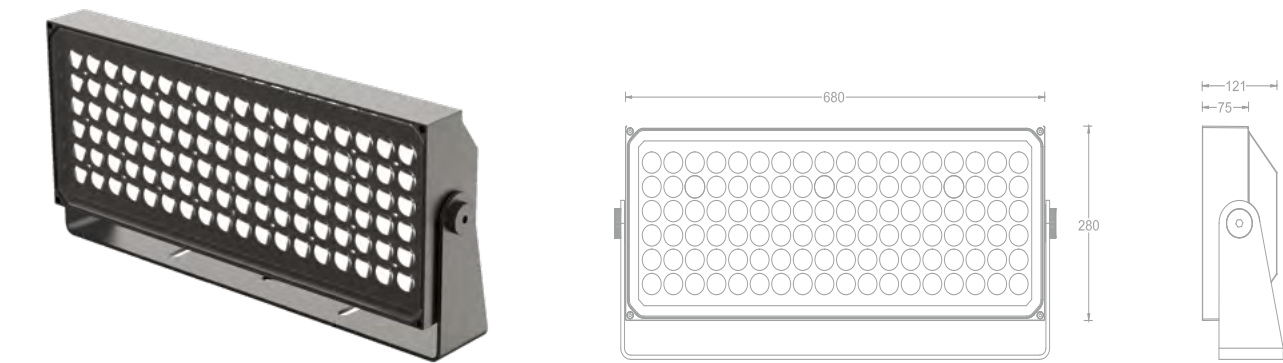


EF2SI-200EL-V30BK			
0° Aiming Angle			
D(M)	LUX	W	L
1	1061422	0.1	0.1
2	265356	0.1	0.1
3	117936	0.2	0.2
4	66339	0.3	0.3



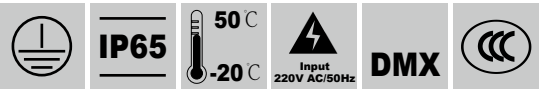
EF2SI-200EL-S30BK			
0° Aiming Angle			
D(M)	LUX	W	L
1	261242	0.2	0.2
2	65311	0.3	0.3
3	29027	0.5	0.5
4	16328	0.7	0.7





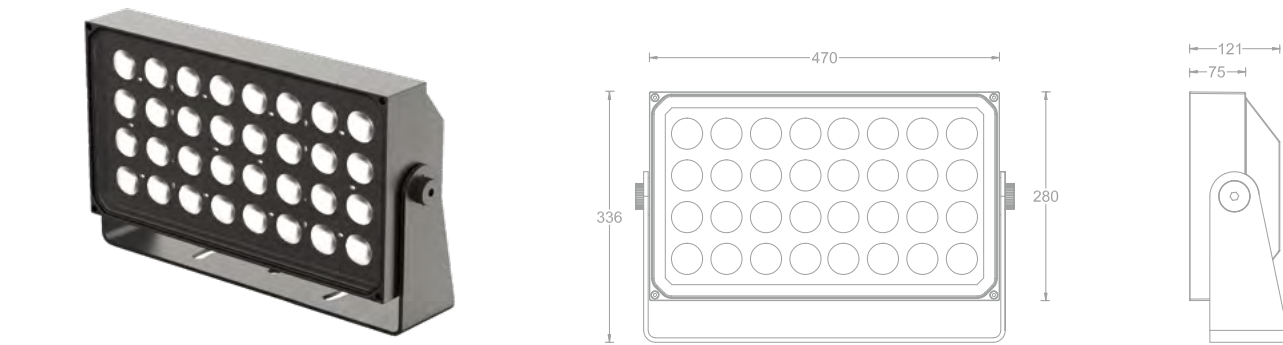
LARGE SHINE Pro Single Diode LEDs

- Body material: Die-cast aluminum body
 - Optical system: Lens+W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Wall Washer shield available
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 21,956lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 31.66Kg



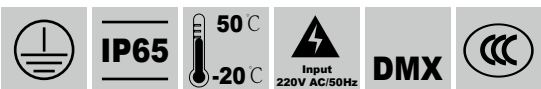
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EF2LI-300	300(Max)	108	19204(3000K)	EL ON-OFF 220V AC Power Supply	V 4°	27 2700K 30 3000K 40 4000K	BK Black
				ML DMX512 Dimming 220V AC Power Supply	S 7° 1 13° 3 30° 4 40° J 12°x35°		

Example : EF2LI-300EL-V30BK



SMALL SHINE Pro Flood RGBW

- Body material: Die-cast aluminum body
 - Optical system: Lens+W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Wall Washer shield available
- LED type: High Power LED
 - LED CCT, lumen output: RGBW 3000K 10,470lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: RGBW, Ra80
 - LED color consistency: 5 SDCM
 - Net weight: 22.5Kg



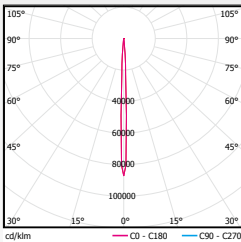
Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EF3SI-200	200(Max)	32	8647	ML DMX512 Dimming 220V AC Power Supply	1 16°	F30 RGBW(3000K) F40 RGBW(4000K) F60 RGBW(6000K)	BK Black
					2 25° 3 35°		

Example : EF3SI-200ML-1F30BK

EF2LI-300EL-V30BK

0° Aiming Angle

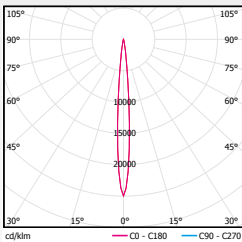
D(M)	LUX	W	L
1	1635100	0.1	0.1
2	408775	0.2	0.2
3	181678	0.2	0.2
4	102194	0.3	0.3



EF2LI-300EL-S30BK

0° Aiming Angle

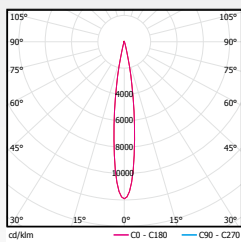
D(M)	LUX	W	L
1	415793	0.2	0.2
2	103948	0.3	0.3
3	46199	0.5	0.5
4	25987	0.7	0.7



EF3SI-200ML-1F30BK

0° Aiming Angle

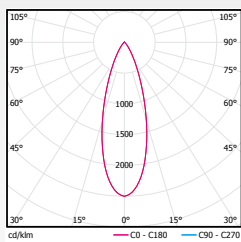
D(M)	LUX	W	L
1	103841	0.3	0.3
2	25960	0.5	0.5
3	11538	0.8	0.8
4	6490	1.0	1.0

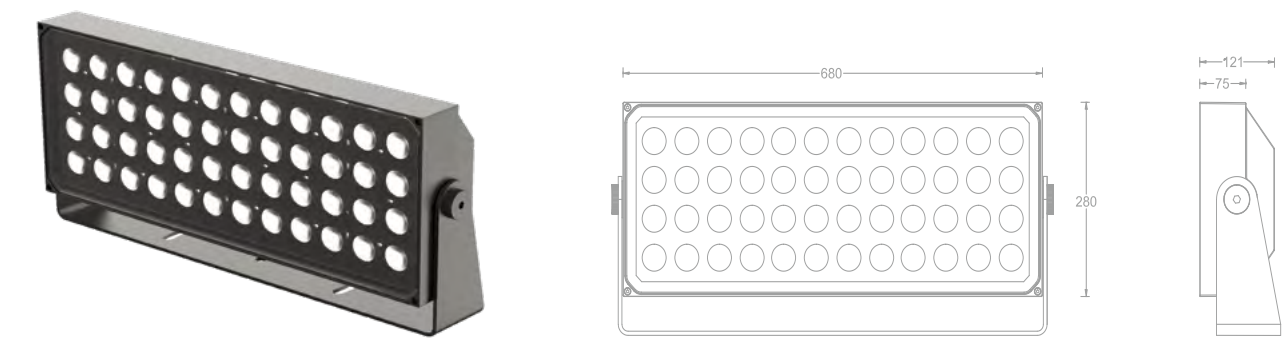


EF3SI-200ML-3F30BK

0° Aiming Angle

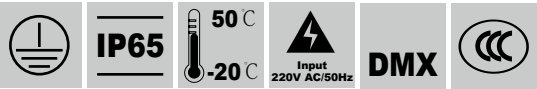
D(M)	LUX	W	L
1	19273	0.6	0.6
2	4818	1.2	1.2
3	2141	1.8	1.8
4	1205	2.4	2.4





LARGE SHINE Pro Flood RGBW

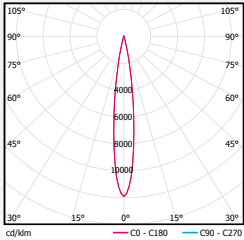
- Body material: Die-cast aluminum body
 - Optical system: Lens+W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: -30° to 90° vertical aiming tilt
 - Accessories/Brackets: Wall Washer shield available
- LED type: High Power LED
 - LED CCT, lumen output: RGBW 3000K 15,706lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - CCT/CRI: RGBW, Ra80
 - LED color consistency: 5 SDCM
 - Net weight: 31.66Kg



Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EF3LI-300	300(Max)	48	12431	ML DMX512 Dimming 220V AC Power Supply	1 16° 2 25° 3 35°	F30 RGBW(3000K) F40 RGBW(4000K) F60 RGBW(6000K)	BK Black

Example : EF3LI-300EL-1F30BK

EF3LI-300ML-1F30BK			
0° Aiming Angle			
D(M)	LUX	W	L
1	148817	0.3	0.3
2	37204	0.5	0.5
3	16535	0.8	0.8
4	9301	1.0	1.0



Lenses & Accessories

Item	Code	Picture	EF1S24-056 EF1S12-028	EF1L48-112 EF1L24-056	EF2SI-200 470x280mm(Mono)	EF2LI-300 680x280mm(Mono)	EF3SI-200 470x280mm(RGBW 4 in 1)	EF3LI-300 680x280mm(RGBW 4 in 1)
Wall Washer Visor	WW		EF1S-WW1-BK	EF1L-WW1-BK				
Wall Washer Visor	WW1				EF2SI-WW1-BK	EF2LI-WW1-BK	EF2SI-WW1-BK	EF2LI-WW1-BK
Wall Washer Visor	WW2				EF2SI-WW2-BK	EF2LI-WW2-BK	EF2SI-WW2-BK	EF2LI-WW2-BK
Wall Washer Visor	BEL2				EF2SI-WW3-BK	EF2LI-WW3-BK	EF2SI-WW3-BK	EF2LI-WW3-BK
Stainless plate with Spike	SPK		EF1S-SPK-BK	EF1L-SPK-BK				
Adaptor For Pole	AP		EF1S-APE-BK	EF1L-APE-BK				

LANNE Downlights

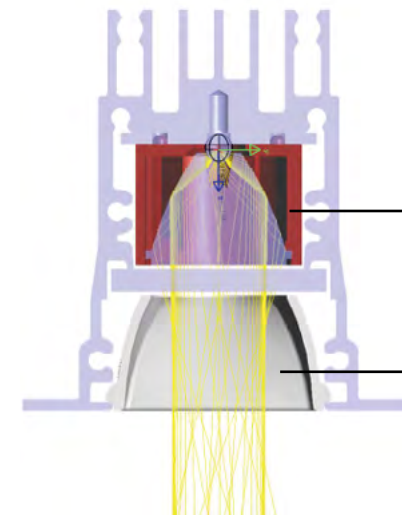


LANNE Downlights

LANNE reveals energy efficient LED luminaires constructed with one-piece die-cast aluminum or stainless steel trims. The six-inch aperture features full reflectors that provide different lamping positions for high performance, various cut-off options, superior light output and photometric efficiency.

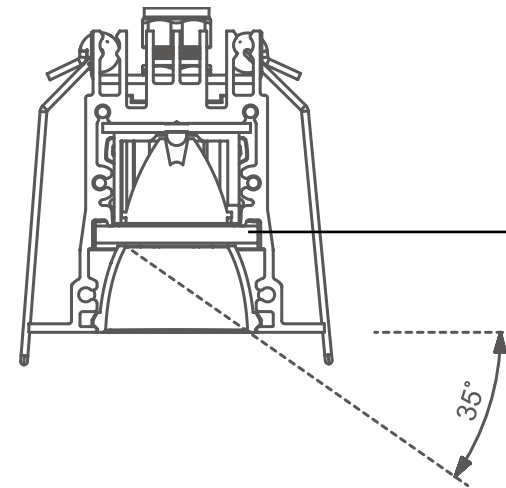
Xiamen International Conference & Exhibition Center
Xiamen, Fujian Province

Patented SUBROSA® Innovative Optical System For Exterior Lighting



SUBROSA® Innovative Optical System
Extraordinary glare control enhances visual comfort

The secondary optical design
The SUBROSA optical system ensures efficient lighting output projected at precise beam angles



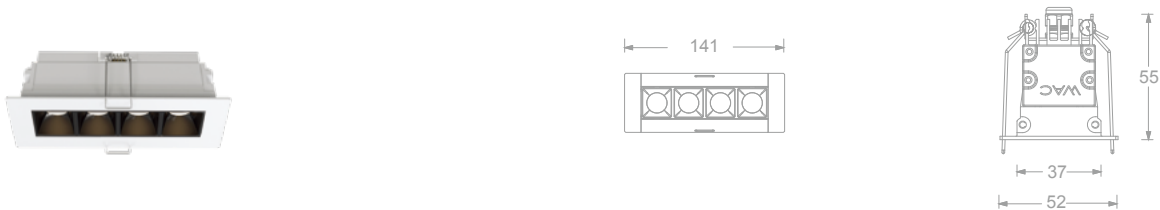
- Concurrently the glass lens is regressed inside the luminaire and waterproofed to accommodate a variety of outdoor environments
- Unlike other types of optical systems on the market today, the regressed glass diffuser is designed to avoid the light reflection on surfaces below, to further enhance visual comfort in your space.



WAC SUBROSA® Optical System
For Exterior Lighting

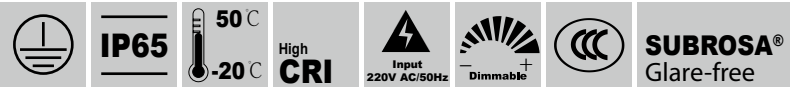


Standard optics



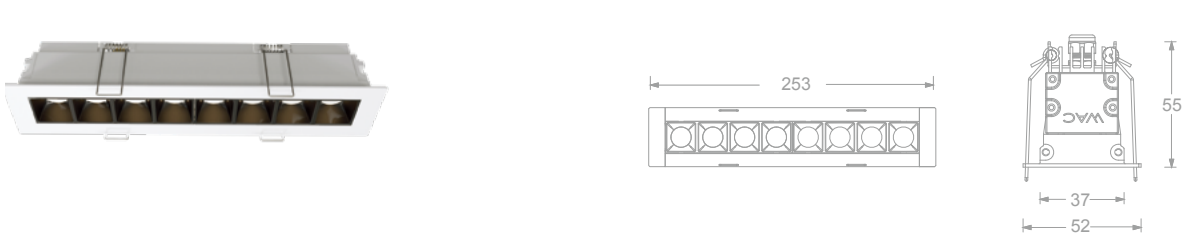
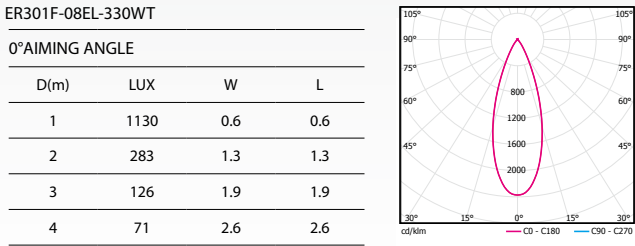
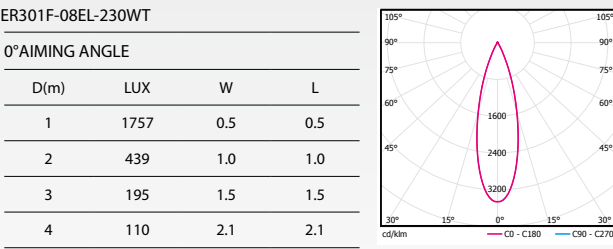
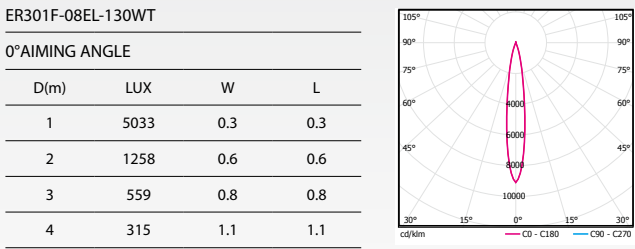
LANNE LINEAR

- Body material: Extruded aluminum
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Environmentally safe powder coat
- Cutout: □ 130mm x 41mm
 - Ceiling thickness: 1-25mm
 - Cut off angle: 35°
 - LED type: High Power LED
 - LED CCT, lumen output: 3000K 1000lm
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 0.55Kg



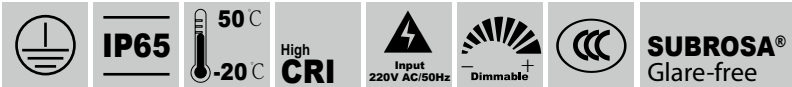
Model	Length (mm)	Comment	LED Power (W)	LEDs (Quantity)	Driver	Beam	CCT	Finish
ER3 Recessed Linear Downlights	01 141	F Frame	08 8	4pcs	EL ON-OFF 220V AC Power Supply DL 0-10V Dimming 220V AC Power Supply	1 15°	30 3000K 40 4000K	WT White
						2 26°		
						3 36°		

Example: ER301F-08EL-130WT



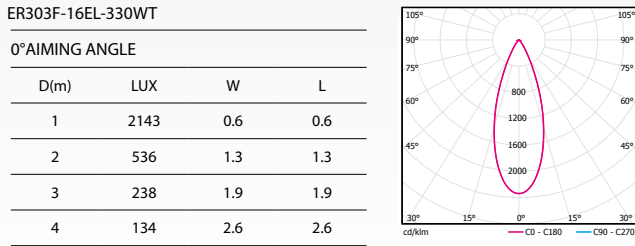
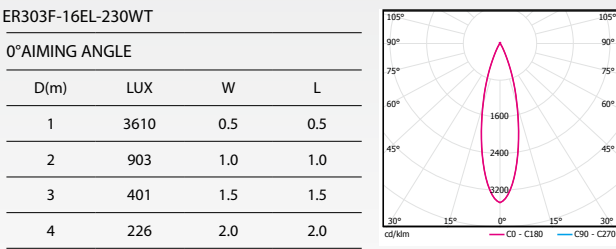
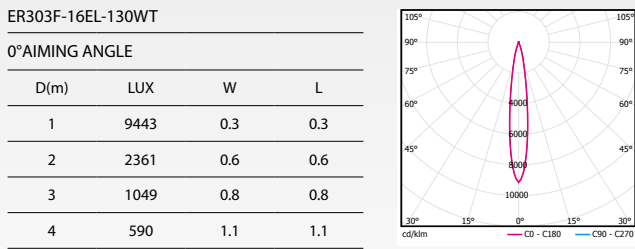
LANNE LINEAR

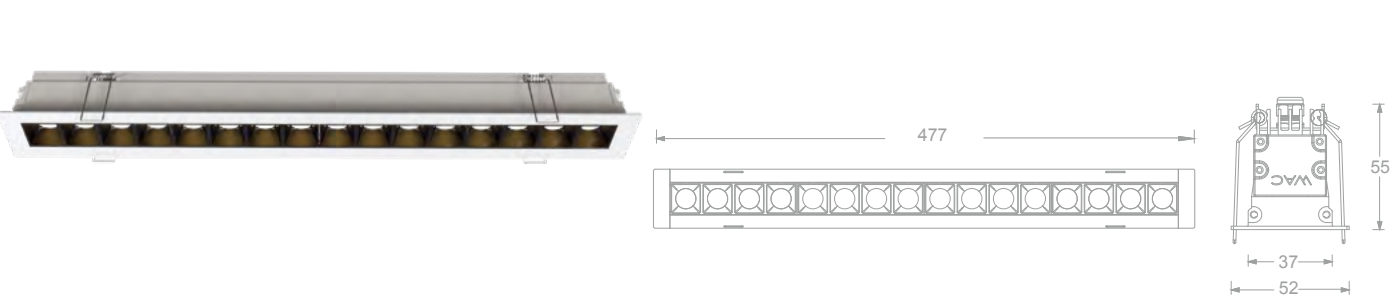
- Body material: Extruded aluminum
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Environmentally safe powder coat
- Cutout: □ 242mm x 41mm
 - Ceiling thickness: 1-25mm
 - Cut off angle: 35°
 - LED type: High Power LED
 - LED CCT, lumen output: 3000K 2000lm
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 0.7Kg



Model	Length (mm)	Comment	LED Power (W)	LEDs (Quantity)	Driver	Beam	CCT	Finish
ER3 Recessed Linear Downlights	03 253	F Frame	16 16	8pcs	EL ON-OFF 220V AC Power Supply DL 0-10V Dimming 220V AC Power Supply	1 15°	30 3000K 40 4000K	WT White
						2 26°		
						3 36°		

Example: ER303F-16EL-130WT



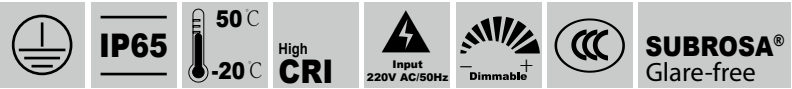
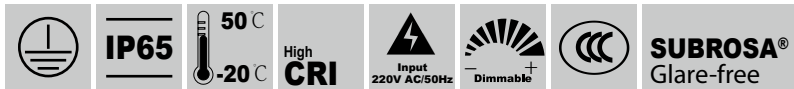


LANNER LINEAR

- Body material: Extruded aluminum
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Environmentally safe powder coat
- Cutout: 466mm x 41mm
 - Ceiling thickness: 1-25mm
 - Cut off angle: 35°
 - LED type: High Power LED
 - LED CCT, lumen output: 3000K 4000lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.2Kg

LANNE Pro

- Body material: Die-cast aluminum
 - Optical system: Lens + SUBROSA®optical system
 - Finish: Environmentally safe powder coat
- Cutout: Ø63mm
 - Ceiling thickness: 1mm-25mm
 - Cut off angle: 35°
 - LED type: High Power LED
 - LED CCT, lumen output: 3000K 800lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM (4000K 5 SDCM)
 - Net weight: 0.5Kg

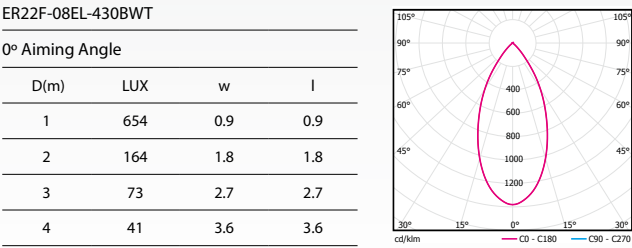
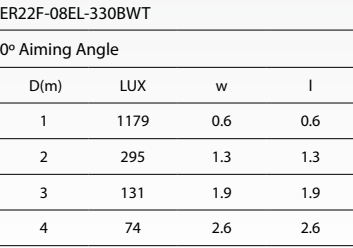
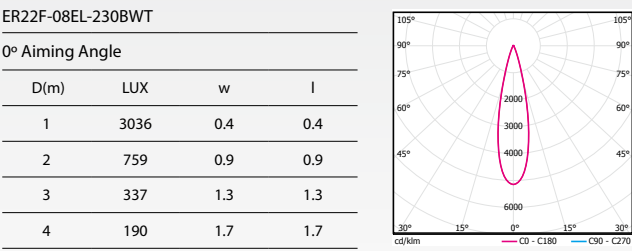
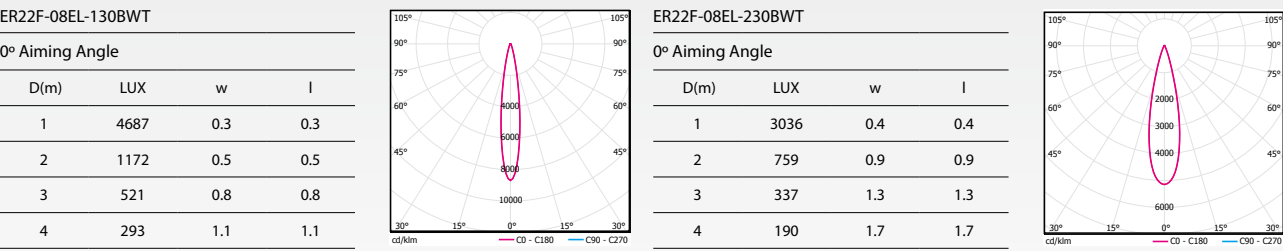
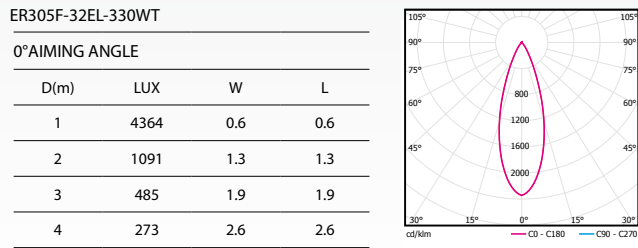
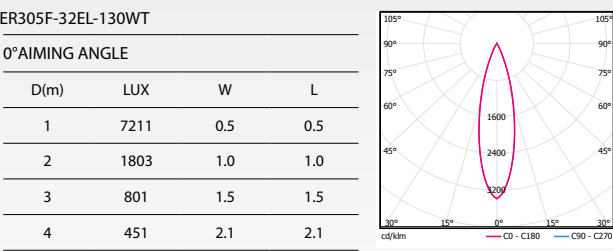
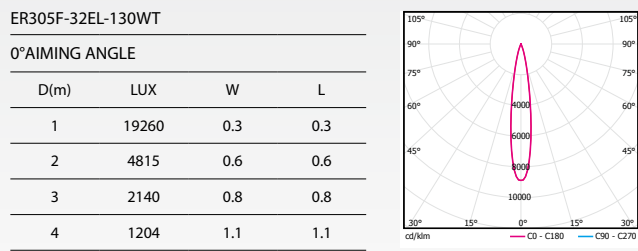


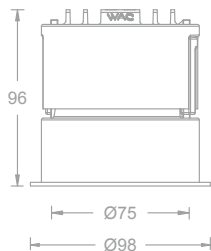
Model	Length (mm)	Comment	LED Power (W)	LEDs (Quantity)	Driver	Beam	CCT	Finish
ER3 <i>Recessed Linear Downlights</i>	05 477	F Frame	32 32	16pcs	EL ON-OFF 220V AC Power Supply	1 15°	30 3000K 40 4000K	WT White
					DL 0-10V Dimming 220V AC Power Supply	2 26°		
						3 36°		

Model	Size	Comment	LED Power	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
ER2	2 2"	F Frame	08 8W	480lm(@8W 3000K 15°) 470lm(@8W 3000K 24°) 462lm(@8W 3000K 35°) 419lm(@8W 3000K 48°)	EL ON-OFF 220V AC Power Supply DL 0-10V Dimming 220V AC Power Supply	1 15°	27 2700K 30 3000K 40 4000K	S B Specular Black	WT White
						2 24°			
						3 36°			
						4 48°			

Example: ER305F-32EL-130WT

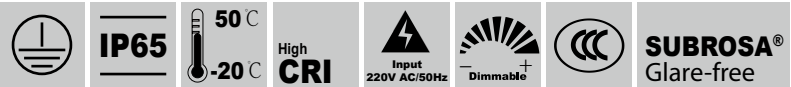
Example: ER22F-08EL-127BWT





LANNE Pro

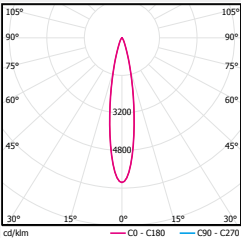
- Body material: Die-cast aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: Ø93mm
- Ceiling thickness: 1mm-40mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 13W 3000K 1300lm
18W 3000K 1800lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.05Kg



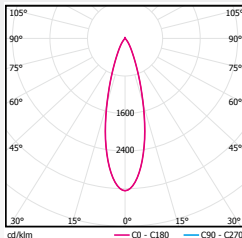
Model	Size		Comment	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish	
ER2	3	3"	F	Frame	13 COB 13W 18 COB 18W	844lm(@13W 3000K 18°) 881lm(@13W 3000K 28°) 1015lm(@13W 3000K 36°) 886lm(@13W 3000K 45°) 943lm(@13W 3000K 58°) 1047lm(@18W 3000K 18°) 1084lm(@18W 3000K 28°) 1241lm(@18W 3000K 36°) 1096lm(@18W 3000K 45°) 1204lm(@18W 3000K 58°)	EL ON-OFF 220V AC Power Supply	1 18° 2 28° 3 38° 4 48° 5 58°	27 2700K 30 3000K 40 4000K	S B Specular Black	WT White
							DL 0-10V Dimming 220V AC Power Supply				

Example: ER23F-13EL-130BWT

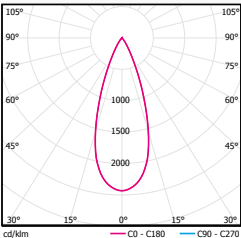
ER23F-18EL-130BWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	6468	0.3	0.3	
2	1617	0.6	0.6	
3	719	1.0	1.0	
4	404	1.3	1.3	



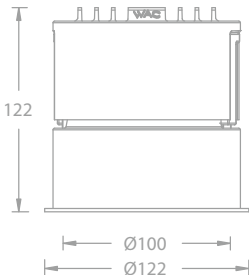
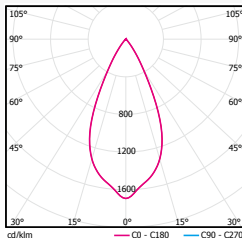
ER23F-18EL-230BWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	3518	0.5	0.5	
2	880	1.0	1.0	
3	391	1.5	1.5	
4	220	2.0	2.0	



ER23F-18EL-330BWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	3028	0.7	0.7	
2	757	1.4	1.4	
3	336	2.1	2.1	
4	189	2.8	2.8	

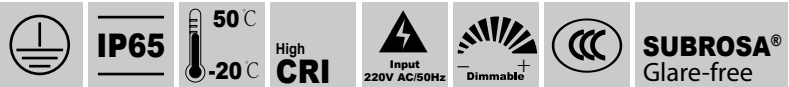


ER23F-18EL-430BWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	1861	0.9	0.9	
2	465	1.8	1.8	
3	207	2.7	2.7	
4	116	3.6	3.6	



LANNE Pro

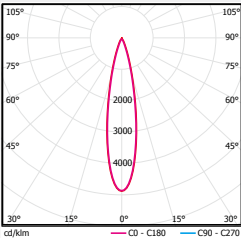
- Body material: Die-cast aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: Ø116mm
- Ceiling thickness: 1mm-40mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 18W 3000K 1800lm
25W 3000K 2500lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.5Kg



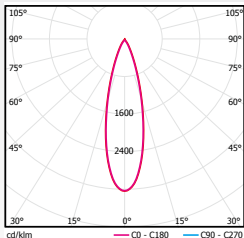
Model	Size	Comment	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish								
ER2	4	4"	F	Frame	18 25	COB 18W COB 25W	1567lm(@18W 3000K 20°)	EL	ON-OFF 220V AC Power Supply	2 3	20° 30°	27 30	2700K 3000K	S B	Specular Black	WT	White
							1446lm(@18W 3000K 30°)										
							1495lm(@18W 3000K 40°)										
							1784lm(@18W 3000K 50°)										
							1706lm(@18W 3000K 60°)										
							2106lm(@25W 3000K 20°)										
							1921lm(@25W 3000K 30°)										
							1981lm(@25W 3000K 40°)										
							2348lm(@25W 3000K 50°)										
							2274lm(@25W 3000K 60°)										

Example: ER24F-18EL-230BWT

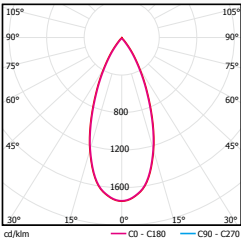
ER24F-25EL-230BWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	10365	0.4	0.4	
2	2591	0.7	0.7	
3	1152	1.1	1.1	
4	648	1.4	1.4	



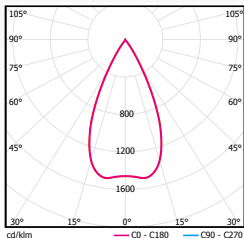
ER24F-25EL-330BWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	6253	0.5	0.5	
2	1563	1.1	1.1	
3	695	1.6	1.6	
4	391	2.1	2.1	

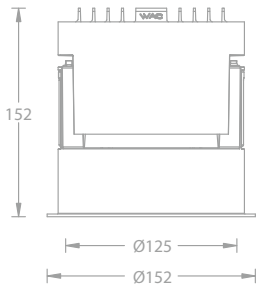


ER24F-25EL-430BWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	3464	0.7	0.7	
2	866	1.5	1.5	
3	385	2.2	2.2	
4	217	2.9	2.9	



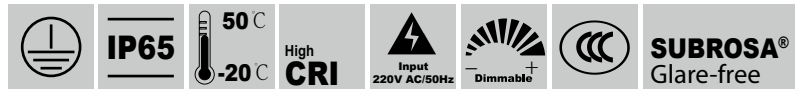
ER24F-25EL-530BWT				
0° Aiming Angle				
D(m)	LUX	w	I	
1	3581	0.9	0.9	
2	895	1.9	1.9	
3	398	2.8	2.8	
4	224	3.7	3.7	





LANNE Pro

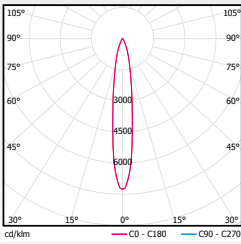
- Body material: Die-cast aluminum
- Optical system: Lens + SUBROSA®optical system
- Finish: Environmentally safe powder coat
- Cutout: Ø140mm
- Ceiling thickness: 1mm-40mm
- Cut off angle: 35°
- LED type: COB
- LED wattage, CCT, lumen output: 32W 3000K 3830lm
40W 3000K 4500lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 2.3Kg



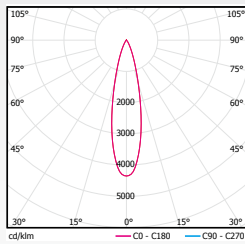
Model	Size	Comment	LED	System Lumens	Driver	Beam Angle	CCT	Reflector	Finish
ER2	5 5"	F Frame	32 32W 40 40W	3017lm(@32W 3000K 15°) 2885lm(@32W 3000K 24°) 2950lm(@32W 3000K 36°) 3688lm(@40W 3000K 15°) 3526lm(@40W 3000K 24°) 3605lm(@40W 3000K 36°)	EL ON-OFF 220V AC Power Supply DL 0-10V Dimming 220V AC Power Supply	1 15° 2 24° 3 36°	27 2700K 30 3000K 40 4000K	S B Specular Black	WT White

Example: ER25F-32EL-130BWT

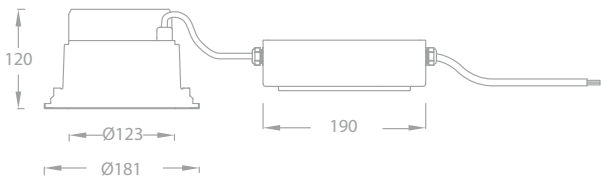
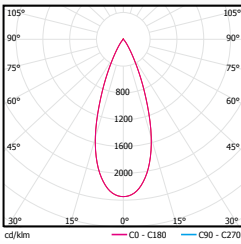
ER25F-40EL-130BWT				
0° Aiming Angle				
D(m)	LUX	w	l	
1	26804	0.26	0.26	
2	6701	0.52	0.52	
3	2978	0.78	0.78	
4	1675	1.04	1.04	



ER25F-40EL-230BWT				
0° Aiming Angle				
D(m)	LUX	w	l	
1	15330	0.43	0.43	
2	3833	0.86	0.86	
3	1703	1.29	1.29	
4	958	1.72	1.72	



ER25F-40EL-330BWT				
0° Aiming Angle				
D(m)	LUX	w	l	
1	8463	0.68	0.68	
2	2116	1.36	1.36	
3	940	2.04	2.04	
4	529	2.72	2.72	



LANNE I 6"

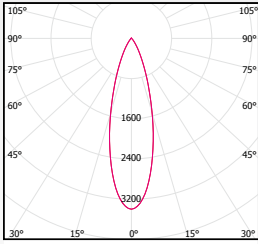
- Body material: Die-cast aluminum housing and stainless steel frame
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Cutout: Ø168mm
- LED type: High Power LED
- LED CCT, lumen output: 20W 3000K 2286lm
34W 3000K 3886lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
- CCT/CRI: 3000K/4500K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 3.1Kg



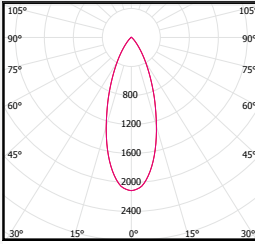
Model	Max Lumens (lm)	Power (W)	Control Systems	CCT	Beam	Finish
DLR665	1141	LD20 LED 10x2.2	E ON-OFF	W C 3000K 4500K	S N F 15° 25° 40°	WT White Powder Coat
	1822	LD34 LED 10x3.4	D 0-10V Dimming			BN Brushed Nickel

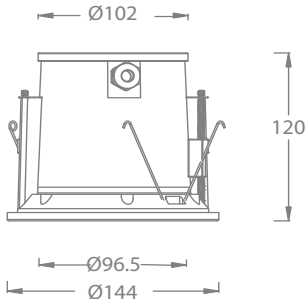
Example : DLR665-LD20E-WSWT

DLR665-LD20E-WNWT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	3398	0.5	0.5	
2	850	1.0	1.0	
3	378	1.6	1.6	
4	212	2.1	2.1	



DLR665-LD20E-WFWT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2112	0.7	0.7	
2	528	1.3	1.3	
3	235	2.0	2.0	
4	132	2.7	2.7	





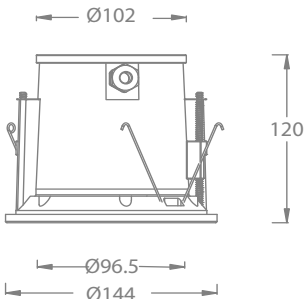
LANNE II 4"

- Body material: Die-cast aluminum housing and stainless steel frame
- Optical system: Lens+W-Module
- Finish: Environmentally safe powder coat
- Cutout: Ø134mm
- LED type: High Power LED
- LED CCT, lumen output: 13W 3000K 1086lm
21W 3000K 1755lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
- CCT/CRI: 3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 1.6Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
ER1S	F Fixed Version	13	13(Max) 6	798	EL ON-OFF 220V AC Power Supply	S 7° 1 15° 2 25° 4 40°	30 3000K 40 4000K	WT White Powder Coat BN Brushed Nickel
		21	21(Max) 9	1158	DL 0-10V Dimming 220V AC Power Supply			

Example : ER1SF-13EL-S30WT



LANNE II 4" Adjustable

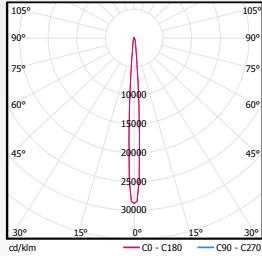
- Body material: Die-cast aluminum housing and stainless steel frame
- Optical system: Lens+W-Module
- Finish: Environmentally safe powder coat
- Adjustable angle: Vertically +/-20°
- Cutout: Ø134mm
- LED type: High Power LED
- LED CCT, lumen output: 3000K 1170lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
- CCT/CRI: 3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 1.6Kg



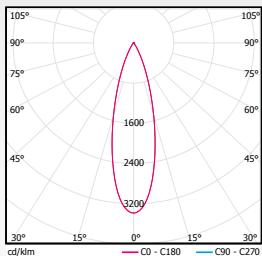
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
ER1S	A Adjustable Version	13	13(Max) 6	788	EL ON-OFF 220V AC Power Supply	S 7° 1 15° 2 25° 4 40°	30 3000K 40 4000K	WT White Powder Coat BN Brushed Nickel
					DL 0-10V Dimming 220V AC Power Supply			

Example : ER1SA-13EL-S30WT

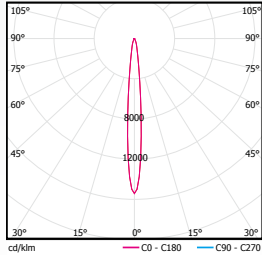
ER1SF-13EL-S40BN				
0° Aiming Angle				
D(m)	LUX	W	L	
1	26121	0.1	0.1	
2	6530	0.2	0.2	
3	2902	0.4	0.4	
4	1633	0.5	0.5	



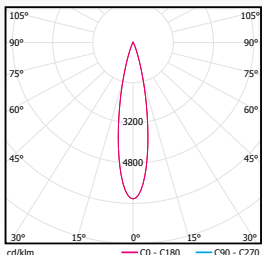
ER1SF-13EL-240BN				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2489	0.4	0.4	
2	622	0.9	0.9	
3	277	1.3	1.3	
4	156	1.8	1.8	



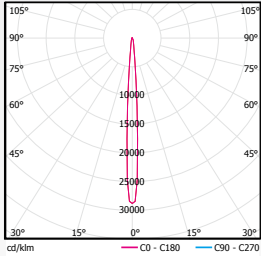
ER1SF-21DL-S30WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	17322	0.2	0.2	
2	4331	0.3	0.3	
3	1925	0.5	0.5	
4	1083	0.7	0.7	



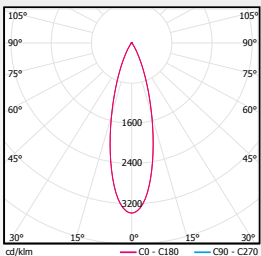
ER1SF-21DL-230WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1737	0.7	0.7	
2	772	1.1	1.1	
3	434	1.5	1.5	
4	434	1.5	1.5	

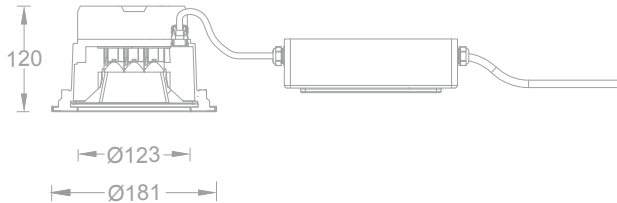


ER1SA-13EL-S40BN				
0° Aiming Angle				
D(m)	LUX	W	L	
1	26121	0.1	0.1	
2	6530	0.2	0.2	
3	2902	0.4	0.4	
4	1633	0.5	0.5	



ER1SA-13EL-240BN				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2489	0.4	0.4	
2	622	0.9	0.9	
3	277	1.3	1.3	
4	156	1.8	1.8	





LANNE II 6"

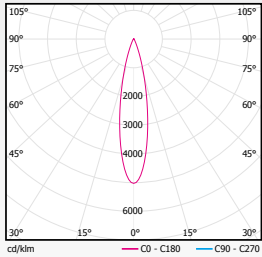
- Body material: Die-cast aluminum housing and stainless steel frame
- Optical system: Lens+W-Module
- Finish: Environmentally safe powder coat
- Cutout: Ø168mm
- LED type: High Power LED
- LED CCT, lumen output: 28W 3000K 2286lm
38W 3000K 3042lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
- CCT/CRI: 3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 3.1Kg



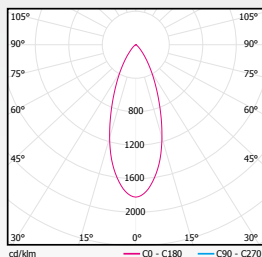
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
ER1M	F Fixed Version	28	28(Max) 9	1591	EL ON-OFF 220V AC Power Supply DL 0-10V Dimming 220V AC Power Supply	S 7° 1 15° 2 25° 4 40°	30 3000K 40 4000K	WT White Powder Coat
		38	38(Max) 12	2105				BN Brushed Nickel

Example : ER1MF-28EL-S30WT

ER1MF-28EL-240BN			
0° Aiming Angle			
D(m)	LUX	W	L
1	12128	0.4	0.4
2	3032	0.8	0.8
3	1348	1.2	1.2
4	758	1.5	1.5



ER1MF-38EL-440BN			
0° Aiming Angle			
D(m)	LUX	W	L
1	2656	0.7	0.7
2	664	1.4	1.4
3	295	2.1	2.1
4	166	2.8	2.8



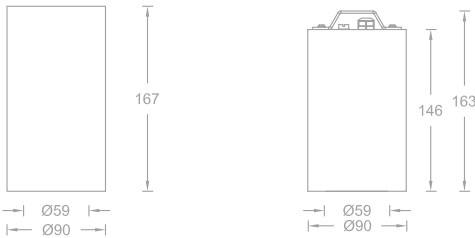
SLANA Surface Mounted



SLANA Surface Mounted

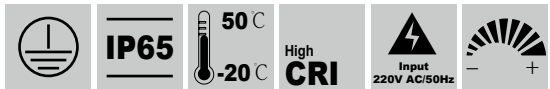
Precisely engineered with quality aluminum reflectors for a high performance optical design. SLANA LED Surface Mounted Downlights offer a 45° cut-off angle for optimal glare control, high efficacy and a soft beam lens for even light distribution. The luminaires are constructed with an extruded aluminum housing and die-cast aluminum trims for long lasting durability. Ceiling and wall luminaires are IP65 rated for exterior and interior applications.

Hankou High Speed Rail Station
Wuhan, Hubei Province



SLANA Round Ceiling Ø90mm

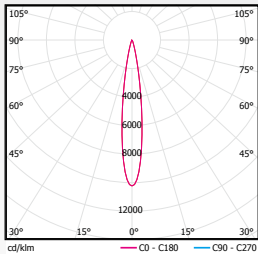
- Body material: Extruded aluminum housing and die-cast aluminum trim
- Optical system: Unique high efficiency and low glare TIR Lens
- Finish: Environmentally safe powder coat
- LED type: COB
- LED CCT, lumen output: 3000K 1649lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.2Kg



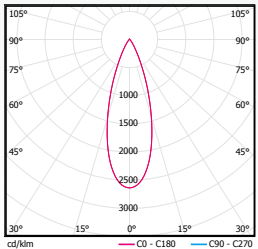
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
ES1N	U-Shape Bracket Ceiling Mounted	16	16(Max) COB	1172	EL ON-OFF 220V AC Power Supply DL 0-10V Dimming 220V AC Power Supply	1 14° 2 25° 3 35°	27 2700K 30 3000K 40 4000K	WT White BK Black

Example : ES1NU-16EL-130WT

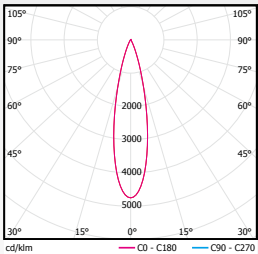
ES1NU-16EL-130WT			
0° Aiming Angle			
D(m)	LUX	W	L
1	8037	0.3	0.3
2	2009	0.5	0.5
3	893	0.8	0.8
4	502	1.0	1.0

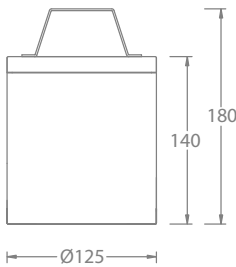
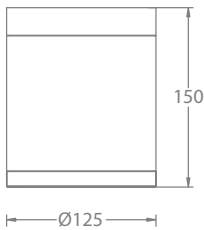


ES1NU-16EL-330WT			
0° Aiming Angle			
D(m)	LUX	W	L
1	3118	0.6	0.6
2	780	1.2	1.2
3	346	1.8	1.8
4	195	2.4	2.4



ES1NU-16EL-230WT			
0° Aiming Angle			
D(m)	LUX	W	L
1	5189	0.4	0.4
2	1297	0.8	0.8
3	577	1.2	1.2
4	324	1.7	1.7





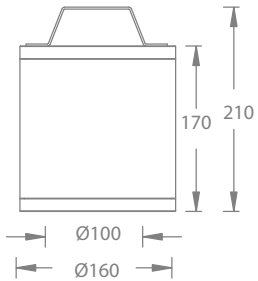
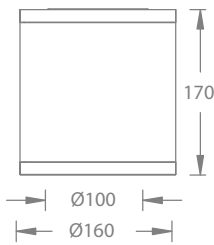
SLANA Round Ceiling Ø125mm

- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 2540lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.6Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
ES1S	U-Shape Bracket Ceiling Mounted	27	27(Max) COB	2251	EL ON-OFF 220V AC Power Supply	1 16°	27 2700K	WT BK White Black
					DL 0-10V Dimming 220V AC Power Supply	2 21°	30 3000K	
						3 33°	40 4000K	

Example : ES1SU-27EL-130WT



SLANA Round Ceiling Ø160mm

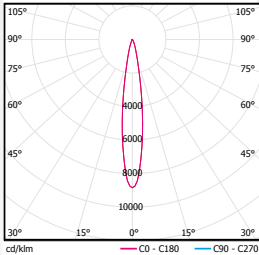
- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 4571lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.5Kg



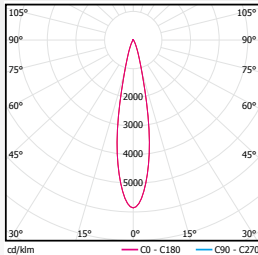
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
ES1M	U-Shape Bracket Ceiling Mounted	36	36(Max) COB	2783	EL ON-OFF 220V AC Power Supply	1 16°	27 2700K	WT BK White Black
					DL 0-10V Dimming 220V AC Power Supply	2 30°	30 3000K	
						4 40°	40 4000K	

Example : ES1MU-36EL-130WT

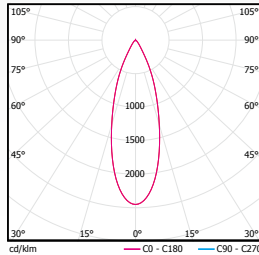
ES1SC-27EL-130WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	18563	0.3	0.3	
2	4641	0.5	0.5	
3	2063	0.8	0.8	
4	1160	1.1	1.1	



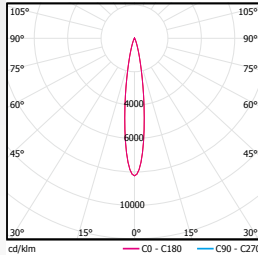
ES1SC-27EL-230WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	13188	0.4	0.4	
2	3297	0.7	0.7	
3	1465	1.1	1.1	
4	824	1.5	1.5	



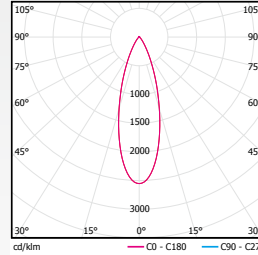
ES1SC-27EL-330WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	5277	0.6	0.6	
2	1319	1.2	1.2	
3	586	1.8	1.8	
4	330	2.3	2.3	



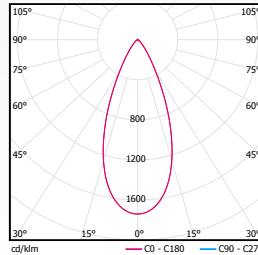
ES1MC-36EL-130WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	22586	0.3	0.3	
2	5647	0.6	0.6	
3	2510	0.8	0.8	
4	1412	1.1	1.1	

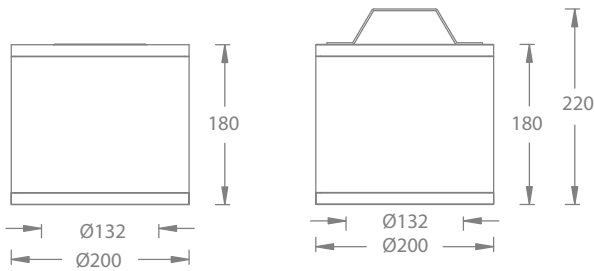


ES1MC-36EL-230WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	6908	0.6	0.6	
2	1727	1.1	1.1	
3	768	1.7	1.7	
4	432	2.3	2.3	



ES1MC-36EL-430WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	4851	0.8	0.8	
2	1213	1.6	1.6	
3	539	2.4	2.4	
4	303	3.1	3.1	





SLANA Round Ceiling Ø200mm

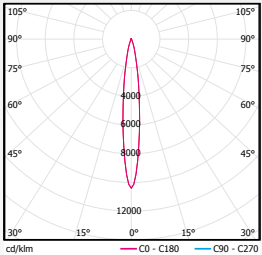
- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 6856lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 4.7Kg



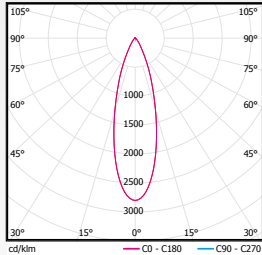
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
ES1L	U-Shape Bracket Ceiling Mounted	48	48(Max) COB	3430	EL ON-OFF 220V AC Power Supply	1 13°	27 2700K	WT White
						2 29°	30 3000K	BK Black
					DL 0-10V Dimming 220V AC Power Supply	4 40°	40 4000K	

Example : ES1LU-48EL-130WT

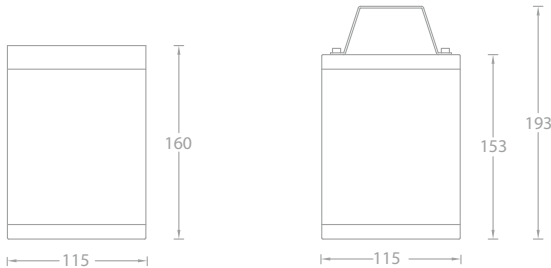
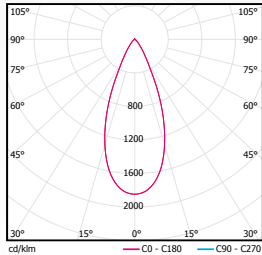
ES1LC-48EL-130WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	35815	0.2	0.2	
2	8954	0.4	0.4	
3	3979	0.7	0.7	
4	2238	0.9	0.9	



ES1LC-48EL-230WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	9365	0.5	0.5	
2	2341	1.1	1.1	
3	1041	1.6	1.6	
4	585	2.1	2.1	



ES1LC-48EL-430WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	6359	0.8	0.8	
2	1590	1.5	1.5	
3	707	2.3	2.3	
4	397	3.1	3.1	



SLANA SQUARE Ceiling □ 115mm

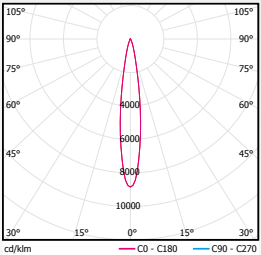
- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system:High efficiency and low glare unique TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 2540lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.6Kg



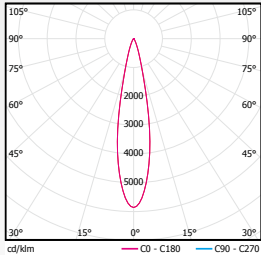
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
ES2S	U-Shape Bracket Ceiling Mounted	27	27(Max) COB	2251	EL ON-OFF 220V AC Power Supply	1 16°	27 2700K	WT White
						2 21°	30 3000K	BK Black
					DL 0-10V Dimming 220V AC Power Supply	3 33°	40 4000K	

Example : ES2SU-27EL-130WT

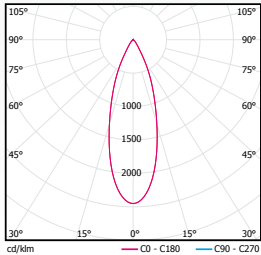
ES2SC-27EL-130WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	18563	0.3	0.3	
2	4641	0.5	0.5	
3	2063	0.8	0.8	
4	1160	1.1	1.1	

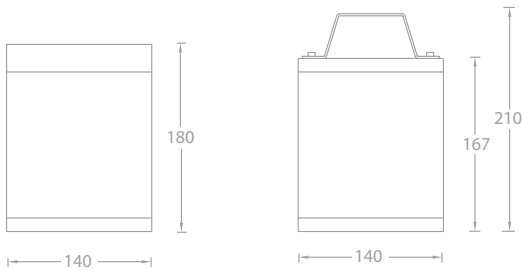


ES2SC-27EL-230WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	13188	0.4	0.4	
2	3297	0.7	0.7	
3	1465	1.1	1.1	
4	824	1.5	1.5	



ES2SC-27EL-330WT				
0° Aiming Angle				
D(m)	LUX	W	L	
1	5277	0.6	0.6	
2	1319	1.2	1.2	
3	586	1.8	1.8	
4	330	2.3	2.3	





SLANA SQUARE Ceiling □ 140mm

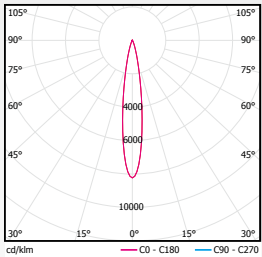
- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 4571lm
 - LED lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80 / TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.5Kg



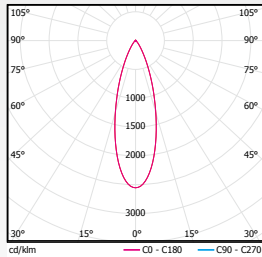
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
ES2M	U-Shape Bracket Ceiling Mounted	36	36(Max)	COB	27783	EL 1 16°	27 2700K	WT White
						2 30°	30 3000K	BK Black
						4 40°	40 4000K	
						DL 0-10V Dimming 220V AC Power Supply		

Example : ES2MU-36EL-130WT

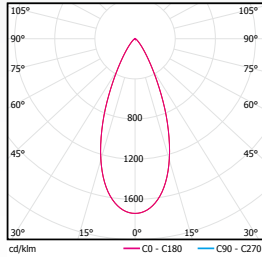
ES2MC-36EL-130WT			
0° Aiming Angle			
D(m)	LUX	W	L
1	22586	0.3	0.3
2	5647	0.6	0.6
3	2510	0.8	0.8
4	1412	1.1	1.1



ES2MC-36EL-230WT			
0° Aiming Angle			
D(m)	LUX	W	L
1	6908	0.6	0.6
2	1727	1.1	1.1
3	768	1.7	1.7
4	432	2.3	2.3



ES2MC-36EL-430WT			
0° Aiming Angle			
D(m)	LUX	W	L
1	4851	0.8	0.8
2	1213	1.6	1.6
3	539	2.4	2.4
4	303	3.1	3.1



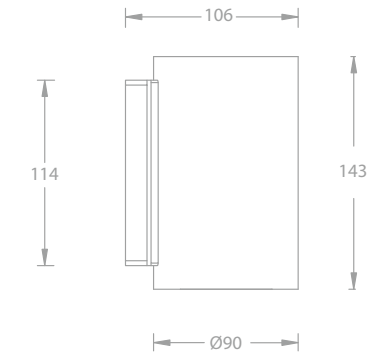
Chengdu High Speed Rail Station
Chengdu, Sichuan Province

SLANA Wall Mounts



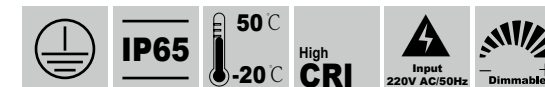
SLANA Wall Mounts

Powerful and compact, the SLANA Wall Mounts provide robust energy efficient LED illumination. Cleanly finished with no visible hardware, the sleek low profile luminaires allow for placement versatility. Ideal for interior and exterior environments.



SLANA Wall Single Directional Ø90

- Body material: Extruded aluminum housing and die-cast aluminum trim
- Optical system: Unique high efficiency and low glare TIR Lens
- Finish: Environmentally safe powder coat
- LED type: COB
- LED CCT, lumen output: 3000K 1649lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.3Kg

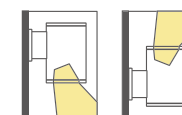


Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EW1N	S Single Directional	16	16(Max) COB	1172	EL ON-OFF 220V AC Power Supply DL 0-10V Dimming 220V AC Power Supply	1 14° 2 25° 3 35° A Away from the wall T Towards the wall	30 3000K 40 4000K	WT White BK Black

Example : EW1NS-16EL-130WT

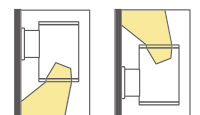
A

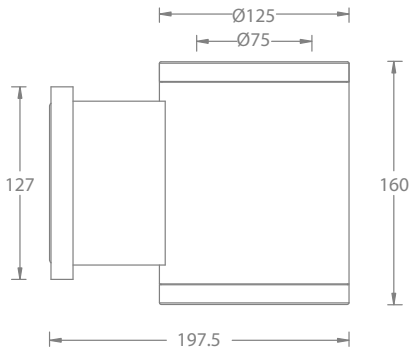
Away from
the wall



T

Towards
the wall



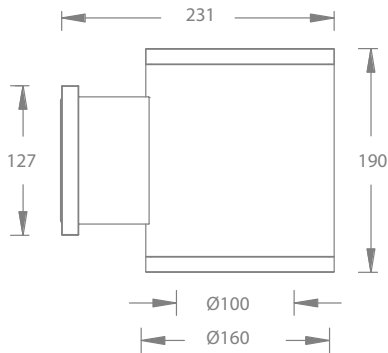


SLANA Round Wall Single Directional Ø125

- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 2540lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.0Kg

								
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EW1S	S Single Directional	27	27(Max) COB	2251	EL ON-OFF 220V AC Power Supply	1 16° 2 21° 3 33°	30 3000K 40 4000K	WT White BK Black
					DL 0-10V Dimming 220V AC Power Supply	A Away from the wall T Towards the wall		

Example : EW1SS-27EL-130WT



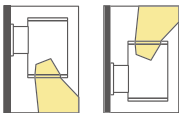
SLANA Round Wall Single Directional Ø160

- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 4571lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.7Kg

Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EW1M	S Single Directional	36	36(Max) COB	2783	EL ON-OFF 220V AC Power Supply	1 16°	30 3000K 40 4000K	WT White BK Black
					DL 0-10V Dimming 220V AC Power Supply	2 30° 4 40° A Away from the wall T Towards the wall		

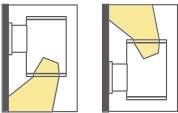
Example : EW1MS-36EL-130WT

A Away from the wall



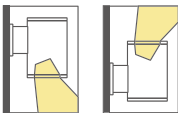
T

Towards the wall



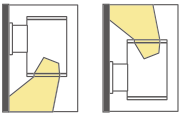
A

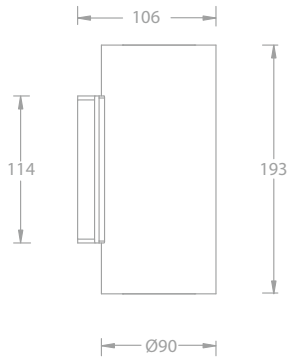
Away from the wall



T

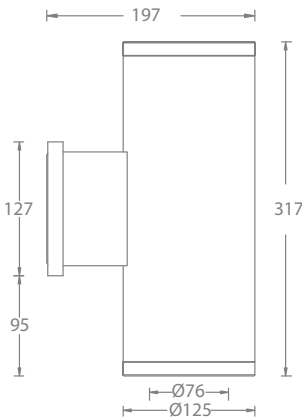
Towards the wall





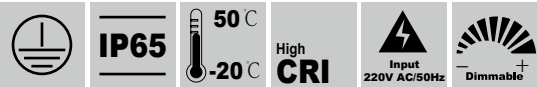
SLANA Round Wall Double Directional Ø90

- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 3298lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.6Kg



SLANA Round Wall Double Directional Ø125

- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 5080lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 3.2Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam Up	Beam Down	CCT	Finish	
EW1N	D Double Directional	32	16x2(Max)	COB	749x2	EL ON-OFF 220V AC Power Supply	1 14°	1 14°	30 3000K	WT Whitet
						DL 0-10V Dimming 220V AC Power Supply	A Away from the wall T Towards the wall	A Away from the wall T Towards the wall	40 4000K	BK Black

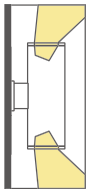
Example : EW1ND-32EL-1130WT



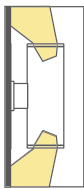
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam Up	Beam Down	CCT	Finish	
EW1S	D Double Directional	54	27x2(Max)	COB	2251x2	EL ON-OFF 220V AC Power Supply	1 16°	1 16°	30 3000K 40 4000K	WT White BK Black
						DL 0-10V Dimming 220V AC Power Supply	A Away from the wall T Towards the wall	A Away from the wall T Towards the wall		

Example :EW1SD-54EL-1130WT

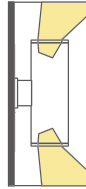
A Away from the wall



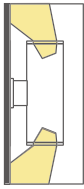
T Towards the wall

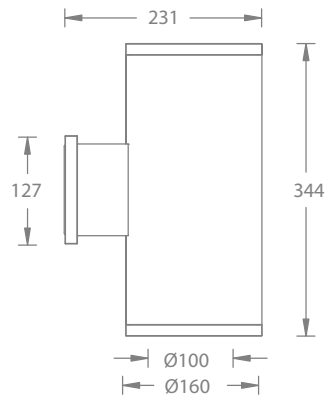


A Away from the wall



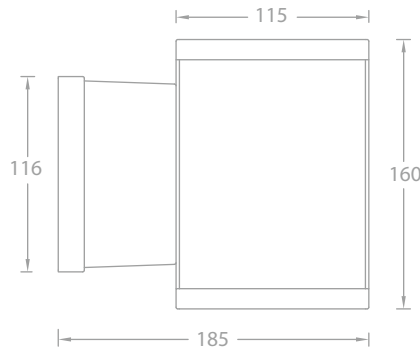
T Towards the wall





SLANA Round Wall Double Directional Ø160

- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 9142lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 4.9Kg



SLANA SQUARE Wall Single Directional □ 115

- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 2540lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.0Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam Up	Beam Down	CCT	Finish	
EW1M	D Double Directional	72	36Wx2(Max)	COB	2783x2	EL ON-OFF 220V AC Power Supply	1 16° A Away from the wall T Towards the wall	1 16° A Away from the wall T Towards the wall	30 3000K 40 4000K	WT White Powder Coat BK Black Powder Coat
						DL 0-10V Dimming 220V AC Power Supply				

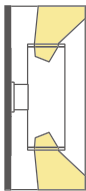
Example : EW1MD-72EL-1130WT



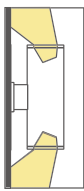
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish	
EW2S	S Single Directional	27	27(Max)	COB	2251	EL ON-OFF 220V AC Power Supply	1 16° 2 21° 3 33°	30 3000K 40 4000K	WT White BK Black
						DL 0-10V Dimming 220V AC Power Supply	A Away from the wall T Towards the wall		

Example : EW2SS-27EL-130WT

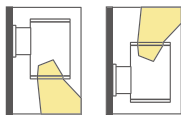
A Away from the wall



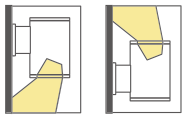
T Towards the wall

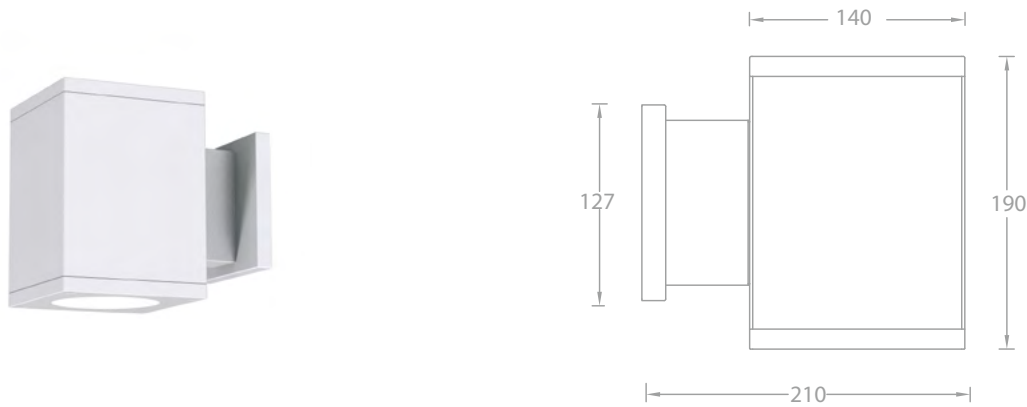


A Away from the wall



T Towards the wall





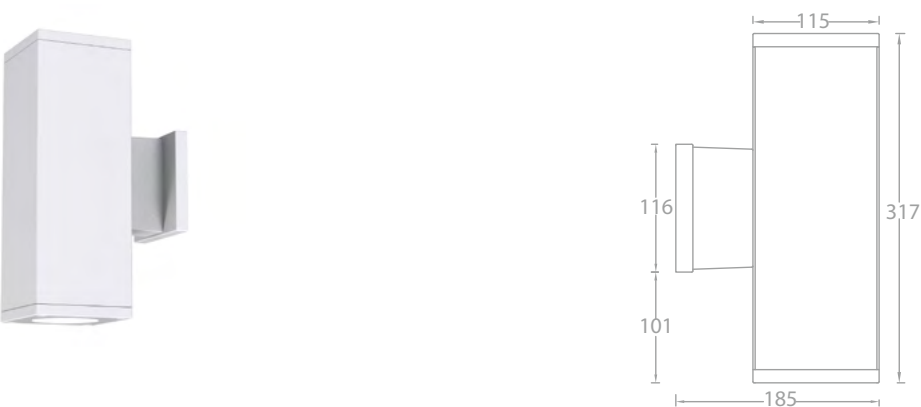
SLANA SQUARE Wall Singe Directional □ 140

- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 4751lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.7Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EW2M	S Single Directional	36	36(Max)	COB	2783	EL ON-OFF 220V AC Power Supply	1 16° 2 30° 4 40°	WT White BK Black
						DL 0-10V Dimming 220V AC Power Supply	A Away from the wall T Towards the wall	

Example : EW2MS-36EL-130WT



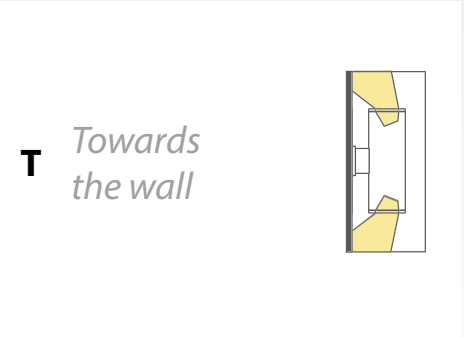
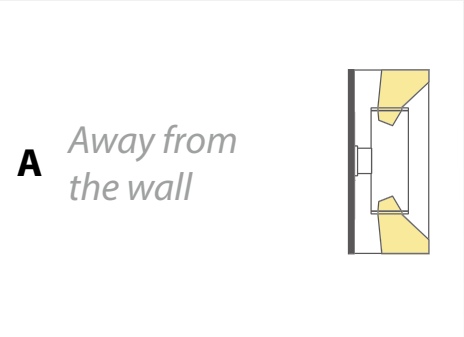
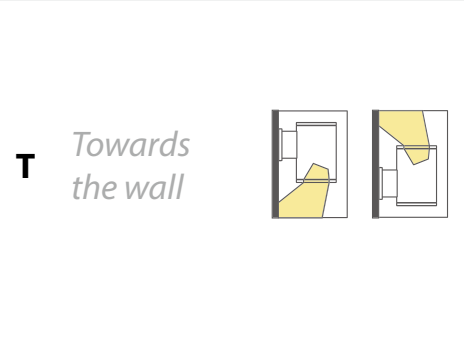
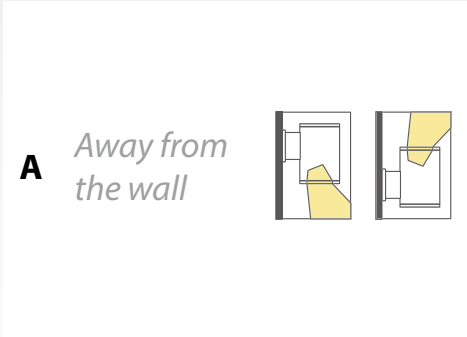
SLANA SQUARE Wall Double Directional □ 115

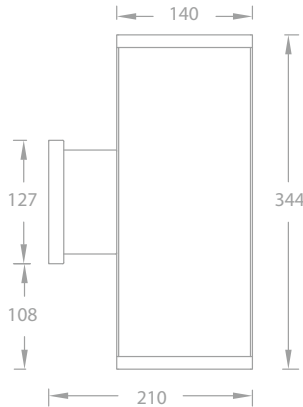
- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 5080lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 3.2Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam Up	Beam Down	CCT	Finish
EW2S	D Double Directional	54	27x2(Max)	COB	2251x2	EL ON-OFF 220V AC Power Supply	1 16° A Away from the wall	30 3000K 40 4000K	WT White BK Black
						DL 0-10V Dimming 220V AC Power Supply	T Towards the wall		

Example : EW2SD-54EL-1130WT





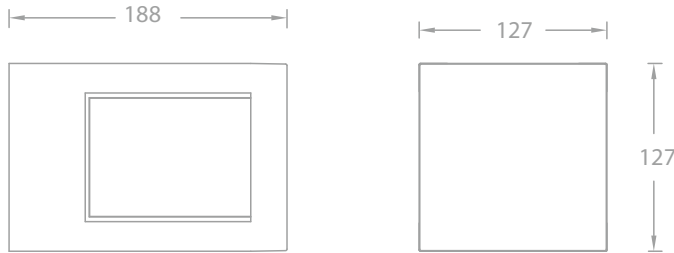
SLANA SQUARE Wall Double Directional □ 140

- Body material: Extruded aluminum housing and die-cast aluminum trim
 - Optical system: Unique high efficiency and low glare TIR Lens
 - Finish: Environmentally safe powder coat
- LED type: COB
 - LED CCT, lumen output: 3000K 9142lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80 / TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 4.9Kg



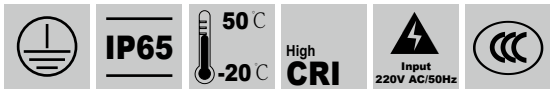
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam Up	Beam Down	CCT	Finish
EW2M	D Double Directional	72	36x2(Max)	COB 2783x2	EL ON-OFF 220V AC Power Supply DL 0-10V Dimming 220V AC Power Supply	1 16° A Away from the wall T Towards the wall	1 16° A Away from the wall T Towards the wall	30 3000K 40 4000K	WT BK White Black

Example : EW2MD-72EL-1130WT



TOWER

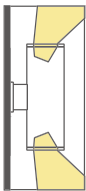
- Body material: Highly durable extruded aluminum
 - Optical system: Frosted tempered glass
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Stainless steel mounting base
- LED type: SMD
 - LED CCT, lumen output: 3000K 1248lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.3Kg



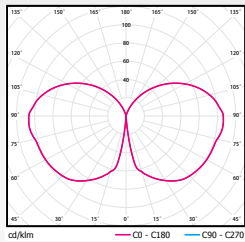
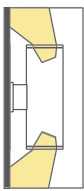
Model	Height (mm)	Power (W)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EWA602-10	188	10(Max)	570	EL ON-OFF 220V AC Power Supply	C Circle	D Optical Module D	27 2700K 30 3000K 40 4000K	BK BZ Black Bronze

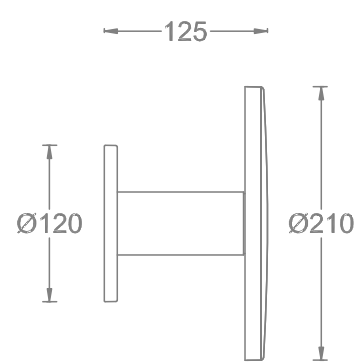
Example : EWA602-10EL-CD30BZ

A Away from the wall



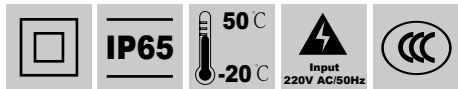
T Towards the wall





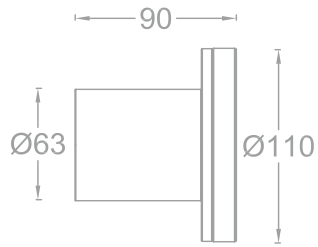
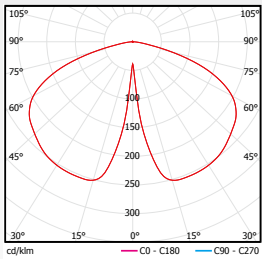
MUSHROOM

- Body material: Extruded aluminum profile, stainless steel base and die-cast aluminum trim
 - Optical system: PMMA Lens
 - Finish: Environmentally safe powder coat
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 658lm
 - CCT/CRI: 2700K/3000K/4000K, Ra>85
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 5 SDCM
 - Net weight: 1.7Kg



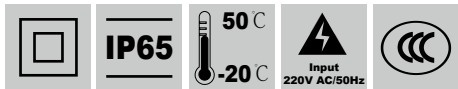
Model	Height (mm)	Power (W)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EWM102-08	125	8(Max)	527	EL ON-OFF 220V AC Power Supply	C Circle	C Optical Module C	27 2700K 30 3000K 40 4000K	BK Black

Example : EWM102-08EL-CC30BK



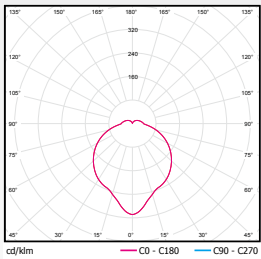
MUSHROOM Wall

- Body material: Extruded aluminum profile and stainless steel base
 - Optical system: PMMA Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-360° horizontal rotation
- LED type: SMD
 - LED CCT, lumen output: 3000K 694lm
 - CCT/CRI: 2700K/3000K/4000K, Ra>80
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 0.63Kg

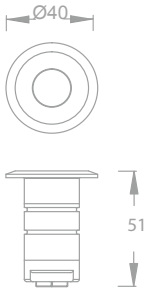


Model	Height (mm)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EWM202-05	90	60/20	352/291 (4000K)	EL ON-OFF 220V AC Power Supply MT DMX512 Dimming 24V DC Power Supply	C Circle	C Optical Module C	27 2700K 30 3000K 40 4000K	WT White BK Black BZ Bronze

Example : EWM202-05MT-CC40WT

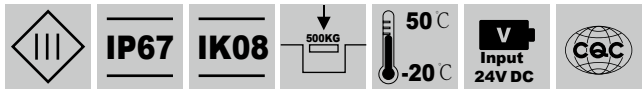


FUEGO COMPACT



UP Light Ø40 HP Super Comfort

- Body material: Solid stainless steel construction, PC recessed casing
- Optical system: Lens
- Accessories/Brackets: Recessed Casing
- LED type: High Power LED
- LED CCT, lumen output: 3000K 300lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 2700K/3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 0.175Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR9T	F Fixed	02 2(Max)	1	105	ET ON-OFF 24V DC Power Supply	2 25° 4 40° 5 50°	27 2700K 30 3000K 40 4000K	SS Stainless Steel

Example : EIR9TF-02ET-227SS

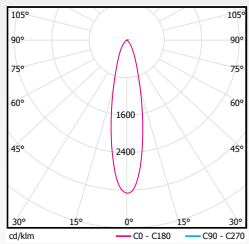
FUEGO COMPACT

With a compact design and height of just 110mm, the FUEGO COMPACT adjusts easily with projectable direction, improving efficiency on sites. Both High Lumen and Super Comfort In-Ground Luminaire models are available. FUEGO INDICATOR LED Lights provide soft, diffused lighting that can be used primarily in exterior walkways, terraces, decks and driveways. Ideal for navigating throughout landscape and ensuring superlative safety, security and visibility. The luminaires are factory-sealed to prevent any degradation or water leaks and constructed of stainless steel

Nanjing Cross River Victory Memorial Hall
Nanjing, Jiangsu Province

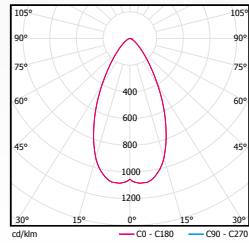
EIR9TF-02ET-230SS

0° Aiming Angle			
D(M)	LUX	W	L
1	365	0.4	0.4
2	91	0.8	0.8
3	41	1.3	1.3
4	23	1.7	1.7



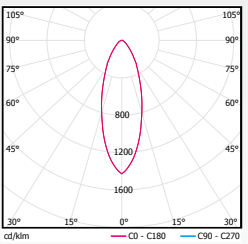
EIR9TF-02ET-530SS

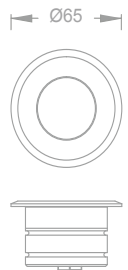
0° Aiming Angle			
D(M)	LUX	W	L
1	122	0.9	0.9
2	30	1.9	1.9
3	14	2.8	2.8
4	8	3.8	3.8



EIR9TF-02ET-430SS

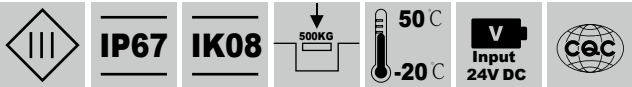
0° Aiming Angle			
D(M)	LUX	W	L
1	154	0.8	0.8
2	38	1.5	1.5
3	17	2.3	2.3
4	10	3.0	3.0





UP Light Ø65 HP Super Comfort

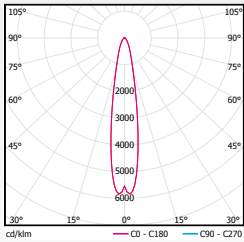
- Body material: Solid stainless steel construction, PC recessed casing
 - Optical system: Lens
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 600lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.4Kg



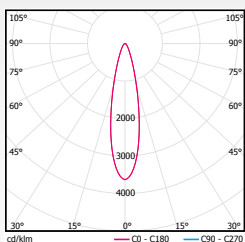
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR9N	F Fixed	04	4(Max)	1	241	ET ON-OFF 24V DC Power Supply	1 15° 2 25° 3 35° 5 50° 27 2700K 30 3000K 40 4000K	SS Stainless Steel

Example : EIR9NF-04ET-127SS

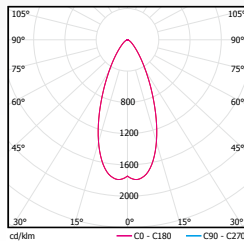
EIR9NF-04ET-130SS				
0° Aiming Angle				
D(M)	LUX	W	L	
1	1490	0.3	0.3	
2	373	0.5	0.5	
3	166	0.8	0.8	
4	93	1.0	1.0	



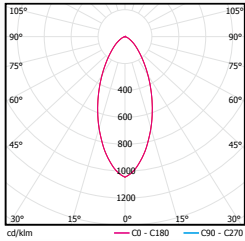
EIR9NF-04ET-230SS				
0° Aiming Angle				
D(M)	LUX	W	L	
1	897	0.4	0.4	
2	224	0.8	0.8	
3	100	1.3	1.3	
4	56	1.7	1.7	



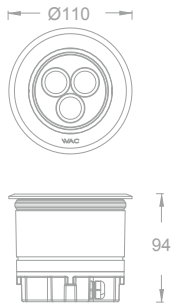
EIR9NF-04ET-330SS				
0° Aiming Angle				
D(M)	LUX	W	L	
1	433	0.7	0.7	
2	108	1.4	1.4	
3	48	2.0	2.0	
4	27	2.7	2.7	



EIR9NF-04ET-530SS				
0° Aiming Angle				
D(M)	LUX	W	L	
1	242	1.0	1.0	
2	60	1.9	1.9	
3	27	2.9	2.9	
4	15	3.9	3.9	



Accessories			
Available For	Picture	Drawing	Model
EIR9TF			EIR9TF-RC001
EIR9NF			EIR9NF-RC001



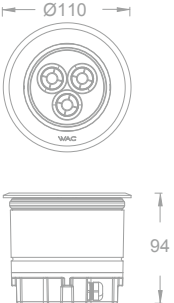
UP Light Ø110 HP High Lumens

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 660lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.7Kg



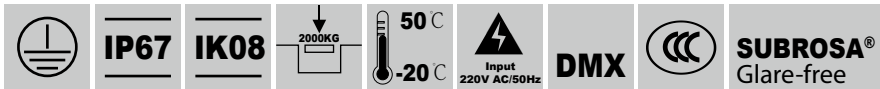
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR5T	F Fixed	06	6(Max)	455	EL ON-OFF 220V AC Power Supply	S 6°	27 2700K 30 3000K 40 4000K	SS Stainless Steel
		05	5(Max)	380	ML DMX512 Dimming 220V AC Power Supply	1 13° 2 20° 3 30°		

Example : EIR5TF-06EL-127SS



UP Light Ø110 HP Super Comfort

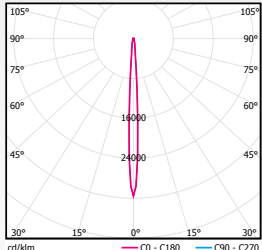
- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 660lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.7Kg



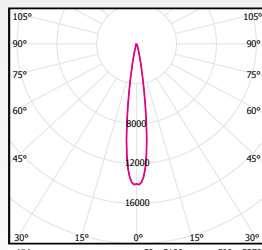
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR6T	F Fixed	06	6(Max)	349	EL ON-OFF 220V AC Power Supply	S 6°	27 2700K 30 3000K 40 4000K	SS Stainless Steel
		05	5(Max)	291	ML DMX512 Dimming 220V AC Power Supply	1 13° 2 20° 3 30°		

Example : EIR6TF-06EL-127SS

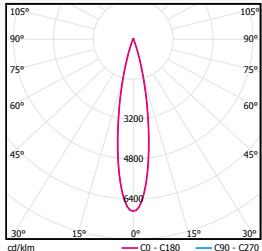
EIR5TF-06EL-S30SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	14250	0.1	0.1	
2	3563	0.2	0.2	
3	1583	0.3	0.3	
4	891	0.4	0.4	



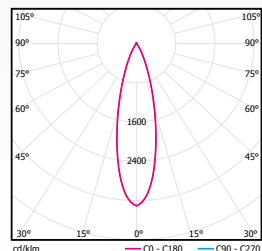
EIR5TF-06EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	6613	0.2	0.2	
2	1653	0.5	0.5	
3	735	0.7	0.7	
4	413	0.9	0.9	



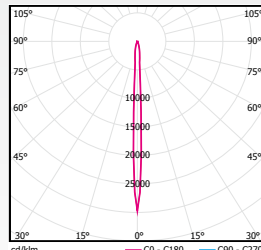
EIR5TF-06EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	3035	0.4	0.4	
2	759	0.7	0.7	
3	337	1.1	1.1	
4	190	1.4	1.4	



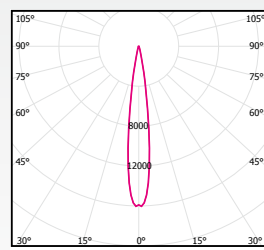
EIR5TF-06EL-330SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1429	0.5	0.5	
2	357	1.0	1.0	
3	159	1.5	1.5	
4	89	2.1	2.1	



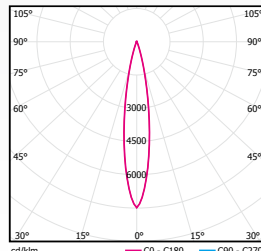
EIR6TF-06EL-S30SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	10983	0.1	0.1	
2	2746	0.2	0.2	
3	1220	0.3	0.3	
4	686	0.4	0.4	



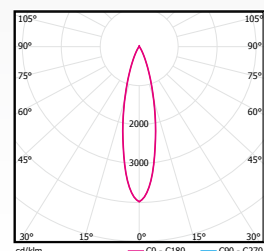
EIR6TF-06EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	4518	0.2	0.2	
2	1130	0.4	0.4	
3	502	0.7	0.7	
4	282	0.9	0.9	

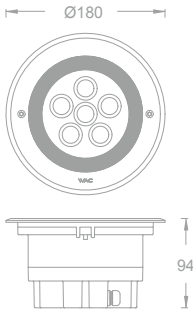


EIR6TF-06EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2118	0.3	0.3	
2	530	0.7	0.7	
3	235	1.0	1.0	
4	132	1.3	1.3	



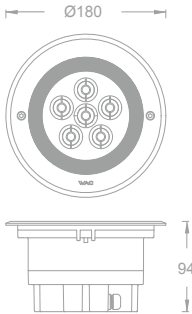
EIR6TF-06EL-330SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1185	0.5	0.5	
2	296	0.9	0.9	
3	132	1.4	1.4	
4	74	1.8	1.8	





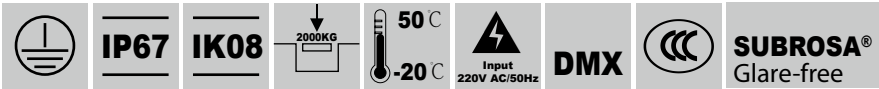
UP Light Ø180 HP High Lumens

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 930lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1.7Kg



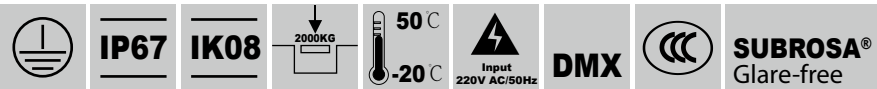
UP Light Ø180 HP Super Comfort

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 1105lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1.7Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR5N	F Frame	13	13(Max)	6	877	5 1 2 3	27 2700K 30 3000K 40 4000K	SS Stainless Steel
		09	9(Max)	6	607			
					EL ON-OFF 220V AC Power Supply			
					ML DMX512 Dimming 220V AC Power Supply			

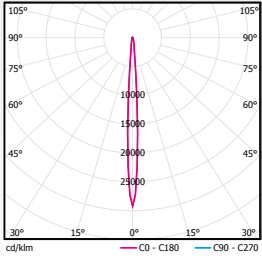
Example : EIR5NF-13EL-S275S



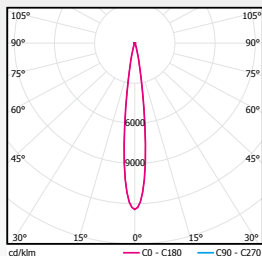
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR6N	F Frame	13	13(Max)	6	663	5 1 2 3	27 2700K 30 3000K 40 4000K	SS Stainless Steel
		09	9(Max)	6	459			
					EL ON-OFF 220V AC Power Supply			
					ML DMX512 Dimming 220V AC Power Supply			

Example : EIR6NF-13EL-S275S

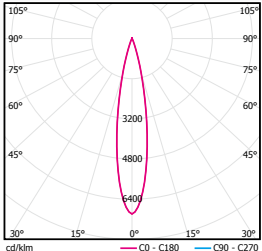
EIR5NF-13EL-S30SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	25258	0.1	0.1	
2	6315	0.2	0.2	
3	2806	0.4	0.4	
4	1579	0.5	0.5	



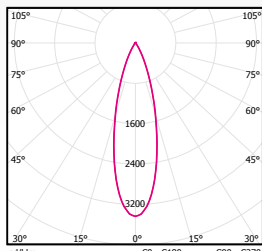
EIR5NF-13EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	10884	0.2	0.2	
2	2721	0.5	0.5	
3	1209	0.7	0.7	
4	680	1.0	1.0	



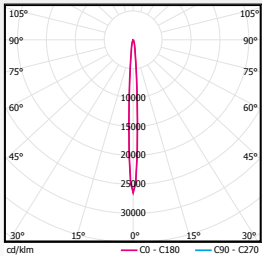
EIR5NF-13EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	6151	0.4	0.4	
2	1538	0.7	0.7	
3	683	1.1	1.1	
4	384	1.4	1.4	



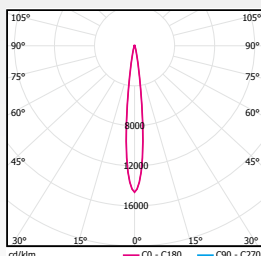
EIR5NF-13EL-330SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2892	0.5	0.5	
2	723	1.1	1.1	
3	321	1.6	1.6	
4	181	2.1	2.1	



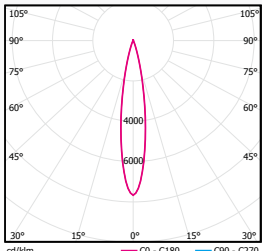
EIR6NF-13EL-S30SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	17514	0.1	0.1	
2	4379	0.2	0.2	
3	1946	0.4	0.4	
4	1095	0.5	0.5	



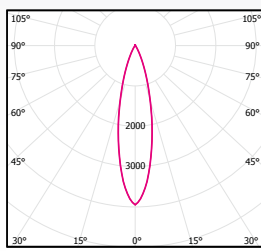
EIR6NF-13EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	7610	0.2	0.2	
2	1903	0.5	0.5	
3	846	0.7	0.7	
4	476	0.9	0.9	

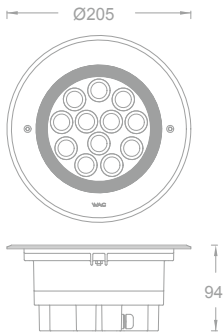


EIR6NF-13EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	3990	0.4	0.4	
2	998	0.7	0.7	
3	443	1.1	1.1	
4	249	1.4	1.4	



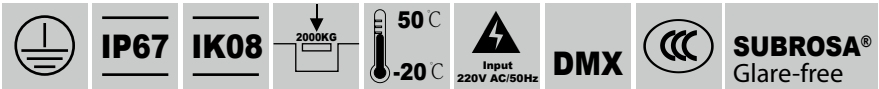
EIR6NF-13EL-330SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1975	0.5	0.5	
2	494	1.1	1.1	
3	219	1.6	1.6	
4	123	2.1	2.1	





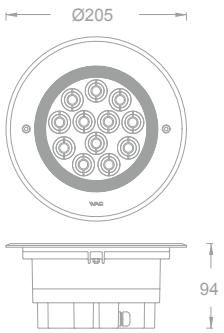
UP Light Ø205 HP High Lumens

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 1800lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 2.45Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR5S	F Frame	21	21(Max)	12	1503	5 1 7° 2 14° 3 20° 3 30°	27 30 2700K 40 3000K 40 4000K	SS Stainless Steel
		19	19(Max)	112	1360			

Example : EIR5SF-21EL-S27SS



UP Light Ø205 HP Super Comfort

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 1800lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 2.45Kg



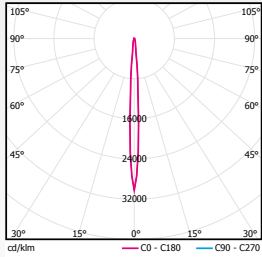
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR6S	F Frame	21	21(Max)	12	1044	5 1 7° 2 13° 3 20° 3 30°	27 30 2700K 40 3000K 40 4000K	SS Stainless Steel
		19	19(Max)	12	945			

Example : EIR6SF-21EL-S27SS

EIR5SF-21EL-S30SS

0° Aiming Angle

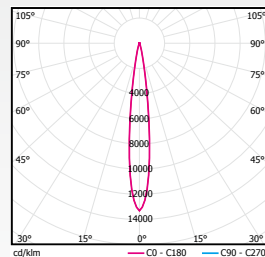
D(m)	LUX	W	L
1	40606	0.1	0.1
2	10152	0.2	0.2
3	4512	0.4	0.4
4	2538	0.5	0.5



EIR5SF-21EL-130SS

0° Aiming Angle

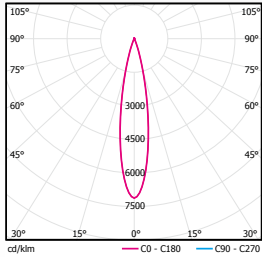
D(m)	LUX	W	L
1	20133	0.2	0.2
2	5033	0.5	0.5
3	2237	0.7	0.7
4	1258	1.0	1.0



EIR5SF-21EL-230SS

0° Aiming Angle

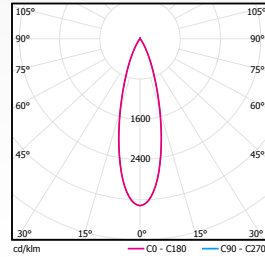
D(m)	LUX	W	L
1	10589	0.4	0.4
2	2647	0.7	0.7
3	1177	1.1	1.1
4	662	1.4	1.4



EIR5SF-21EL-330SS

0° Aiming Angle

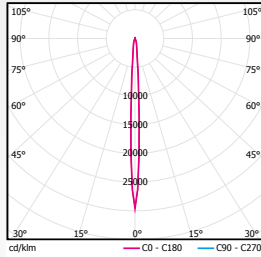
D(m)	LUX	W	L
1	4660	0.5	0.5
2	1165	1.1	1.1
3	518	1.6	1.6
4	291	2.1	2.1



EIR6SF-21EL-S30SS

0° Aiming Angle

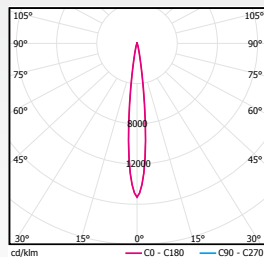
D(m)	LUX	W	L
1	30897	0.1	0.1
2	7724	0.2	0.2
3	3433	0.4	0.4
4	1931	0.5	0.5



EIR6SF-21EL-130SS

0° Aiming Angle

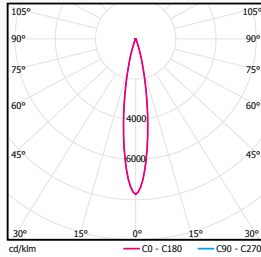
D(m)	LUX	W	L
1	12334	0.2	0.2
2	3084	0.5	0.5
3	1370	0.7	0.7
4	771	0.9	0.9



EIR6SF-21EL-230SS

0° Aiming Angle

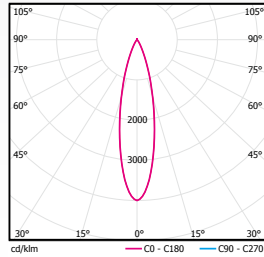
D(m)	LUX	W	L
1	6557	0.4	0.4
2	1639	0.7	0.7
3	729	1.1	1.1
4	410	1.4	1.4

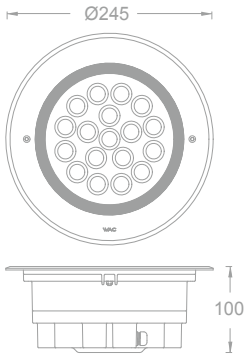


EIR6SF-21EL-330SS

0° Aiming Angle

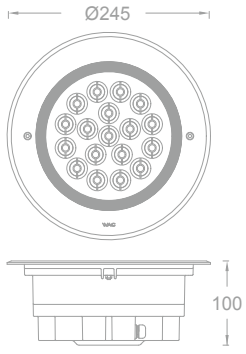
D(m)	LUX	W	L
1	3390	0.5	0.5
2	848	1.1	1.1
3	377	1.6	1.6
4	212	2.1	2.1





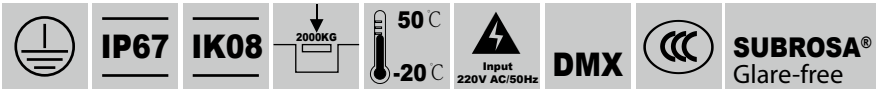
UP Light Ø245 HP High Lumens

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 2800lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 3.53Kg



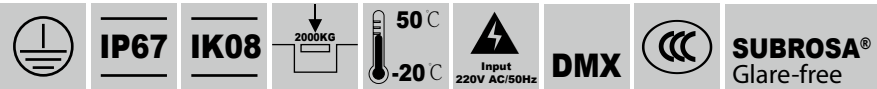
UP Light Ø245 HP Super Comfort

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 2800lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 3.53Kg



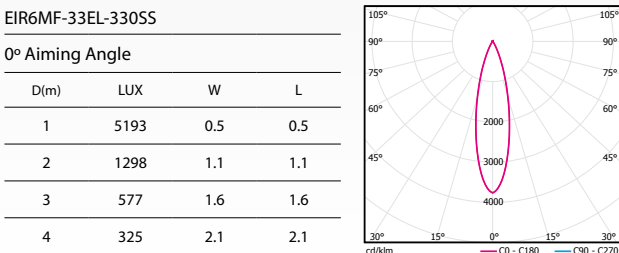
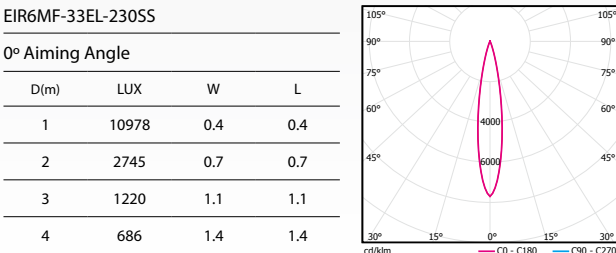
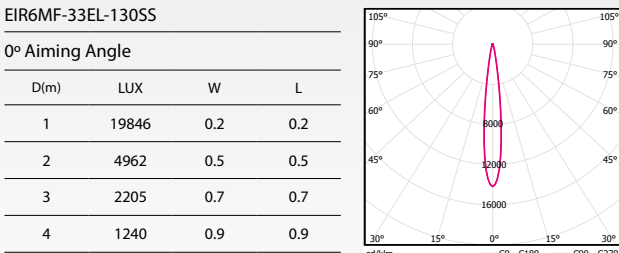
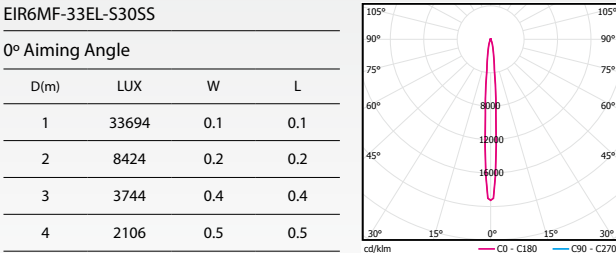
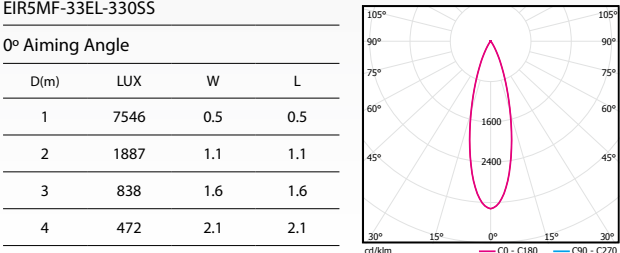
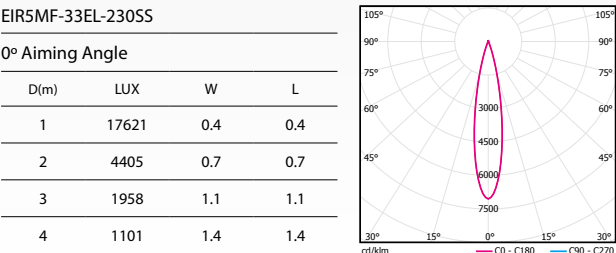
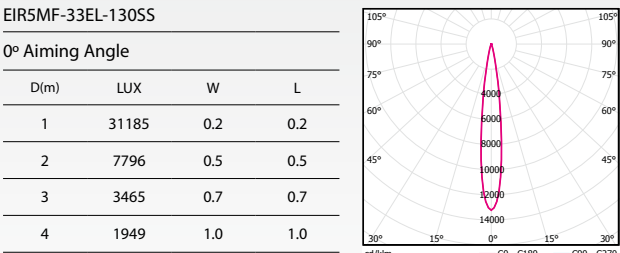
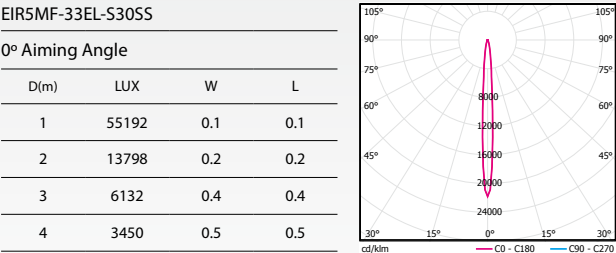
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR5M	F Frame	33	33(Max)	18	2500	EL	ON-OFF 220V AC Power Supply	SS Stainless Steel
		27	27(Max)	18	2045	ML	DMXS12 Dimming 220V AC Power Supply	

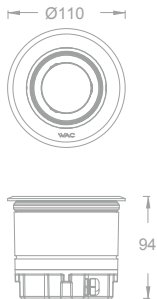
Example : EIR5MF-33EL-S27SS



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR6M	F Frame	33	33(Max)	18	1607	EL	ON-OFF 220V AC Power Supply	SS Stainless Steel
		27	27(Max)	18	1315	ML	DMXS12 Dimming 220V AC Power Supply	

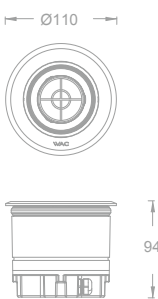
Example : EIR6MF-33EL-S27SS





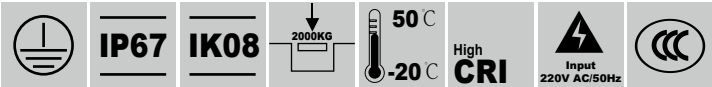
UP Light Ø110 COB High Lumens

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: COB
 - LED CCT, lumen output: 3000K 950lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 0.8Kg



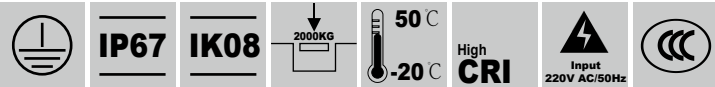
UP Light Ø110 COB Super Comfort

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: COB
 - LED CCT, lumen output: 3000K 950lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 0.8Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR7T	F Fixed	08 8.5(Max)	COB	885	EL ON-OFF 220V AC Power Supply	1 17°	27 2700K 30 3000K 40 4000K	SS Stainless Steel
						2 29°		
						4 49°		
						6 62°		

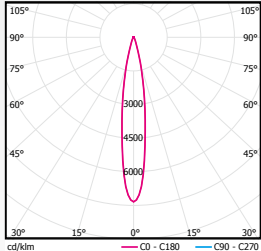
Example : EIR7TF-08EL-127SS



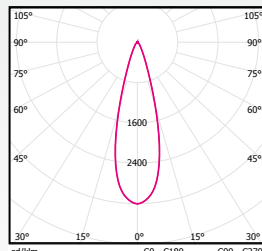
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR8T	F Fixed	08 8.5(Max)	COB	446	EL ON-OFF 220V AC Power Supply	1 17°	27 2700K 30 3000K 40 4000K	SS Stainless Steel
						2 26°		
						4 40°		
						6 60°		

Example : EIR8TF-08EL-127SS

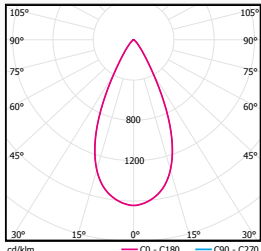
EIR7TF-08EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	5666	0.3	0.3	
2	1417	0.6	0.6	
3	630	0.9	0.9	
4	354	1.2	1.2	



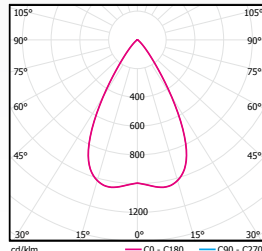
EIR7TF-08EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2519	0.5	0.5	
2	630	1.1	1.1	
3	280	1.6	1.6	
4	157	2.1	2.1	



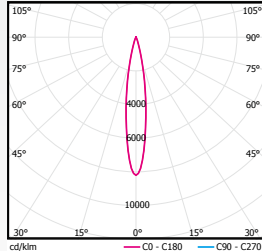
EIR7TF-08EL-430SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1341	0.9	0.9	
2	335	1.7	1.7	
3	149	2.6	2.6	
4	84	3.4	3.4	



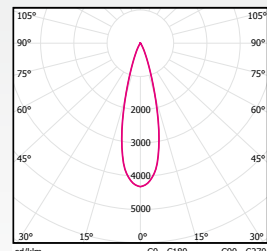
EIR7TF-08EL-630SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	927	1.2	1.2	
2	232	2.4	2.4	
3	103	3.6	3.6	
4	58	4.9	4.9	



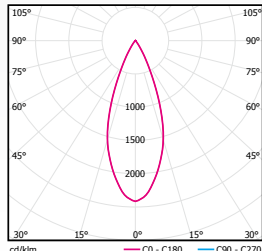
EIR8TF-08EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	3589	0.3	0.3	
2	897	0.6	0.6	
3	399	0.9	0.9	
4	224	1.2	1.2	



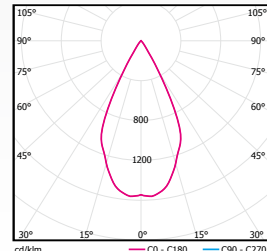
EIR8TF-08EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1884	0.5	0.5	
2	471	0.9	0.9	
3	209	1.4	1.4	
4	118	1.9	1.9	

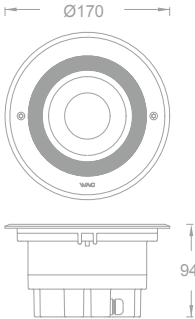


EIR8TF-08EL-430SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1008	0.7	0.7	
2	252	1.4	1.4	
3	112	2.1	2.1	
4	63	2.8	2.8	



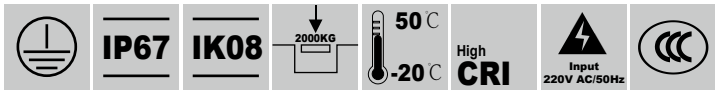
EIR8TF-08EL-630SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	701	1.1	1.1	
2	175	2.2	2.2	
3	78	3.4	3.4	
4	44	4.5	4.5	





UP Light Ø180 COB High Lumens

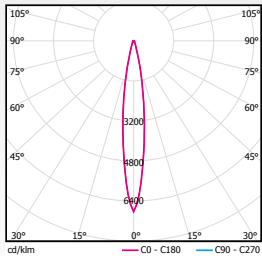
- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: COB
 - LED CCT, lumen output: 3000K 1430lm
 - LED lifetime: >50000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.6Kg



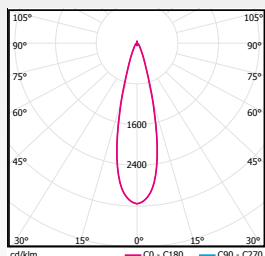
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR7N	F Frame	13 13(Max)	COB	1080	EL ON-OFF 220V AC Power Supply	1 17°	27 2700K 30 3000K 40 4000K	SS Stainless Steel
						2 29°		
						4 49°		
						6 62°		

Example : EIR7NF-13EL-127SS

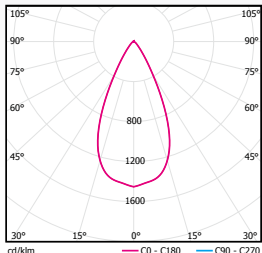
EIR7NF-13EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	6408	0.3	0.3	
2	1602	0.6	0.6	
3	712	0.9	0.9	
4	401	1.2	1.2	



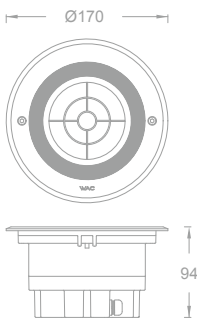
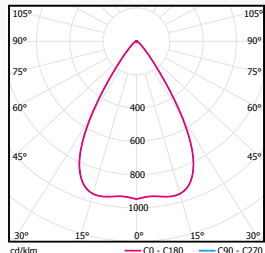
EIR7NF-13EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	3000	0.5	0.5	
2	750	1.0	1.0	
3	333	1.6	1.6	
4	188	2.1	2.1	



EIR7NF-13EL-430SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1493	0.9	0.9	
2	373	1.8	1.8	
3	166	2.7	2.7	
4	93	3.6	3.6	

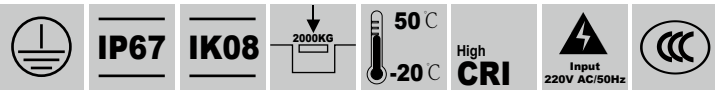


EIR7NF-13EL-630SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1099	1.2	1.2	
2	275	2.4	2.4	
3	122	3.6	3.6	
4	69	4.8	4.8	



UP Light Ø180 COB Super Comfort

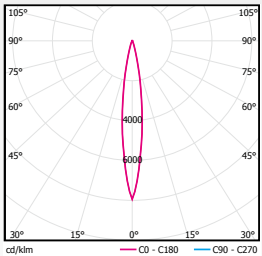
- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: COB
 - LED CCT, lumen output: 3000K 1430lm
 - LED lifetime: >50000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.6Kg



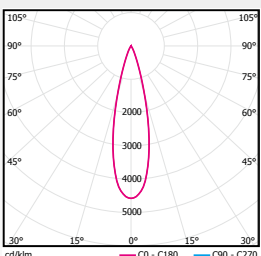
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR8N	F Frame	13 13(Max)	COB	537	EL ON-OFF 220V AC Power Supply	1 17°	27 2700K 30 3000K 40 4000K	SS Stainless Steel
						2 26°		
						4 41°		
						6 60°		

Example : EIR8NF-13EL-127SS

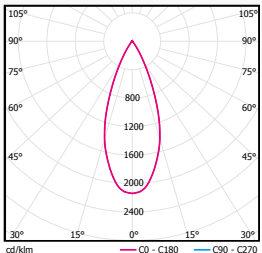
EIR8NF-13EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	4147	0.3	0.3	
2	1037	0.6	0.6	
3	461	0.9	0.9	
4	259	1.2	1.2	



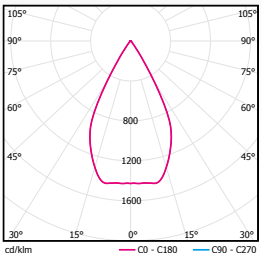
EIR8NF-13EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2380	0.5	0.5	
2	595	0.9	0.9	
3	264	1.4	1.4	
4	149	1.8	1.8	

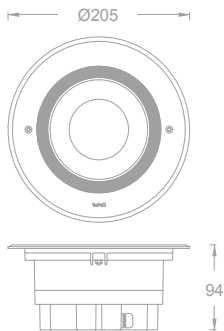


EIR8NF-13EL-430SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1071	0.7	0.7	
2	268	1.5	1.5	
3	119	2.2	2.2	
4	67	3.0	3.0	



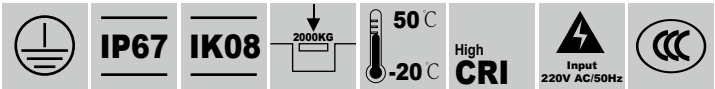
EIR8NF-13EL-630SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	777	1.2	1.2	
2	194	2.3	2.3	
3	86	3.5	3.5	
4	49	4.6	4.6	





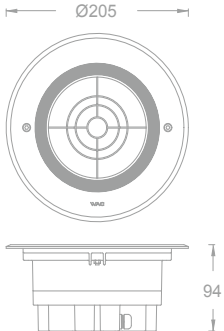
UP Light Ø205 COB High Lumens

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: COB
 - LED CCT, lumen output: 3000K 2310lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.4Kg



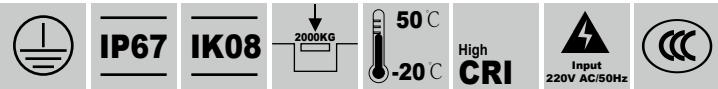
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR7S	F Frame	21 21(Max)	COB	2030	EL ON-OFF 220V AC Power Supply	2 22°	27 2700K 30 3000K 40 4000K	SS Stainless Steel
						4 45°		
						5 53°		
						6 63°		

Example : EIR7SF-21EL-227SS



UP Light Ø205 COB Super Comfort

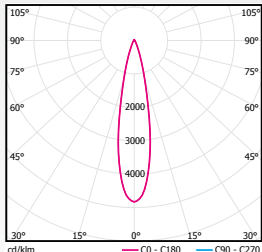
- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: COB
 - LED CCT, lumen output: 3000K 2310lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.4Kg



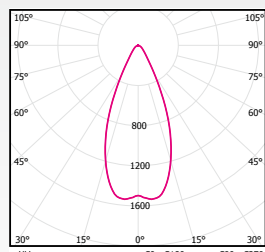
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR8S	F Frame	21 21(Max)	COB	1192	EL ON-OFF 220V AC Power Supply	2 21°	27 2700K 30 3000K 40 4000K	SS Stainless Steel
						4 40°		
						5 50°		
						6 60°		

Example : EIR8SF-21EL-227SS

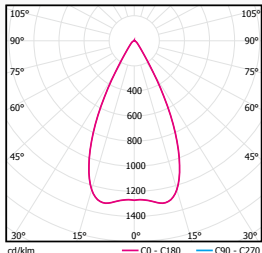
EIR7SF-21EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	9534	0.4	0.4	
2	2384	0.8	0.8	
3	1059	1.2	1.2	
4	596	1.6	1.6	



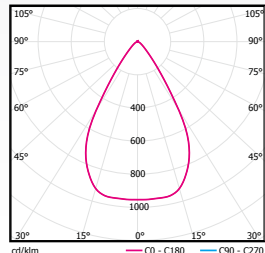
EIR7SF-21EL-430SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2935	0.8	0.8	
2	734	1.7	1.7	
3	326	2.5	2.5	
4	183	3.3	3.3	



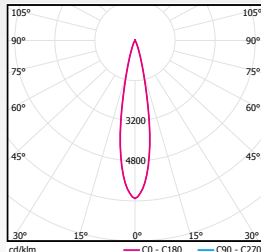
EIR7SF-21EL-530SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2790	1.0	1.0	
2	698	2.0	2.0	
3	310	3.0	3.0	
4	174	4.0	4.0	



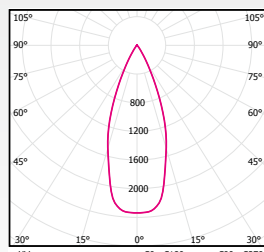
EIR7SF-21EL-630SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1931	1.2	1.2	
2	483	2.5	2.5	
3	215	3.7	3.7	
4	121	4.9	4.9	



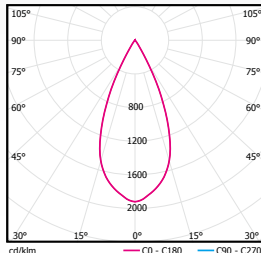
EIR8SF-21EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	7523	0.4	0.4	
2	1881	0.7	0.7	
3	836	1.1	1.1	
4	470	1.5	1.5	



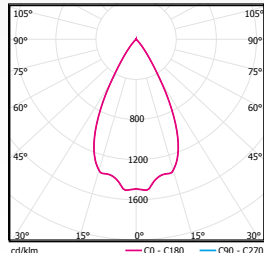
EIR8SF-21EL-430SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2419	0.7	0.7	
2	605	1.5	1.5	
3	269	2.2	2.2	
4	151	2.9	2.9	

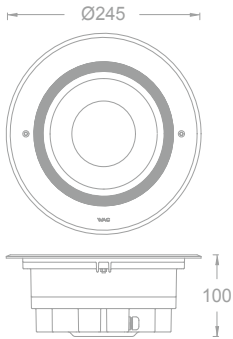


EIR8SF-21EL-530SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2303	0.9	0.9	
2	576	1.9	1.9	
3	256	2.8	2.8	
4	144	3.7	3.7	



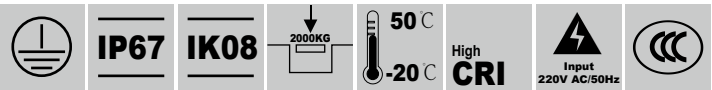
EIR8SF-21EL-630SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1569	1.2	1.2	
2	392	2.3	2.3	
3	174	3.5	3.5	
4	98	4.6	4.6	





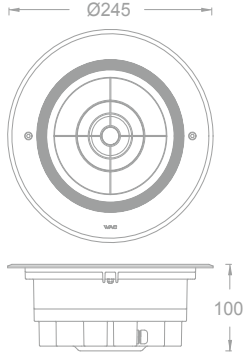
UP Light Ø245 COB_{High Lumens}

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: COB
 - LED CCT, lumen output: 3000K 3410lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 3.4Kg



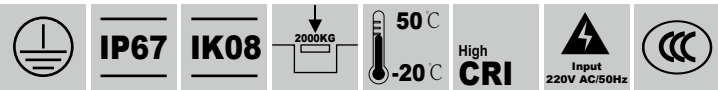
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR7M	F Frame	31	31 (Max)	COB	2970	EL ON-OFF 220V AC Power Supply	1 14° 2 23° 3 36° 6 62° 27 2700K 30 3000K 40 4000K	SS Stainless Steel

Example : EIR7MF-31EL-127SS



UP Light Ø245 COB_{Super Comfort}

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: COB
 - LED CCT, lumen output: 3000K 3410lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 3.4Kg



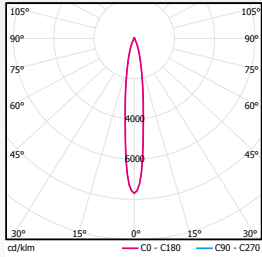
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR8M	F Frame	31	31 (Max)	COB	1570	EL ON-OFF 220V AC Power Supply	1 13° 2 20° 3 31° 6 60° 27 2700K 30 3000K 40 4000K	SS Stainless Steel

Example : EIR8MF-31EL-127SS

EIR7MF-31EL-130SS

0° Aiming Angle

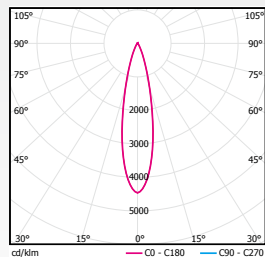
D(m)	LUX	W	L
1	22748	0.2	0.2
2	5687	0.5	0.5
3	2528	0.7	0.7
4	1422	1.0	1.0



EIR7MF-31EL-230SS

0° Aiming Angle

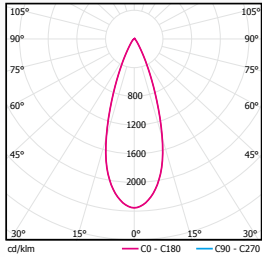
D(m)	LUX	W	L
1	13090	0.4	0.4
2	3273	0.8	0.8
3	1454	1.2	1.2
4	818	1.6	1.6



EIR7MF-31EL-330SS

0° Aiming Angle

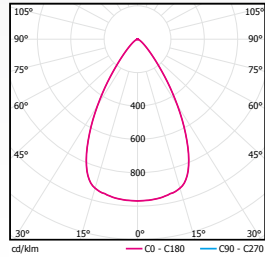
D(m)	LUX	W	L
1	6840	0.6	0.6
2	1710	1.3	1.3
3	760	1.9	1.9
4	428	2.6	2.6



EIR7MF-31EL-630SS

0° Aiming Angle

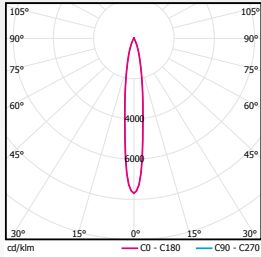
D(m)	LUX	W	L
1	2886	1.2	1.2
2	722	2.4	2.4
3	321	3.6	3.6
4	180	4.8	4.8



EIR8MF-31EL-130SS

0° Aiming Angle

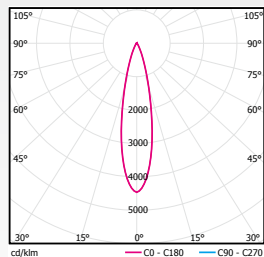
D(m)	LUX	W	L
1	15923	0.2	0.2
2	3981	0.5	0.5
3	1770	0.7	0.7
4	995	1.0	1.0



EIR8MF-31EL-230SS

0° Aiming Angle

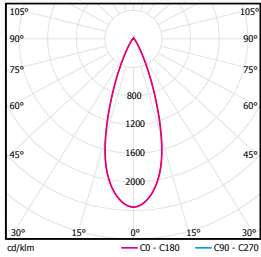
D(m)	LUX	W	L
1	9163	0.4	0.4
2	2291	0.8	0.8
3	1018	1.2	1.2
4	573	1.6	1.6



EIR8MF-31EL-330SS

0° Aiming Angle

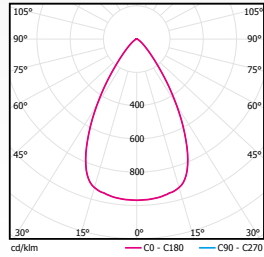
D(m)	LUX	W	L
1	4788	0.6	0.6
2	1177	1.3	1.3
3	532	1.9	1.9
4	300	2.6	2.6

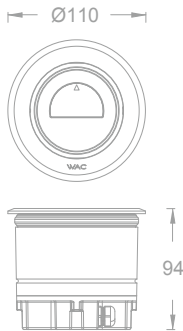


EIR8MF-31EL-630SS

0° Aiming Angle

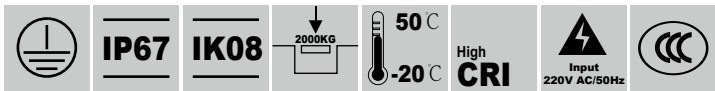
D(m)	LUX	W	L
1	2020	1.2	1.2
2	503	2.4	2.4
3	225	3.6	3.6
4	126	4.8	4.8





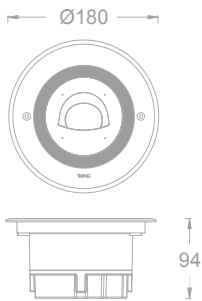
Wall Washer Ø110 COB

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type:COB
 - LED CCT, lumen output: 3000K 880lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 0.8Kg



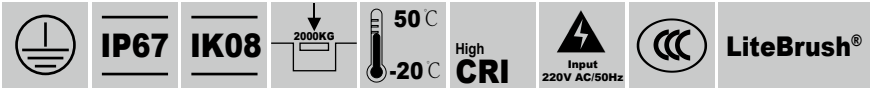
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR7T	F Fixed	08 8.5(Max)	COB	407	EL ON-OFF 220V AC Power Supply	W Wall Washer	27 2700K 30 3000K 40 4000K	SS Stainless Steel

Example : EIR7TF-08EL-W27SS



Wall Washer Ø180 COB

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Litebrush®optical system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type:High Power LED
 - LED CCT, lumen output: 3000K 880lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.7Kg

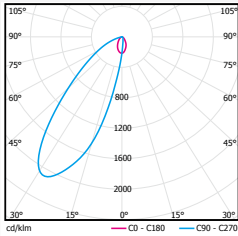


Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR7N	F Frame	08 08(Max)	COB	211	EL ON-OFF 220V AC Power Supply	W Wall Washer	27 2700K 30 3000K 40 4000K	SS Stainless Steel

Example : EIR7NF-08EL-W27SS

Simulated data (EIR7TF-08EL-W30SS)

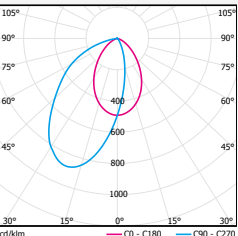
Specifications:
Wall height (m): 3
Offset from wall (m): 0.6
Luminaire spacing (m): 0.4



(m)	0.125	0.375	0.625	0.875	1.125	1.375	1.625	1.875	2.125
2.125	27	33	39	40	43	40	36	33	24
1.875	36	44	55	55	60	56	49	45	30
1.625	53	66	84	83	91	85	74	69	43
1.375	80	103	130	130	144	135	118	112	63
1.125	124	163	202	202	228	214	184	183	93
0.875	186	249	296	296	354	326	268	293	128
0.625	184	247	285	285	370	330	263	314	112
0.375	97	130	142	142	192	164	132	161	52
0.125	2.32	3.14	3.25	3.05	3.36	3.61	3.14	2.97	2.57

Simulated data (EIR7NF-08EL-W30SS)

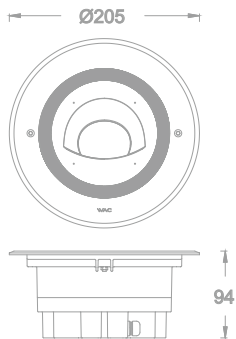
Specifications:
Wall height (m): 3
Offset from wall (m): 0.6
Luminaire spacing (m): 0.6



H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.85	25	26	27	27	25
2.55	23	25	26	25	24
2.25	26	29	30	29	27
1.95	33	38	39	38	34
1.65	44	50	52	51	45
1.35	65	77	80	77	67
1.05	95	112	116	113	104
0.75	143	165	171	165	147
0.45	169	184	195	184	171
0.15	70	66	75	65	70

Specifications:
Wall height (m): 3
Offset from wall (m): 1
Luminaire spacing (m): 1

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.85	32	33	35	35	32
2.55	29	31	32	31	30
2.25	31	34	35	34	32
1.95	36	41	42	41	37
1.65	43	49	50	49	44
1.35	51	60	62	60	52
1.05	63	74	77	75	69
0.75	82	94	97	94	84
0.45	88	96	101	96	89
0.15	35	33	38	33	35

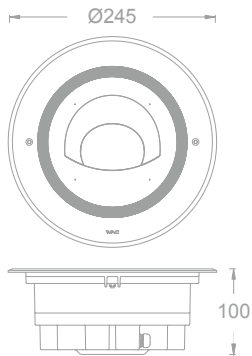


Wall Washer Ø205 COB

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Litebrush®optical system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: COB
 - LED CCT, lumen output: 3000K 1430lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.1Kg

Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish	
EIR7S	F Frame	18	18(Max)	COB	920	EL ON-OFF 220V AC Power Supply	W Wall Washer	27 2700K 30 3000K 40 4000K	SS Stainless Steel

Example : EIR7SF-18EL-W27SS



Wall Washer Ø245 COB

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Litebrush®optical system
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed Casing
- LED type: COB
 - LED CCT, lumen output: 3000K 1980lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.76Kg

Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR7M	F Frame	22 22(Max)	COB	1051	EL ON-OFF 220V AC Power Supply	W Wall Washer	27 2700K 30 3000K 40 4000K	SS Stainless Steel

Example : EIR7MF-22EL-W27SS

Simulated data (EIR7SF-18EL-W30SS)

Specifications :

Wall height (m): 4.5

Offset from wall (m): 1

Luminaire spacing (m): 1

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.275	57	61	61	60	55
3.825	55	60	60	59	52
3.375	65	72	73	71	61
2.925	84	96	97	93	79
2.475	113	132	136	127	107
2.025	158	186	194	179	149
1.575	222	263	268	256	208
1.125	273	324	318	317	257
0.675	212	255	245	252	198
0.225	112	112	119	109	106

Specifications :

Wall height (m): 4.5

Offset from wall (m): 1.5

Luminaire spacing (m): 1.5

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.275	73	78	78	77	70
3.825	68	75	75	73	65
3.375	77	85	86	84	72
2.925	91	104	105	100	85
2.475	110	128	132	123	104
2.025	123	145	151	140	116
1.575	147	174	177	169	137
1.125	156	185	181	181	146
0.675	110	133	127	131	103
0.225	56	56	60	55	53

Simulated data (EIR7MF-22EL-W30SS)

Specifications :

Wall height (m): 6

Offset from wall (m): 1.5

Luminaire spacing (m):1.5

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
5.7	57	60	61	60	57
5.1	55	59	60	59	55
4.5	65	71	73	71	65
3.9	84	93	97	93	84
3.3	113	127	136	127	113
2.7	158	179	194	179	158
2.1	222	256	268	256	222
1.5	273	317	318	317	273
0.9	212	252	245	252	212
0.3	112	109	119	109	112

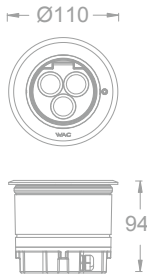
Specifications :

Wall height (m): 6

Offset from wall (m): 2

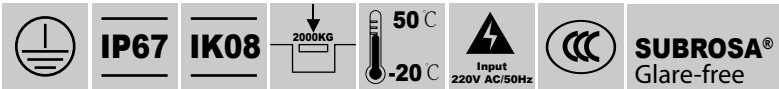
Luminaire spacing (m): 2

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
5.7	73	77	78	77	73
5.1	68	73	75	73	68
4.5	77	84	86	84	77
3.9	91	100	105	100	91
3.3	110	123	132	123	110
2.7	123	140	151	140	123
2.1	147	169	177	169	147
1.5	156	181	181	181	156
0.9	110	131	127	131	110
0.3	56	55	60	55	56



Adjustable Ø110 HP High Lumens

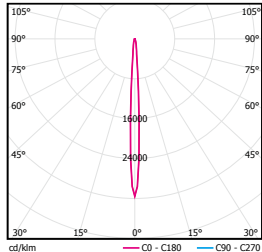
- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-360° horizontal rotation and 0°-20° vertical aiming tilt
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 660lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.8Kg



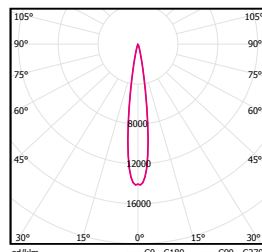
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIRST	A Adjustable	06	6(Max)	3	455	EL ON-OFF 220V AC Power Supply	S 6° 1 13° 2 20° 3 30° 27 2700K 30 3000K 40 4000K	SS Stainless Steel

Example : EIRSTA-06EL-127SS

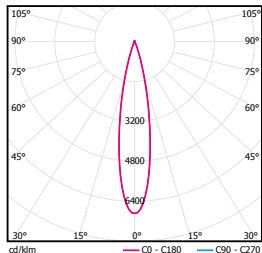
EIRSTA-06EL-S30SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	14250	0.1	0.1	
2	3563	0.2	0.2	
3	1583	0.3	0.3	
4	891	0.4	0.4	



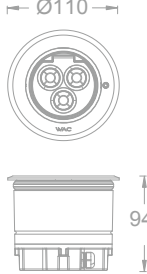
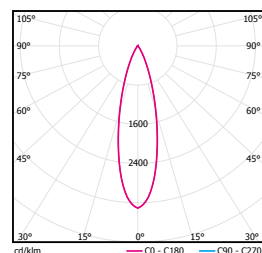
EIRSTA-06EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	6613	0.2	0.2	
2	1653	0.5	0.5	
3	735	0.7	0.7	
4	413	0.9	0.9	



EIRSTA-06EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	3035	0.4	0.4	
2	759	0.7	0.7	
3	337	1.1	1.1	
4	190	1.4	1.4	

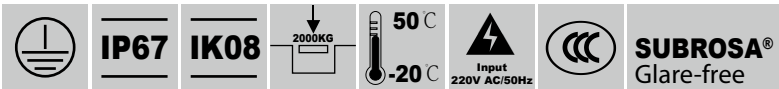


EIRSTA-06EL-330SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1429	0.5	0.5	
2	357	1.0	1.0	
3	159	1.5	1.5	
4	89	2.1	2.1	



Adjustable Ø110 HP Super Comfort

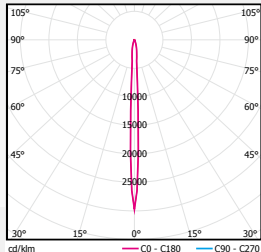
- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-360° horizontal rotation and 0°-20° vertical aiming tilt
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 660lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.8Kg



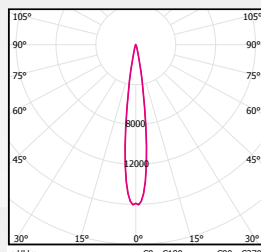
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR6T	A Adjustable	06	6(Max)	3	349	EL ON-OFF 220V AC Power Supply	S 6° 1 13° 2 20° 3 30° 27 2700K 30 3000K 40 4000K	SS Stainless Steel

Example :EIR6TA-06EL-127SS

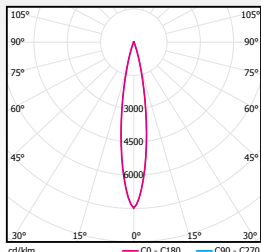
EIR6TA-06EL-S30SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	10983	0.1	0.1	
2	2746	0.2	0.2	
3	1220	0.3	0.3	
4	686	0.4	0.4	



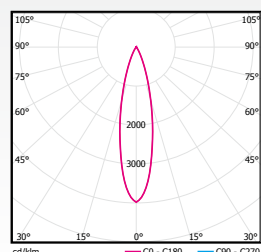
EIR6TA-06EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	4518	0.2	0.2	
2	1130	0.4	0.4	
3	502	0.7	0.7	
4	282	0.9	0.9	

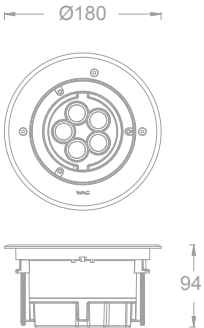


EIR6TA-06EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2118	0.3	0.3	
2	530	0.7	0.7	
3	235	1.0	1.0	
4	132	1.3	1.3	



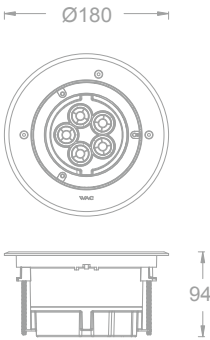
EIR6TA-06EL-330SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	1185	0.5	0.5	
2	296	0.9	0.9	
3	132	1.4	1.4	
4	74	1.8	1.8	





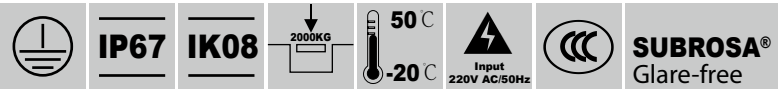
Adjustable Ø180 HP High Lumens

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 930lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 2.3Kg



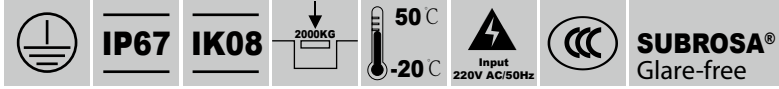
Adjustable Ø180 HP Super Comfort

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 930lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 2.3Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR5N	A Adjustable	08	8(Max)	5	EL ON-OFF 220V AC Power Supply	5 7°	27 2700K 30 3000K 40 4000K	SS Stainless Steel
						1 14°		
						2 20°		
						3 30°		

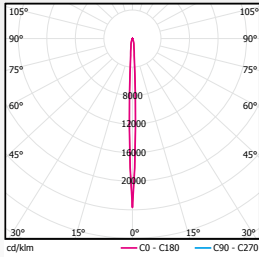
Example : EIR5NA-08EL-S27SS



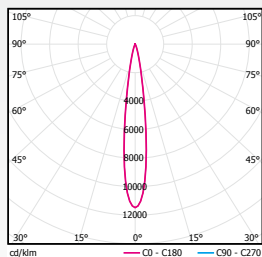
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR6N	A Adjustable	08	8(Max)	5	EL ON-OFF 220V AC Power Supply	5 7°	27 2700K 30 3000K 40 4000K	SS Stainless Steel
						1 13°		
						2 20°		
						3 30°		

Example : EIR6NA-08EL-S27SS

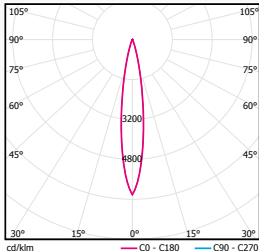
EIR5NA-08EL-S30SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	15149	0.1	0.1
2	3787	0.2	0.2
3	1683	0.4	0.4
4	947	0.5	0.5



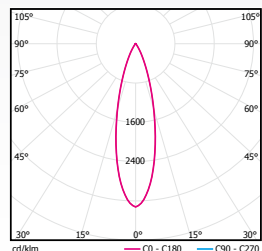
EIR5NA-08EL-130SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	5763	0.3	0.3
2	1441	0.5	0.5
3	640	0.8	0.8
4	360	1.0	1.0



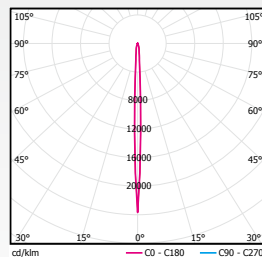
EIR5NA-08EL-230SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	3590	0.4	0.4
2	898	0.7	0.7
3	399	1.1	1.1
4	224	1.4	1.4



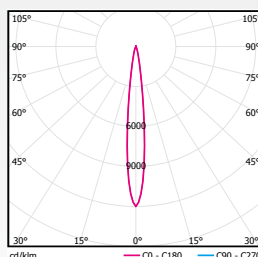
EIR5NA-08EL-330SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	1725	0.5	0.5
2	431	1.0	1.0
3	192	1.5	1.5
4	108	2.0	2.0



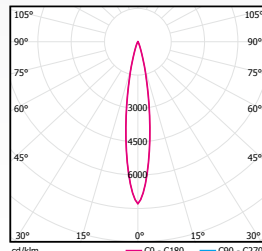
EIR6NA-08EL-S30SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	9653	0.1	0.1
2	2413	0.3	0.3
3	1073	0.4	0.4
4	603	0.5	0.5



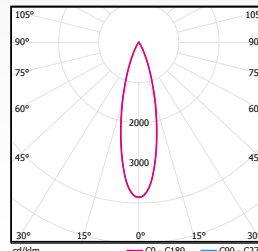
EIR6NA-08EL-130SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	4111	0.2	0.2
2	1028	0.5	0.5
3	457	0.7	0.7
4	257	0.9	0.9

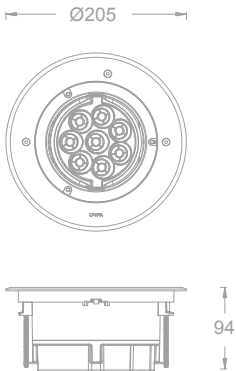
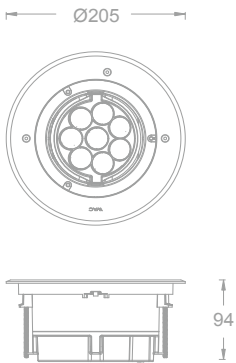


EIR6NA-08EL-230SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	2365	0.3	0.3
2	591	0.7	0.7
3	263	1.0	1.0
4	148	1.3	1.3



EIR6NA-08EL-330SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	1241	0.5	0.5
2	310	0.9	0.9
3	138	1.4	1.4
4	78	1.9	1.9



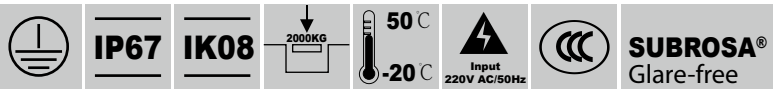


Adjustable Ø205 HP High Lumens

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle : 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 1300lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 2.6Kg

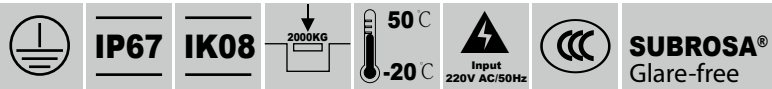
Adjustable Ø205 HP Super Comfort

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle : 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 1300lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 2.6Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR5S	A Adjustable	12 12(Max)	8	997	EL ON-OFF 220V AC Power Supply	5 7° 1 14° 2 20° 3 30°	27 2700K 30 3000K 40 4000K	SS Stainless Steel

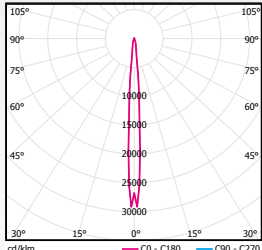
Example : EIR5SA-12EL-S27SS



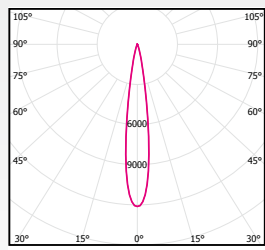
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR6S	A Adjustable	12 12(Max)	8	687	EL ON-OFF 220V AC Power Supply	5 7° 1 13° 2 20° 3 30°	27 2700K 30 3000K 40 4000K	SS Stainless Steel

Example : EIR6SA-12EL-S27SS

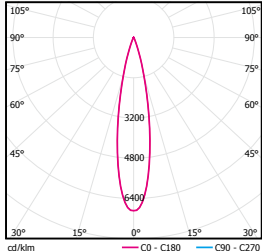
EIR5SA-12EL-S30SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	29944	0.1	0.1
2	7486	0.2	0.2
3	3327	0.4	0.4
4	1872	0.5	0.5



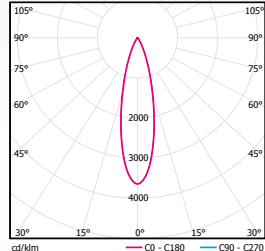
EIR5SA-12EL-130SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	12000	0.3	0.3
2	3000	0.5	0.5
3	1333	0.8	0.8
4	750	1.0	1.0



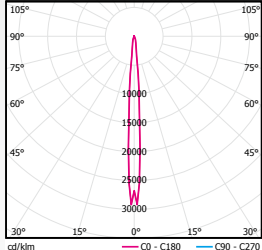
EIR5SA-12EL-230SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	6936	0.4	0.4
2	1734	0.7	0.7
3	771	1.1	1.1
4	434	1.4	1.4



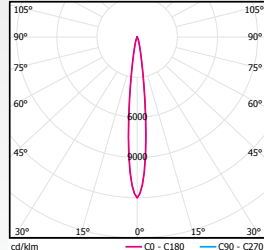
EIR5SA-12EL-330SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	3532	0.5	0.5
2	883	0.9	0.9
3	392	1.4	1.4
4	221	1.9	1.9



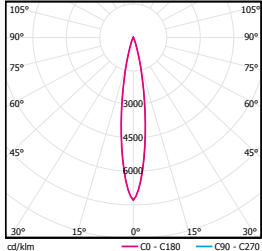
EIR6SA-12EL-S30SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	17987	0.1	0.1
2	4497	0.3	0.3
3	1999	0.4	0.4
4	1124	0.5	0.5



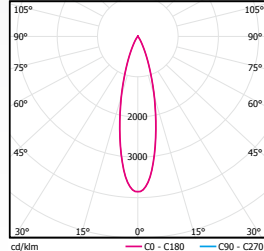
EIR6SA-12EL-130SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	8119	0.2	0.2
2	2030	0.5	0.5
3	902	0.7	0.7
4	507	0.9	0.9

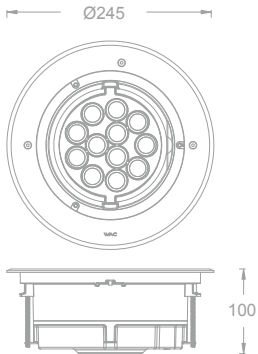


EIR6SA-12EL-230SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	4526	0.3	0.3
2	1132	0.7	0.7
3	503	1.0	1.0
4	283	1.3	1.3



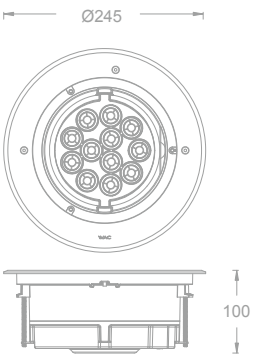
EIR6SA-12EL-330SS			
0° Aiming Angle			
D(m)	LUX	W	L
1	2332	0.5	0.5
2	583	0.9	0.9
3	259	1.4	1.4
4	146	1.9	1.9





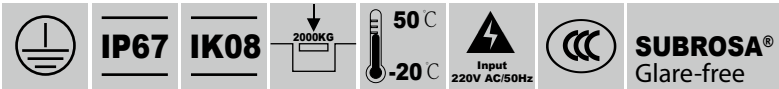
Adjustable Ø245 HP High Lumens

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-25° vertical aiming tilt
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 1830lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 3.9Kg



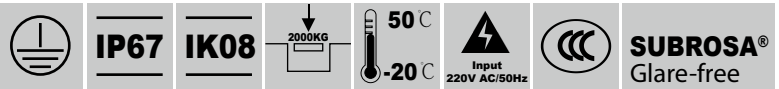
Adjustable Ø245 HP Super Comfort

- Body material: Stainless steel frame and die-cast aluminum body
 - Optical system: Lens + SUBROSA® optical system
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-355° horizontal rotation and 0°-25° vertical aiming tilt
 - Accessories/Brackets: Recessed Casing
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 1830lm
 - LED lifetime: >50000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 3.9Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish	
EIR5M	A Adjustable	16 16(Max)	12	1348	EL ON-OFF 220V AC Power Supply	S 7°	27 2700K	SS Stainless Steel	
						1 14°			30 3000K
						2 20°			40 4000K
						3 30°			

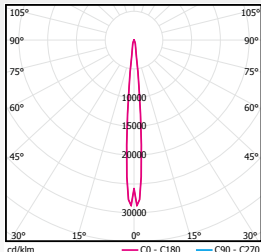
Example : EIR5MA-16EL-S27SS



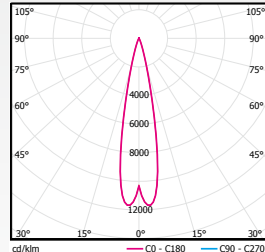
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR6M	A Adjustable	16 16(Max)	12	936	EL ON-OFF 220V AC Power Supply	S 7°	27 2700K	SS Stainless Steel
						1 14°	30 3000K	
						2 20°	40 4000K	
						3 30°		

Example : EIR6MA-16EL-S27SS

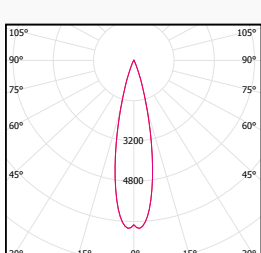
EIR5MA-16EL-S30SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	44310	0.1	0.1	
2	11078	0.2	0.2	
3	4923	0.4	0.4	
4	2769	0.5	0.5	



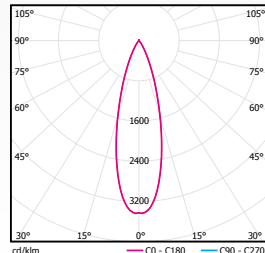
EIR5MA-16EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	14543	0.3	0.3	
2	3636	0.5	0.5	
3	1616	0.8	0.8	
4	909	1.0	1.0	



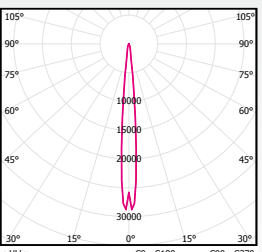
EIR5MA-16EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	8249	0.4	0.4	
2	2062	0.7	0.7	
3	917	1.1	1.1	
4	516	1.4	1.4	



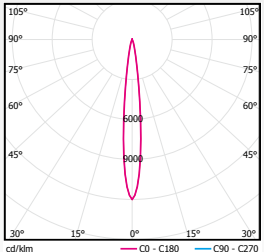
EIR5MA-16EL-330SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	4245	0.5	0.5	
2	1061	1.0	1.0	
3	472	1.5	1.5	
4	265	2.0	2.0	



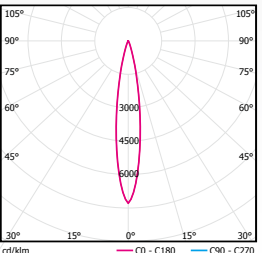
EIR6MA-16EL-S30SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	24506	0.1	0.1	
2	6127	0.3	0.3	
3	2723	0.4	0.4	
4	1532	0.5	0.5	



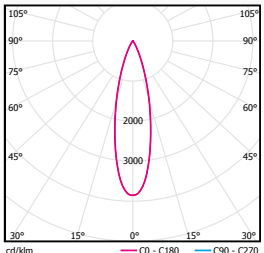
EIR6MA-16EL-130SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	10200	0.2	0.2	
2	2550	0.5	0.5	
3	1133	0.7	0.7	
4	638	0.9	0.9	

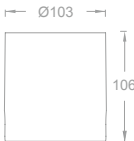
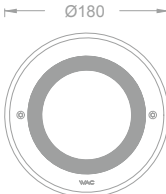
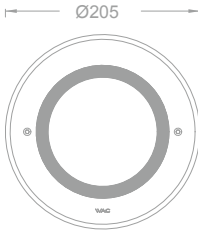
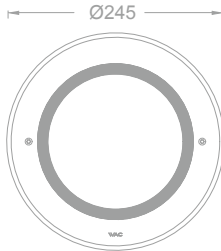


EIR6MA-16EL-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	5601	0.4	0.4	
2	1400	0.7	0.7	
3	622	1.1	1.1	
4	350	1.4	1.4	



EIR6MA-16EL-330SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2872	0.5	0.5	
2	718	1.1	1.1	
3	319	1.6	1.6	
4	180	2.2	2.2	



Accessories				
Available For		Picture	Drawing	Model
EIR5TF/EIR6TF/EIR7TF/EIR8TF/ EIR5TA/EIR6TA				EIR5TF-RC001
EIR5NF/EIR6NF/EIRN7F/EIR8NF				EIR5NF-RC001
EIR5NA/EIR6NA				EIR5NA-RC001
EIR5SF/EIR6SF/EIR7SF/EIR8SF				EIR5SF-RC001
EIR5SA/EIR6SA				EIR5SA-RC001
EIR5MF/EIR6MF/EIR7MF/EIR8MF				EIR5MF-RC001
EIR5MA/EIR6MA				EIR5MA-RC001



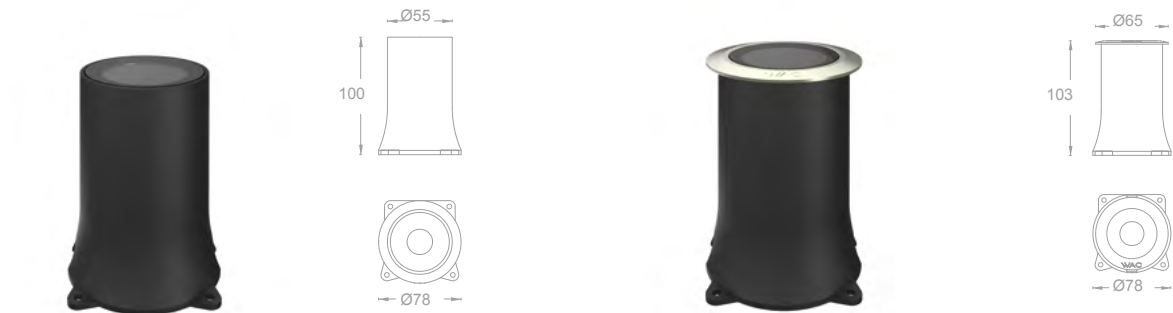
Nanjing Cross River Victory Memorial Hall
Nanjing, Jiangsu Province

FUEGO PRO

FUEGO PRO

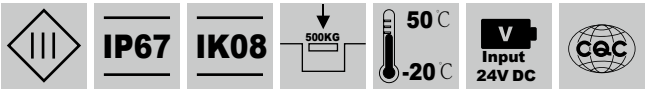
IP67 rated for exterior environments, FUEGO In-ground LED luminaires feature a patent pending condensation-proof design for equalizing pressure without water intrusion. Symmetric and asymmetric beam distributions are available for wall washing, wall grazing and spot lighting. Unique adjustable options for in-field optical beam adjustments range from 0° to 20° round, square and linear formats which are available and operable on 24V DC and 220V AC systems.

Suzhou Olympic Sports Centre
Suzhou, Jiangsu Province



MINI ROUND

- Body material: Stainless steel body
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Recessed casing, suction cup
- LED type: High Power LED
- LED CCT, lumen output: 3000K 300lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 0.4Kg



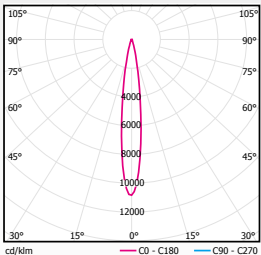
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR1N	T Frameless F Frame	03 3(Max)	1	162	ET ON-OFF 24V DC Power Supply	S 8° 1 15° 2 25° 4 45°	30 3000K 40 4000K	S Stainless Steel

Example : EIR1NT-03ET-S30-S

EIR1NT-03ET-140-S

0° Aiming Angle

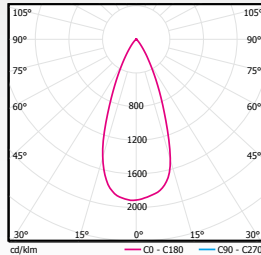
D(m)	LUX	W	L
1	1788	0.2	0.2
2	447	0.5	0.5
3	199	0.7	0.7
4	112	1.0	1.0



EIR1NT-03ET-440-S

0° Aiming Angle

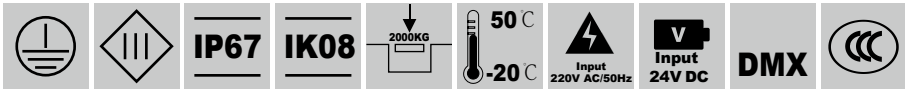
D(m)	LUX	W	L
1	225	0.8	0.8
2	56	1.5	1.5
3	25	2.3	2.3
4	14	3.0	3.0





SMALL ROUND

- Body material: Die-cast aluminum body
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: Beam adjustment ranges from 0°-20°
- Accessories/Brackets: Recessed casing, suction cup, beam elongator, honeycomb
- LED type: High Power LED
- LED CCT, lumen output: 3000K 630lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 3000K/4000K , Ra80
- LED color consistency: 3 SDCM
- Net weight: 0.98Kg



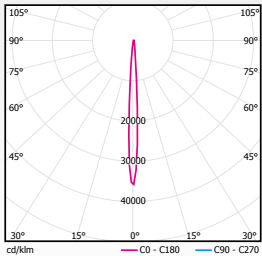
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR1S	T F Frameless Frame	07	7(Max)	3	394			

Example : EIR1ST-07ET-S30-B

Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR1S	T F Frameless Frame	07	7(Max)	3	394			

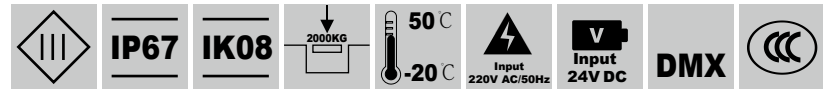
Example : EIR1ST-07EL-S30-B

EIR1ST-07EL-S40-B			
0° Aiming Angle			
D(m)	LUX	W	L
1	15766	0.1	0.1
2	3942	0.2	0.2
3	1752	0.4	0.4
4	985	0.5	0.5



MEDIUM ROUND 6LEDs

- Body material: Die-cast aluminum body
- Optical system: Lens+W-Module
- Finish: Environmentally safe powder coat
- Adjustable angle: Beam adjustment ranges from -20°to20°
- Accessories/Brackets: Recessed casing, suction cup, beam elongator, honeycomb
- LED type: High Power LED
- LED CCT, lumen output: 3000K 966lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 3000K/4000K , Ra80
- LED color consistency: 3 SDCM
- Net weight: 2.38Kg



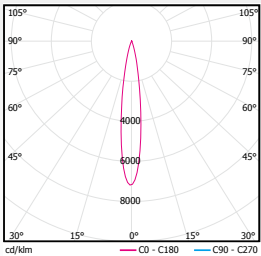
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR1M	T F Frameless Frame	14	14(Max)	6	815			

Example : EIR1MT-14ET-S30BK

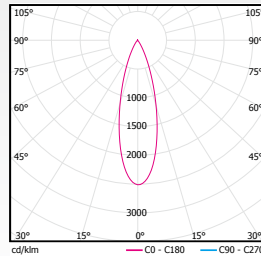
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR1M	T F Frameless Frame	14	14(Max)	6	815			

Example : EIR1MT-14EL-S30BK

EIR1MT-14MT-130BK			
0° Aiming Angle			
D(m)	LUX	W	L
1	7666	0.3	0.3
2	1917	0.5	0.5
3	852	0.8	0.8
4	479	1.1	1.1



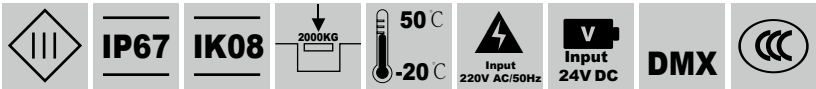
EIR1MT-14MT-330BK			
0° Aiming Angle			
D(m)	LUX	W	L
1	2548	0.5	0.5
2	637	1.1	1.1
3	283	1.6	1.6
4	159	2.1	2.1





MEDIUM ROUND 9LEDS

- Body material: Die-cast aluminum body
 - Optical system: Lens+W-Module
 - Finish: Environmentally safe powder coat
 - Adjustable angle: Beam adjustment ranges from -20° to 20°
 - Accessories/Brackets: Recessed casing, suction cup, beam elongator, honeycomb
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 1449lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K , Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 2.38Kg

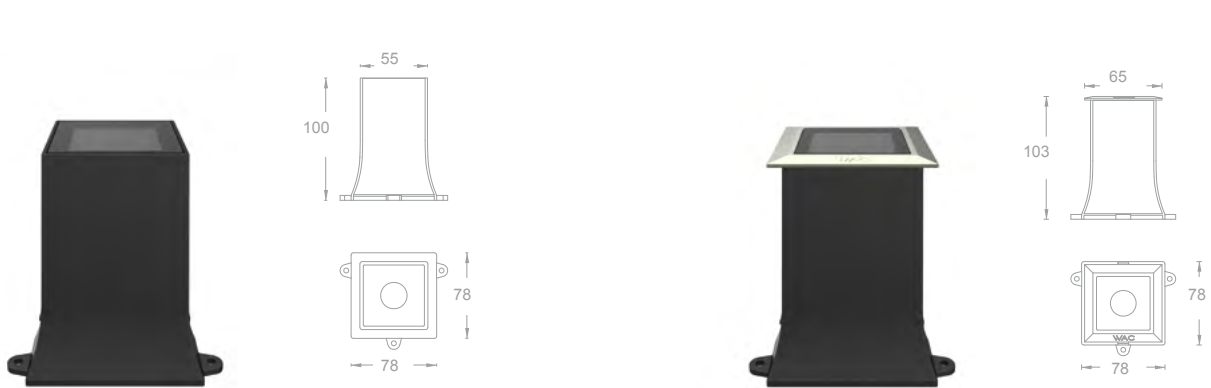
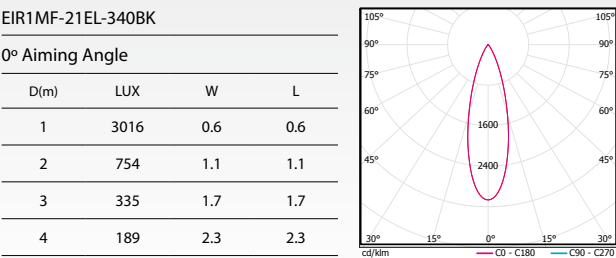
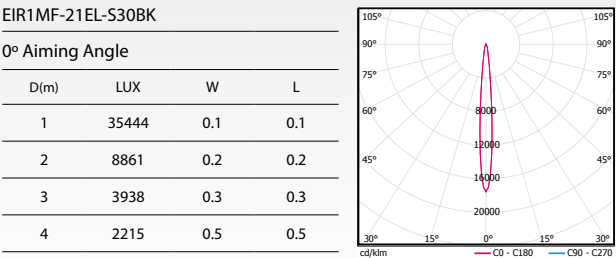


Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR1M	T Frameless F Frame	21	16(Max)	9	1013			

Example EIR1MT-21ET-S30BK

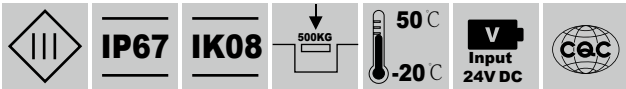
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR1M	T Frameless F Frame	21	16(Max)	9	1013			

Example : EIR1MT-21EL-S30BK



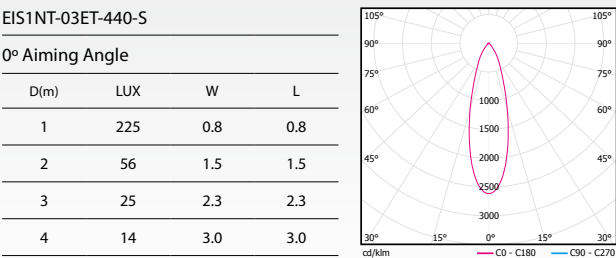
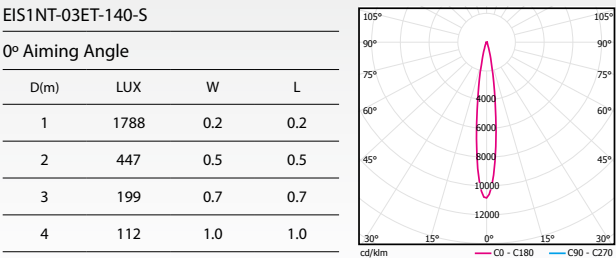
MINI SQUARE

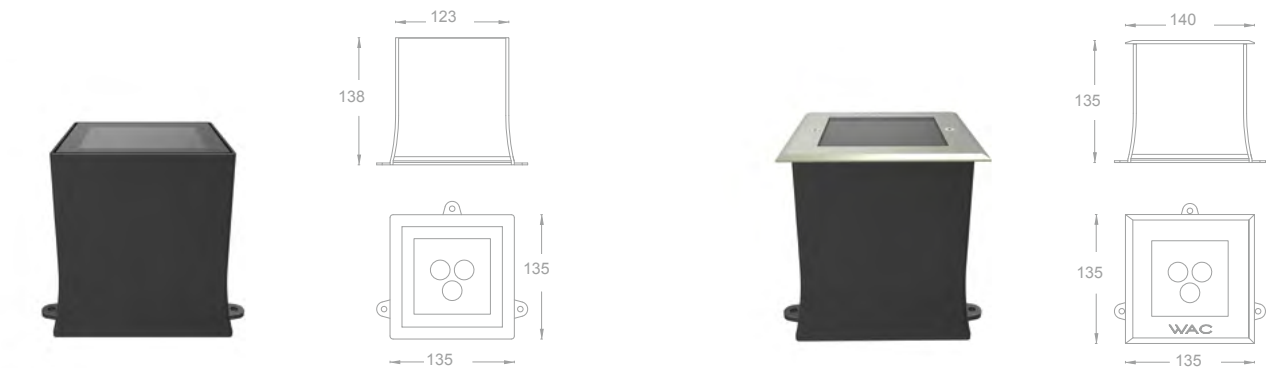
- Body material: Die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed casing, suction cup
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 270lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K , Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.32Kg



Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIS1N	T Frameless F Frame	03	3(Max)	1	162			

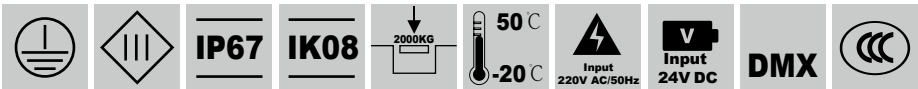
Example : EIS1NT-03ET-S30-S





SMALL SQUARE

- Body material: Die-cast aluminum body
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Adjustable angle: Beam adjustment ranges from 0°-20°
- Accessories/Brackets: Recessed casing, suction cup, beam elongator, honeycomb
- LED type: High Power LED
- LED CCT, lumen output: 3000K 630lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 3000K/4000K , Ra80
- LED color consistency: 3 SDCM
- Net weight: 1.1Kg



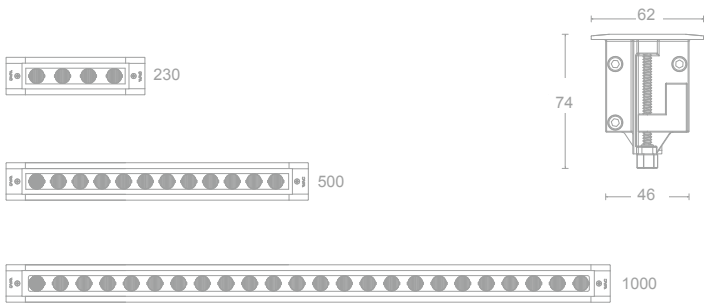
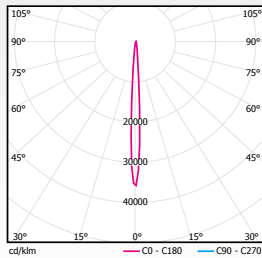
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIS1S	T Frameless F Frame	07 7(Max)	3	394	ET ON-OFF 24V DC Power Supply MT DMX512 Dimming 24V DC Power Supply	S 8°	30 3000K 40 4000K	B Black (Frameless only) S Stainless Steel (Frame only)
						1 15°		
						2 25°		
						4 45°		

Example : EIS1ST-07ET-S30-B

Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIS1S	T Frameless F Frame	07 7(Max)	3	394	EL ON-OFF 220V AC Power Supply	S 8°	30 3000K 40 4000K	B Black (Frameless only) S Stainless Steel (Frame only)
						1 15°		
						2 25°		
						4 45°		

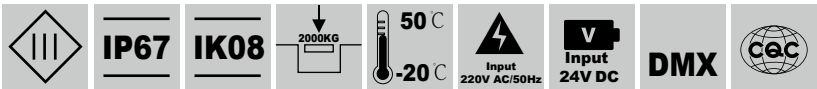
Example : EIS1ST-07EL-S30-B

EIS1ST-07EL-S40-B			
0° Aiming Angle			
D(m)	LUX	W	L
1	15766	0.1	0.1
2	3942	0.2	0.2
3	1752	0.4	0.4
4	985	0.5	0.5



LINEAR EIL1

- Body material: Extruded aluminum profile, die-cast aluminum end cap
- Optical system: Lens
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Recessed casing
- LED type: High Power LED
- LED wattage, CCT, lumen output: 10W 3000K 644lm
28W 3000K1932lm
56W 3000K 3864lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 3000K/ 4000K , Ra80
- LED color consistency: 3 SDCM
- Net weight: 0.8Kg/230mm, 1.7Kg/500mm, 3.1Kg/1000mm



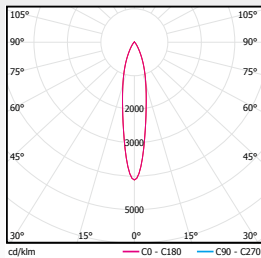
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIL103-10	230	10(Max)	4	605	ET ON-OFF 24V DC Power Supply	1 8° 2 15° 3 30° 4 40° E 9°×15° G 10°×50°	30 3000K 40 4000K	B Black
EIL105-28	500	28(Max)	12	1595				
EIL110-56	1000	56(Max)	24	3300				

Example : EIL103-10ET-130-B

Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIL103-10	230	10(Max)	4	605	MT DMX512 Dimming 24V DC Power Supply	1 8° 2 15° 3 30° 4 40° E 9°×15° G 10°×50°	30 3000K 40 4000K	B Black
EIL105-28	500	28(Max)	12	1595				
EIL110-56	1000	56(Max)	24	3300				

Example : EIL103-10MT-130-B

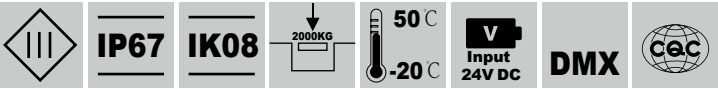
EIL110-56ET-130B			
0° Aiming Angle			
D(m)	LUX	W	L
1	14160	0.3	0.3
2	3540	0.7	0.7
3	1573	1.0	1.0
4	885	1.4	1.4





LINEAR EIL2 Frosted

- Body material: Extruded aluminum profile, die-cast aluminum end cap
 - Optical system: Opal glass
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed casing
- LED type: SMD
 - LED CCT, lumen output: 6W 3000K 620lm
12W 3000K 1250lm
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K/RGB, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1.7Kg



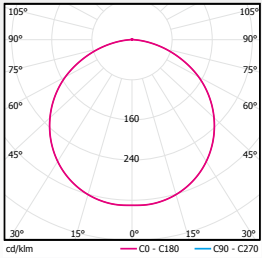
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
EIL205-06	513	6(Max)	60	357	ET ON-OFF 24V DC Power Supply	F Frosted	O W/O Phase	27 2700K 30 3000K 40 4000K	BK Black GY Gray
EIL210-12	1006	12(Max)	120	764					

Example : EIL210-12ET-F027BK

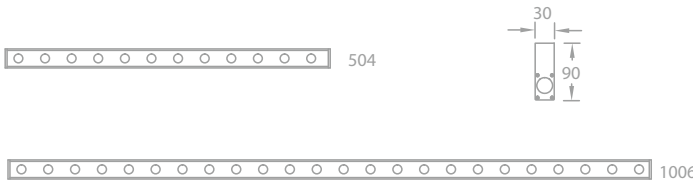
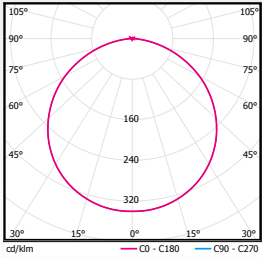
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	Phase Controller (m)	CCT	Finish
EIL205-06	513	6(Max)	60	357	MT DMX512 Dimming 24V DC Power Supply	F Frosted	1 1 Phase 4 4 Phase	27 2700K 30 3000K 40 4000K FC RGB	BK Black GY Gray
EIL210-12	1006	12(Max)	120	764					

Example : EIL210-12MT-F127BK

EIL205-06ET-F030GY				
0° Aiming Angle				
D(m)	LUX	W	L	
1	118	3.2	3.2	
2	30	6.4	6.4	
3	13	9.7	9.7	
4	7	12.9	12.9	

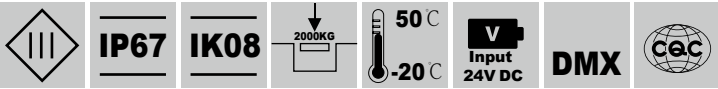


EIL210-12ET-F030GY				
0° Aiming Angle				
D(m)	LUX	W	L	
1	261	3.1	3.1	
2	65	6.3	6.3	
3	29	9.4	9.4	
4	16	12.5	12.5	



LINEAR EIL2 Optical

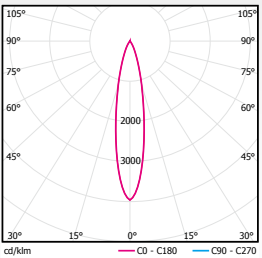
- Body material: Extruded aluminum profile, die-cast aluminum end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed casing
- LED type: SMD
 - LED CCT, lumen output: 12W 3000K 1272lm
24W 3000K 2544lm
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1.7Kg



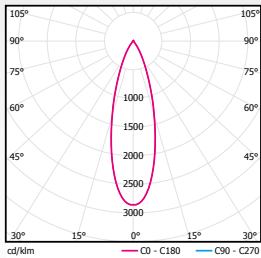
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIL205-12	504	12(Max)	12	867	ET ON-OFF 24V DC Power Supply MT DMX512 Dimming 24V DC Power Supply	2 20° 3 30° J 20°x45°	27 2700K 30 3000K 40 4000K	BK Black GY Gray
EIL210-24	1006	24(Max)	24	1734				

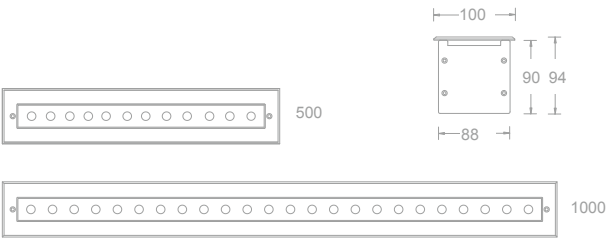
Example : EIL205-12ET-227BK

EIL205-12ET-230BK				
0° Aiming Angle				
D(m)	LUX	W	L	
1	4225	0.4	0.4	
2	1056	0.8	0.8	
3	469	1.2	1.2	
4	264	1.6	1.6	



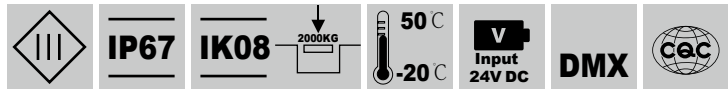
EIL205-12ET-330BK				
0° Aiming Angle				
D(m)	LUX	W	L	
1	2787	0.5	0.5	
2	697	1.1	1.1	
3	310	1.6	1.6	
4	174	2.2	2.2	





LINEAR EIL3

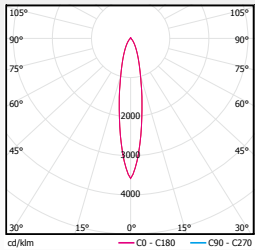
- Body material: Extruded aluminum profile, die-cast aluminum end cap and stainless steel frame
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed casing
- LED type: SMD
 - LED wattage, CCT, lumen output: 12W 3000K 1320lm
24W 3000K 2640lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1.7Kg/500mm, 3.1Kg/1000mm



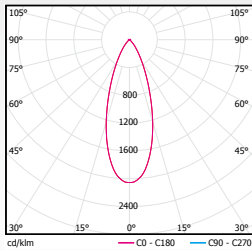
Model	Length (mm)	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIL305-12	500	12(Max)	12	1155	ET ON-OFF 24V DC Power Supply MT DMXS12 Dimming 24V DC Power Supply	1 13° 2 20° 3 30° 4 40° F 25°×45°	27 2700K 30 3000K 40 4000K	SS Stainless Steel
EIL310-24	1000	24(Max)	24	2310				

Example : EIL305-12ET-127SS

EIL310-24MT-230SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	6961	0.4	0.4	
2	1740	0.8	0.8	
3	773	1.1	1.1	
4	435	1.5	1.5	

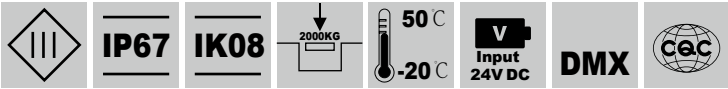


EIL310-24MT-430SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	3967	0.6	0.6	
2	992	1.3	1.3	
3	441	1.9	1.9	
4	248	2.5	2.5	



LINEAR EIL4

- Body material: Extruded aluminum profile, die-cast aluminum end cap
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0°-15° vertical aiming tilt
 - Accessories/Brackets: Recessed casing
- LED type: High Power LED
 - LED wattage, lumen output: 56W 4760lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/ 4000K , Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1.1Kg/250mm, 2.1Kg/500mm, 3.1Kg/1000mm



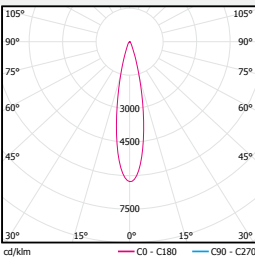
Model	Length (mm)	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIL403	250	F Fixed	12	12	5	653	S 8° 1 15° 3 30° 4 40° E 9°×15° G 10°×50° W Wall Washer	30 3000K 40 4000K	B Black
EIL405	500		28	28	12	1953			
EIL410	1000		56	56	24	3956			

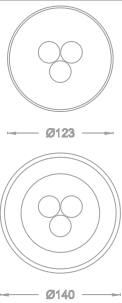
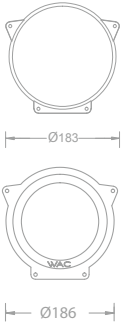
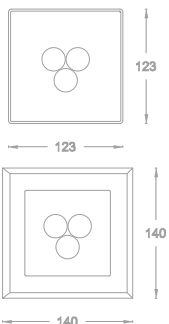
Example : EIL403F-12ET-S30BK

Model	Length (mm)	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIL403	250	A Adjustable	08	8	5	653	S 8° 1 15° 3 30° 4 40° E 9°×15° G 10°×50° W Wall Washer	30 3000K 40 4000K	B Black
EIL405	500		20	20	12	1953			
EIL410	1000		40	40	24	3956			

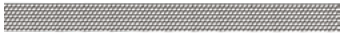
Example : EIL403A-08ET-S30BK

EIL410F-56ET-E30SS				
0° Aiming Angle				
D(m)	LUX	W	L	
1	24817	0.2	0.2	
2	6204	0.5	0.5	
3	2757	0.7	0.7	
4	1551	0.9	0.9	

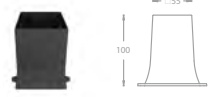
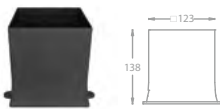
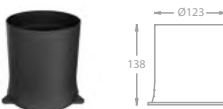
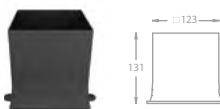
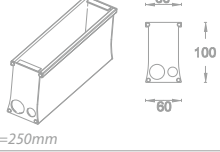
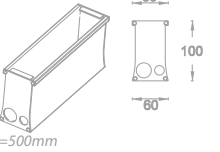
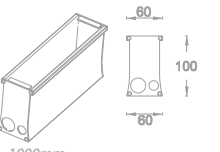
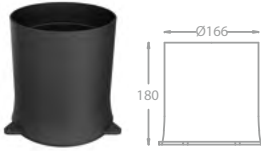
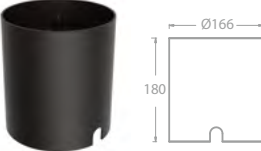


Accessories			
Available For	Description	Picture	Model
ROUND and SQUARE Series	Suction CUP		EIR1NT-SC001
EIR1S Series 	BEAM ELONGATOR		EIR1ST-BEL001
	HONEYCOMB		EIR1ST-HCL001
EIR1M Series 	BEAM ELONGATOR		EIR1MT-BEL001
	HONEYCOMB		EIR1MT-HCL001
EIS1S Series 	BEAM ELONGATOR		EIS1ST-BEL001
	HONEYCOMB		EIS1ST-HCL001

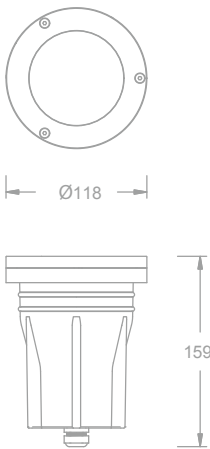
Accessories (EIL2 Series)				
ITEM	Description	Picture	Drawing	Quantity Suggested
ELC3-SC-CT002F	Female signal connector			1pc per 32m
ELC3-SC-CT002M	Male signal connector			1pc per 32m

Accessories (EIL4 Series)		
ITEM	Description	Picture
EIL4-GH025	Grille Horizontal 250mm	
EIL4-GH050	Grille Horizontal 500mm	
EIL4-GH100	Grille Horizontal 1000mm	
EIL4-HC025	Honeycomb 250mm	
EIL4-HC050	Honeycomb 500mm	
EIL4-HC100	Honeycomb 1000mm	

Note: Do not suggest use in Adjustable version and Wall Washer lighting distribution. Accessories cannot be ordered separately

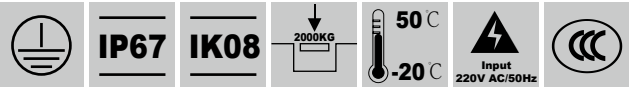
Accessories(Recessed Casing)					
Available For	Picture	Model	Available For	Picture	Model
Mini Round, EIR1N Series		EIR1NT-RC001	Mini Square, EIS1N Series		EIS1NT-RC001
		EIR1NT-RC002	Small Square, EIS1ST Series		EIS1ST-RC001
Small Round, EIR1ST Series		EIR1ST-RC001	Small Square, EIS1SF Series		EIS1SF-RC001
		EIR1ST-RC002	Linear Series		EIL4-RC025
Small Round, EIR1SF Series		EIR1SF-RC001			EIL1-RC050
		EIR1SF-RC002			EIL1-RC100
Medium Round, EIR1M Series		EIR1MT-RC001			
		EIR1MT-RC002			
Medium Round, EIR1MFSeries		EIR1MF-RC002			

FUEGO



FUEGO 220V AC

- Body material: Die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed casing
- LED type: COB
 - LED CCT, lumen output: 3000K 1155lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K , Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1Kg



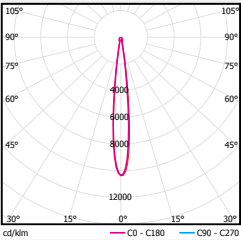
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR3S	F Frame	15 15(Max)	COB	731	EL ON-OFF 220V AC Power Supply	F Adjustable Beam Angle 15°-60°	30 3000K 40 4000K	BK Black BZ Bronze

Example : EIR3SF-15EL-F30BK

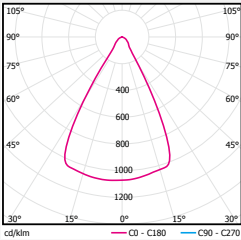
FUEGO

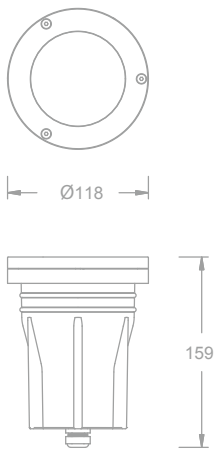
The FUEGO In-Ground LED luminaires offer excellent color consistency and adjustable beam angles, adjustable brightness and illumination direction. The luminaire is ideally suitable for residential areas, hotels, public squares, parks and courtyards, and other commercial spaces.

EIR3SF-15EL-F30BK 15D			
0° Aiming Angle			
D(M)	LUX	W	L
1	3928	0.3	0.3
2	982	0.6	0.6
3	436	0.9	0.9
4	246	1.1	1.1



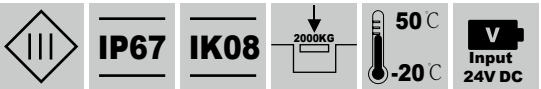
EIR3SF-15EL-F30BK 60D			
0° Aiming Angle			
D(M)	LUX	W	L
1	765	1.2	1.2
2	191	2.5	2.5
3	85	3.7	3.7
4	48	4.9	4.9





FUEGO 24V DC

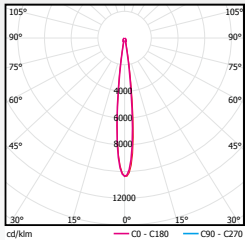
- Body material: Die-cast aluminum body
 - Optical system: Lens
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Recessed casing
- LED type: COB
 - LED CCT, lumen output: 3000K 1045lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 3000K/4000K , Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 1Kg



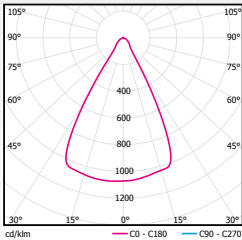
Model	Comment	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EIR3S	F Frame	12 12(Max)	COB	600	ET ON-OFF 24V DC Power Supply	F Adjustable Beam Angle 15° -60°, Tilt ± 20°	30 40 3000K 4000K	BK BZ Black Bronze

Example : EIR3SF-12ET-F30BK

EIR3SF-12ET-F30BK 15D			
0° Aiming Angle			
D(M)	LUX	W	L
1	4671	0.2	0.2
2	1168	0.5	0.5
3	519	0.7	0.7
4	292	0.9	0.9



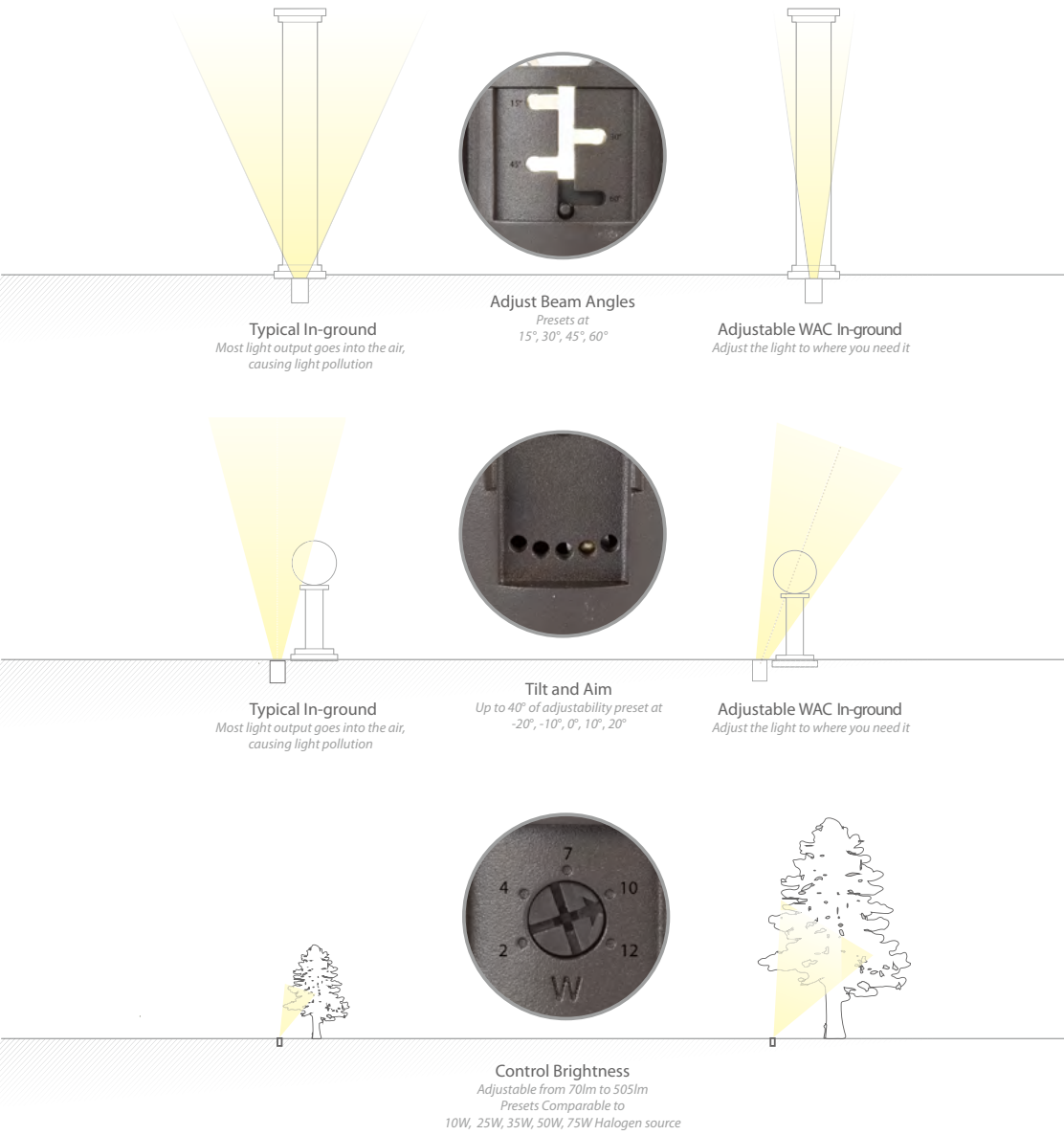
EIR3SF-12ET-F30BK 60D			
0° Aiming Angle			
D(M)	LUX	W	L
1	726	1.1	1.1
2	182	2.2	2.2
3	81	3.4	3.4
4	45	4.5	4.5



Accessories

Item	Picture	Code
Recessed casing		EIR3SF-RC001

In-ground Features



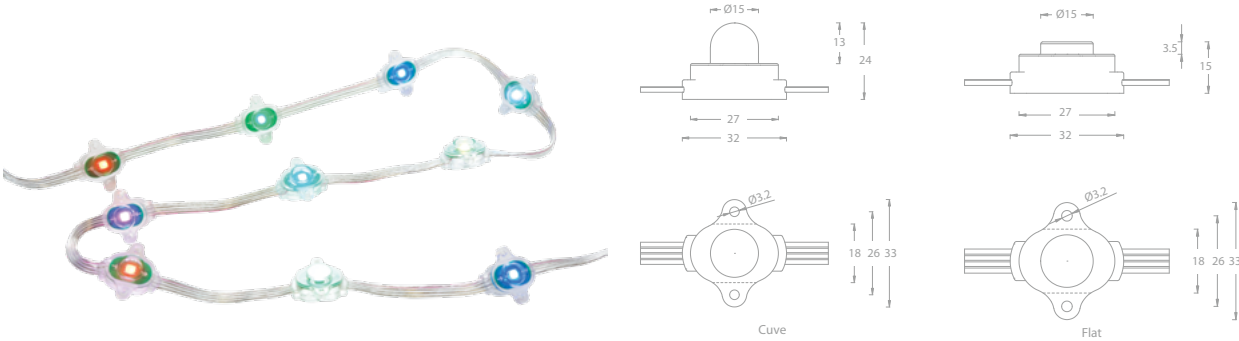
MARKER LUMINAIRES



GLITTER

Dynamic accent lighting for facades, buildings and high walls, GLITTERSingle Diode LEDs deploy illumination to create stunning aesthetics for structures, as well as indicators for low flying aircraft at night. Installing easily into window grids and other surfaces, die-cast aluminum housings are offered in a compact size with round faceted diamond or flat clear lenses to create various effects in six colors or RGB. Custom options include specified beam angles and color temperatures, as well as dimming and control capabilities.

Lishui Civic Square
Nanjing, Jiangsu Province



GLITTER

- Body material: Highly durable polycarbonate
 - Optical system: Lens
- LED type: SMD
 - LED CCT, lumen output: 3000K 25lm
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K/RGB, Ra80
 - Net weight: 0.6Kg

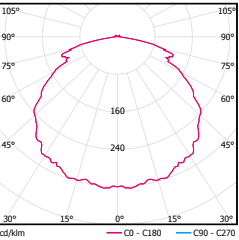
IP65

50 C
-20 C

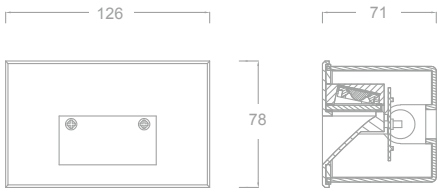
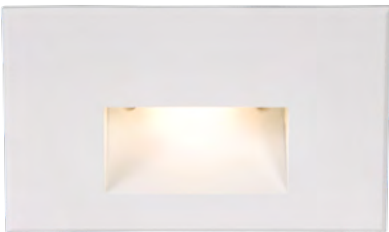
DMX

Model	Length (cm)	Power (W)	Node Number	Control Systems	Beam	CCT	Finish
ED3	10 10	15 15(Max)	50	MT DMX512 Dimming 5V DC Power Supply	1 Flat 2 Curve	27 2700K	TC Transparent Color WT Frosted White
						30 3000K	
						40 4000K	
						FC RGB	

Example : ED310-15MT-127TC

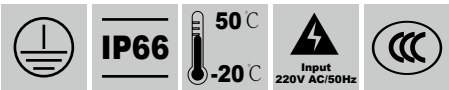


LEDme® Step and Wall Lights



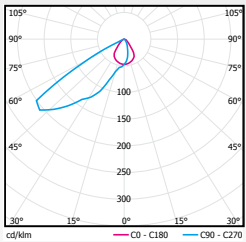
Step Light WL100

- Body material: Die-cast aluminum
- Finish: Environmentally safe powder coat
- Cutout: 118mm x 74mm
- LED type: SMD
- LED CCT, lumen output: 3000K 190lm
- LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 2700K/3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 0.55Kg



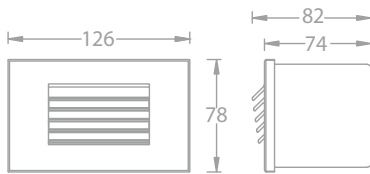
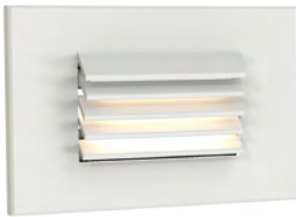
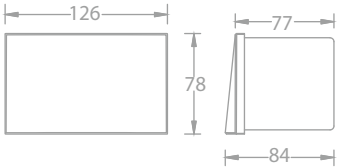
Model		Power (W)	Max Lumens (Lm)	Control Systems	CCT	Finish
WL100	LD05	3.9	68	E ON-OFF 220V AC Power Supply	27 2700K 30 3000K 40 4000K	WT White powder coat BK Black powder coat BZ Bronze BN Brushed Nickel

Example : WL100-LD05E-30WT



LEDme® Step and Wall Lights

Designed with architectural aesthetics and enhanced performance in mind, LEDme® Step and Wall Lights are designed to seamlessly blend into any architecture. Enhanced energy efficient functionality and optimized light output add safety and style to stairs, walls and walkways with minimal glare. Energy efficient, IP66 wet location listed for long lasting indoor and outdoor lighting solutions. Available with 220V/AC direct wiring; no driver or transformer is needed. Trimless styles can be spackled and painted to match surface finish. All of these luminaires can be dimmed with an electronic low voltage (ELV) dimmer.

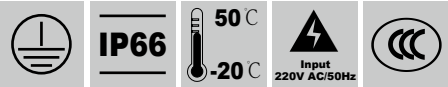


Step Light WL110

- Body material: Die-cast aluminum
 - Optical system: Frosted glass
 - Finish: Environmentally safe powder coat
- Cutout: 118 x 74mm
 - LED type: SMD
 - LED CCT, lumen output: 3000K 190lm
 - LED lifetime: >40,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.7Kg

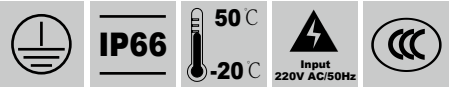
Step Light WL120

- Body material: Die-cast aluminum
 - Optical system: Louver
 - Finish: Environmentally safe powder coat
- Cutout: 118mm x 74mm
 - LED type: SMD
 - LED CCT, lumen output: 3000K 190lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.7Kg



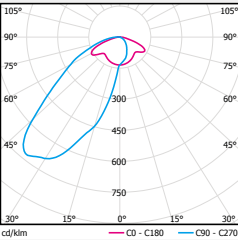
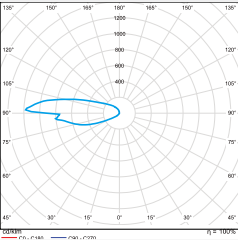
Model		Power (W)	Max Lumens (Lm)	Control Systems	Beam Angle	CCT	Finish
WL110	LD04	4	6	E ON-OFF 220V AC Power Supply	D Directional	27 2700K 30 3000K 40 4000K	WT White powder coat BK Black powder coat BZ Bronze BN Brushed Nickel

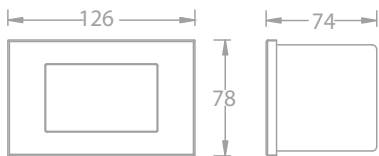
Example :WL110-LD04E-D30WT



Model		Power (W)	Max Lumens (Lm)	Control Systems	Beam Angle	CCT	Finish
WL120	LD04	4	52	E ON-OFF 220V AC Power Supply	L Louver	27 2700K 30 3000K 40 4000K	WT White BK Black BZ Bronze

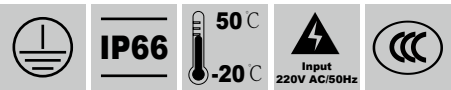
Example : WL120-LD04E-L30WT





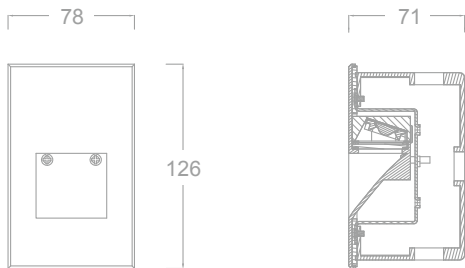
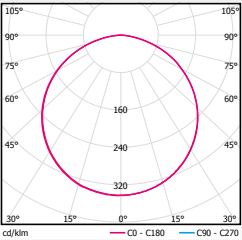
Step Light WL130

- Body material: Die-cast aluminum
 - Optical system: Opal glass
 - Finish: Environmentally safe powder coat
- Cutout: 118 x 74mm
 - LED type: SMD
 - LED CCT, lumen output: 3000K 190lm
 - LED lifetime: >40,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.55Kg



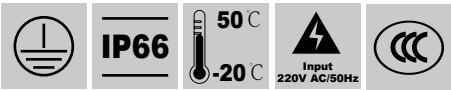
Model		Power (W)	Max Lumens (Lm)	Control Systems	Beam Angle	CCT	Finish
WL130	LD04	4	71	E <i>ON-OFF 220V AC Power Supply</i>	F <i>Frosted</i>	27 2700K 30 3000K 40 4000K	WT <i>White powder coat</i> BK <i>Black powder coat</i> BZ <i>Bronze</i> BN <i>Brushed Nickel</i>

Example :WL130-LD04E-F30WT



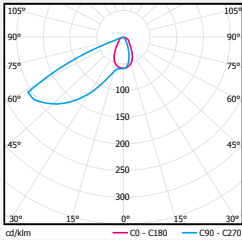
Step Light WL200

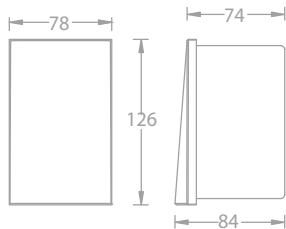
- Body material: Die-cast aluminum
 - Finish: Environmentally safe powder coat
- Cutout: 74mm x 118mm
 - LED type: SMD
 - LED CCT, lumen output: 3000K 190lm
 - LED lifetime: >40,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.48Kg



Model		Power (W)	Max Lumens (Lm)	Control Systems	CCT	Finish
WL200	LD05	3.9	68	E <i>ON-OFF 220V AC Power Supply</i>	30 3000K	WT <i>White powder coat</i> BK <i>Black powder coat</i> BZ <i>Bronze</i> BN <i>Brushed Nickel</i>

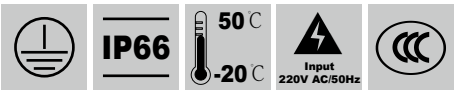
Example : WL200-LD05E-30WT





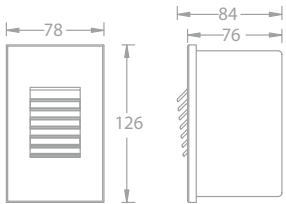
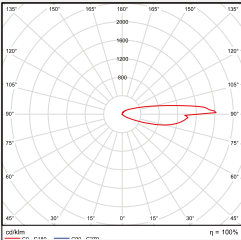
Step Light WL210

- Body material: Die-cast aluminum
- Optical system:Frosted glass
- Finish: Environmentally safe powder coat
- Cutout: 74mm x 118mm
- LED type: SMD
- LED CCT, lumen output: 3000K 190lm
- LED lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- CCT/CRI: 2700K/3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: 0.7Kg



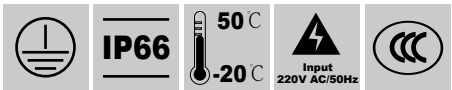
Model		Power (W)	Max Lumens (Lm)	Control Systems	Beam Angle	CCT	Finish
WL210	LD04	4	3	E ON-OFF 220V AC Power Supply	D Directional	27 2700K 30 3000K 40 4000K	WT White powder coat BK Black powder coat BZ Bronze BN Brushed Nickel

Example :WL210-LD04E-D30WT



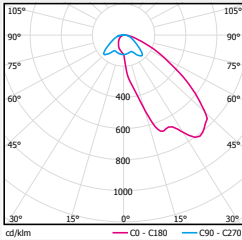
Step Light WL220

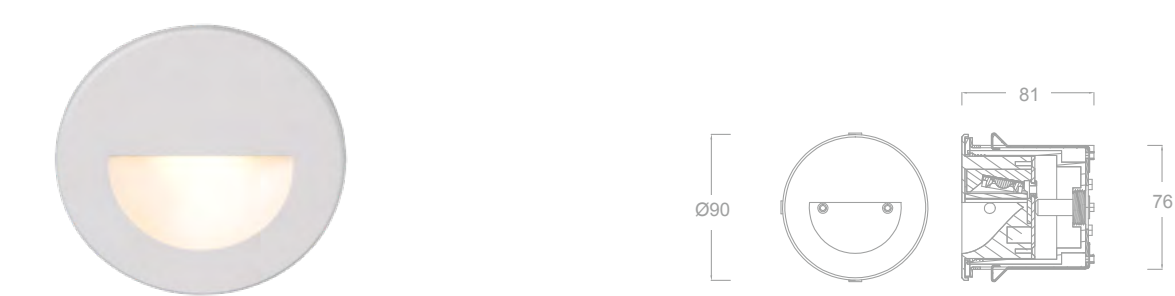
- Body material: Die-cast aluminum
- Optical system: Louver
- Finish: Environmentally safe powder coat
- Cutout: 74mm x 118mm
- LED type: SMD
- LED CCT, lumen output: 3000K 190lm
- LED lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- CCT/CRI: 2700K/3000K/4000K, Ra80
- LED color consistency: 3 SDCM
- Net weight: :0.7Kg



Model		Power (W)	Max Lumens (Lm)	Control Systems	Beam Angle	CCT	Finish
WL220	LD04	4	45	E ON-OFF 220V AC Power Supply	L Louver	27 2700K 30 3000K 40 4000K	WT White powder coat BK Black powder coat BZ Bronze

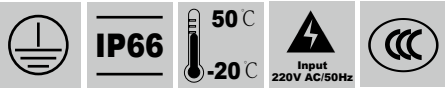
Example :WL220-LD04E-L30WT





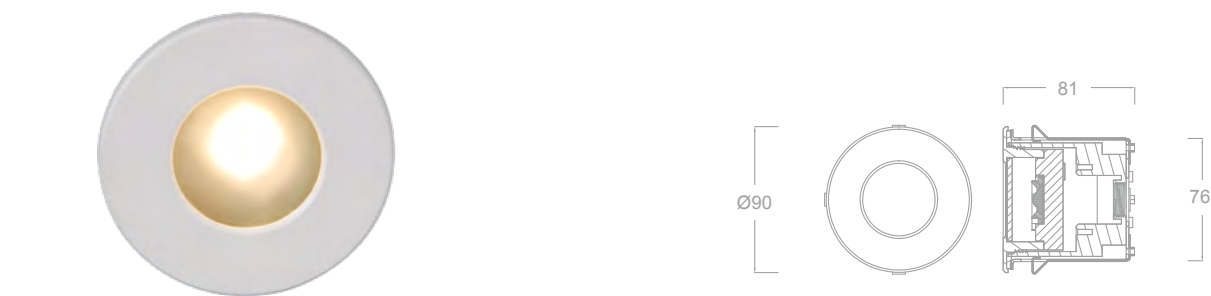
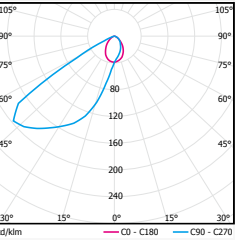
Step Light WL300

- Body material: Die-cast aluminum
 - Finish: Environmentally safe powder coat
- Cutout: Ø82mm
 - LED type: SMD
 - LED CCT, lumen output: 3000K 190lm
 - LED lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.39Kg



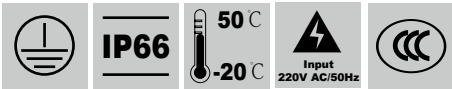
Model		Power (W)	Max Lumens (Lm)	Control Systems	CCT	Finish
WL300	LD05	3.9	74	E ON-OFF 220V AC Power Supply	27 2700K 30 3000K 40 4000K	WT White powder coat BK Black powder coat BZ Bronze BN Brushed Nickel

Example : WL300-LD05E-30WT



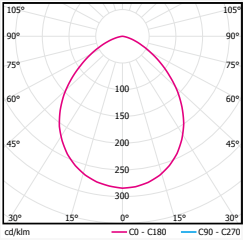
Step Light WL310

- Body material: Die-cast aluminum
 - Finish: Environmentally safe powder coat
- Cutout: Ø82mm
 - LED type: SMD
 - LED CCT, lumen output: 3000K 260lm
 - LED lifetime: >40,000h-L70 / B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra80
 - LED color consistency: 3 SDCM
 - Net weight: 0.39Kg



Model		Power (W)	Max Lumens (Lm)	Control Systems	CCT	Finish
WL310	LD05	3.9	115	E ON-OFF 220V AC Power Supply	30 3000K	WT White powder coat BK Black powder coat BZ Bronze BN Brushed Nickel

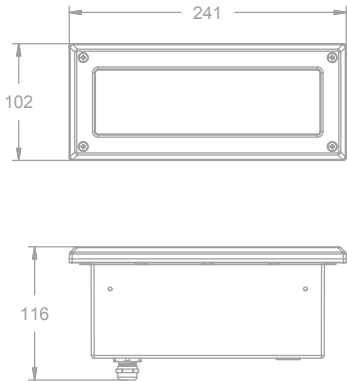
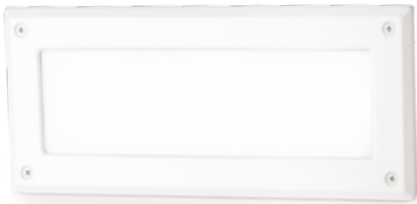
Example : WL310-LD05E-30WT



ENDURANCE™ BRICK

ENDURANCE™ BRICK

The LED BRICK is an interior and exterior step and wall light in the ENDURANCE series. This Die-cast aluminum luminaire operates with a factory sealed LED light engine without a driver or transformer. BRICK is perfect for a new project or a retrofit with this easy to install, maintenance-free LED upgrade.



WL5105 Opal

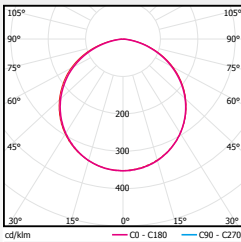
- Body material: Die-cast aluminum
- Finish: Environmentally safe powder coat
- Cutout: 207 x 68mm
- LED type: SMD
- LED wattage, CCT, lumen output: 5W 3000K 473lm
10W 3000K 711lm
- LED lifetime: >40,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.25Kg



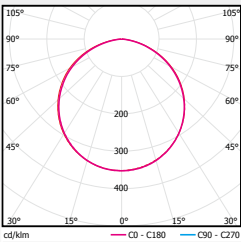
Model		Power (W)	Max Lumens (Lm)	Control Systems	CCT	Finish
WL5105	LD05	5	137	E ON-OFF 220V AC Power Supply	30 3000K	WT White powder coat
	LD10	10	206		40 4000K	BK Black powder coat BZ Bronze

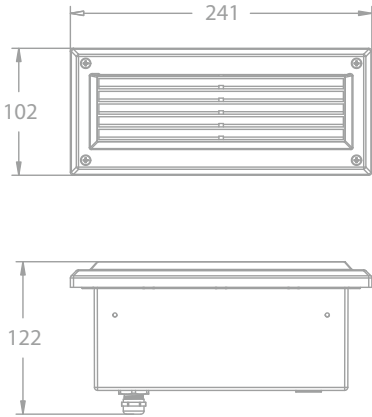
Example : WL5105-LD05E-30WT

WL5105-LD05E-30WT			
0° Aiming Angle			
D(M)	LUX	W	L
1	46	3.1	3.1
2	11	6.1	6.1
3	5	9.2	9.2
4	3	12.2	12.2



WL5105-LD10E-30WT			
0° Aiming Angle			
D(M)	LUX	W	L
1	71	3.1	3.1
2	18	6.1	6.1
3	8	9.2	9.2
4	4	12.2	12.2





WL5205 Louver

- Body material: Die-cast aluminum
- Finish: Environmentally safe powder coat
- Cutout: 207 x 68mm
- LED type: SMD
- LED wattage, CCT, lumen output: 5W 3000K 473lm
10W 3000K 711lm
- LED lifetime: >40,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 1.35Kg

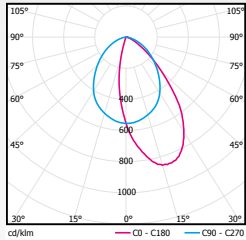


Model		Power (W)	Max Lumens (Lm)	Control Systems	CCT	Finish
WL5205	LD05	5	61	E ON-OFF 220V AC Power Supply	30 3000K	WT White powder coat
	LD10	10	91		40 4000K	BK Black powder coat BZ Bronze

Example : WL5205-LD05E-30WT

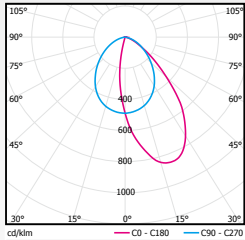
WL5205-LD05E-30WT

0° Aiming Angle				
D(M)	LUX	W	L	
1	47	1.3	1.3	
2	12	2.7	2.7	
3	5	4.0	4.0	
4	3	5.3	5.3	



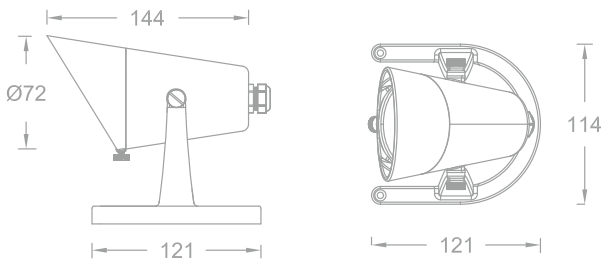
WL5205-LD10E-30WT

0° Aiming Angle				
D(M)	LUX	W	L	
1	72	1.3	1.3	
2	18	2.7	2.7	
3	8	4.0	4.0	
4	5	5.4	5.4	



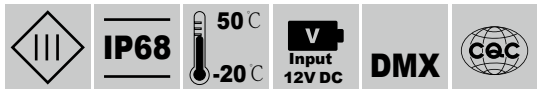
Waterfront Residence
Long Island, New York

Underwater Spot



AQUASTAR Spot Ø72

- Body material: Cast Brass construction
- Optical system: Lens
- Adjustable angle: -30° to 90° vertical aiming tilt
- LED type: High Power LED
- LED CCT, lumen output: 3000K 560lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 3000K/4000K/6000K , Ra80; Blue/RGB/RGBW
- LED color consistency: 3 SDCM
- Net weight: 1.7Kg



Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EU1S-07	7(Max)	3	356	ET ON-OFF 12V DC Power Supply MT DMXS12 Dimming 12V DC Power Supply	S 8°	30 3000K	NB Natural Brass
					1 15°	40 4000K	
					2 20°	60 6000K	
					4 40°	FC RGB B Blue	

Example : EU1S-07MT-130NB

Model	Power (W)	LEDs (quantity)	Max Lumens (lm)	Control Systems	Beam	CCT	Finish
EU1S-07	7(Max)	1	160	MT DMXS12 Dimming 12V DC Power Supply	1 15°	F40 RGBW(4000K)	NB Natural Brass
					2 25°	F60 RGBW(6000K)	
					3 35°		

Example : EU1S-07MT-1F40NB

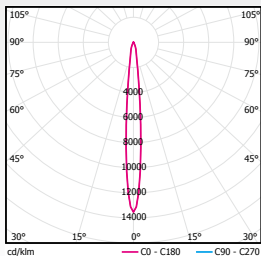
Underwater Spot

IP68 rated for exterior lighting applications, AQUASTAR delivers accent lighting in water fountains and swimming pools, as well as on beachfront properties. The die-cast aluminum housing is engineered for optimal thermal management. A variety of RGB changeable colors can be controlled with DMX and other platforms.

EU1S-07ET-S30NB

0° Aiming Angle

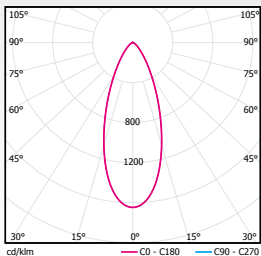
D(m)	LUX	W	L
1	6670	0.2	0.2
2	1668	0.3	0.3
3	741	0.5	0.5
4	417	0.7	0.7



EU1S-07ET-430NB

0° Aiming Angle

D(m)	LUX	W	L
1	782	0.7	0.7
2	195	1.4	1.4
3	87	2.1	2.1
4	49	2.9	2.9

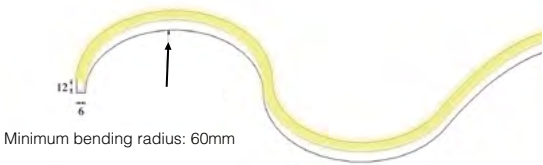
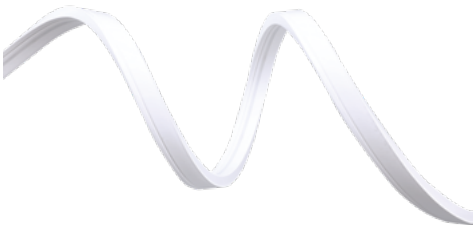




InvisiLED® Tape Light

InvisiLED Exterior

Our flexible InvisiLED features a Silicone tape light to illuminate decks, patios, entryways and other exteriors. Nearly invisible and easy to install, InvisiLED delivers customized lighting solutions for accent and cove lighting applications.



InvisiLED® NEON Vertical FLSV 6mm MONO

- Body Material: Flexible silicone cased tape light
- Finish: High quality extruded silicone casing
- LED type: SMD
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- Minimum bending radius: 60mm
- Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V
- Net weight: 0.3Kg/m

IP65

50 °C

-20 °C

High CRI

V

Input

24V DC

Model	LED Power		Length		Size		Dimming		CCT	Power Feed Type Finish	
FLSV <i>InvisiLED V series IP65</i>	06	<i>6W/m</i>	10	<i>1m</i>	N	<i>6mm Width</i>	E	<i>ON-OFF</i>	27 <i>2700K</i> 30 <i>3000K</i> 40 <i>4000K</i>	S <i>Side</i>	WT <i>White</i>

Example : FLSV-0610N-E27SWT

Accessories

Model	Description	Picture	
FLSV-N-AC	Clips for V series 6mm width,12mm length,3pcs/m Order separately		
FLSV-N-CH	Specified fixed Channel for V series 6mm width,998mm length Need to be ordered separately		

* To customize the length, please consult WAC



InvisiLED® NEON Vertical FLSV 10mm MONO

- Body Material: Flexible silicone cased tape light
 - Finish: High quality extruded silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - Minimum bending radius: 60mm
 - Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V
 - Net weight: 0.3Kg/m

IP65

50 C

-20 C

High CRI

V

Input 24V DC

Model	LED Power		Length		Size	Dimming	CCT		Power Feed Type Finish	
FLSV InvisiLED V series IP65	10	10W/m	10	1m	S 10mm Width	E ON-OFF	27	2700K	S Side	WT White
	14	14W/m	50	5m			30	3000K		
							40	4000K		

Example : FLSV-1010S-E27SWT



InvisiLED® NEON Vertical FLSV 10mm MONO 14 Phase

- Body Material: Flexible silicone cased tape light
 - Finish: High quality extruded silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - Minimum bending radius: 60mm
 - Dimming control: InvisiLED® dims beautifully with DMX controller
 - Net weight: 0.3Kg/m

IP65

50 C

-20 C

High CRI

V

Input 24V DC

DMX

Model	LED Power		Length		Size	Dimming	CCT		Power Feed Type Finish	
FLSV InvisiLED V series IP65	14	14W/m	10	1m	S 10mm Width	M Phase Controller by DMX512 Dimming	27	2700K	S Side	WT White
			50	5m			30	3000K		
							40	4000K		

Example : FLSV-1410S-M27SWT

Accessories

Model	Description	Picture	
FLSV-S-AC	Clips for V series 10mm width,3pcs/m Order separately		
FLSV-S-CH	Specified fixed Channel for V series 10mm width,965mm length Need to be ordered separately		
FLSV-S-BB	Flexible channel for V series (Bendable bracket)V series 10mm width,1000mm length Need to be ordered separately		

* To customize the length, please consult WAC

Accessories

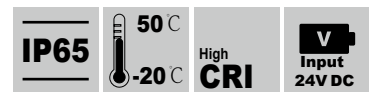
Model	Description	Picture	
FLSV-S-AC	Clips for V series 10mm width,3pcs/m Order separately		
FLSV-S-CH	Specified fixed Channel for V series 10mm width,965mm length Need to be ordered separately		
FLSV-S-BB	Flexible channel for V series (Bendable bracket)V series 10mm width,1000mm length Need to be ordered separately		

* To customize the length, please consult WAC



InvisiLED® NEON Vertical FLSV 10mm RGBW

- Body Material: Flexible silicone cased tape light
 - Finish: High quality extruded silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - Minimum bending radius: 60mm
 - Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V
 - Net weight: 0.3Kg/m



Model	LED Power		Length		Size		Dimming		CCT	Power Feed Type Finish	
FLSV <i>InvisiLED V series IP65</i>	18	18W/m	10	1m	S	10mm Width	E	ON-OFF	F2 RGBW(2700K) F3 RGBW(3000K) F4 RGBW(4000K)	S Side	WT White
			50	5m							

Example : FLSV-1810S-EF2SWT

Accessories

Model	Description	Picture	
FLSV-S-AC	Clips for V series 10mm width,3pcs/m Order separately		
FLSV-S-CH	Specified fixed Channel for V series 10mm width,965mm length Need to be ordered separately		
FLSV-S-BB	Flexible channel for V series (Bendable bracket)V series 10mm width,1000mm length Need to be ordered separately		

* To customize the length, please consult WAC



InvisiLED® NEON Vertical FLSV 10mm RGBW 14 Phase

- Body Material: Flexible silicone cased tape light
 - Finish: High quality extruded silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - Minimum bending radius: 60mm
 - Dimming control: InvisiLED® dims beautifully with DMX controller
 - Net weight: 0.3Kg/m



Model	LED Power		Length		Size		Dimming		CCT	Power Feed Type Finish	
FLSV <i>InvisiLED V series IP65</i>	18	18W/m	10	1m	S	10mm Width	M	Phase Controller by DMX512 Dimming	F2 RGBW(2700K) F3 RGBW(3000K) F4 RGBW(4000K)	S Side	WT White
			50	5m							

Example : FLSV-1810S-MF2SWT

Accessories

Model	Description	Picture	
FLSV-S-AC	Clips for V series 10mm width,3pcs/m Order separately		
FLSV-S-CH	Specified fixed Channel for V series 10mm width,965mm length Need to be ordered separately		
FLSV-S-BB	Flexible channel for V series (Bendable bracket)V series 10mm width,1000mm length Need to be ordered separately		

* To customize the length, please consult WAC



InvisiLED® NEON horizontal 13mm MONO

- Body Material: Flexible silicone cased tape light
 - Finish: High quality extruded silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - Minimum bending radius: 60mm
 - Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V
 - Net weight: 0.3Kg/m

IP65

50 C

-20 C

High CRI

V

Input 24V DC

Model	LED Power		Length		Size		Dimming	CCT		Power Feed Type Finish	
FLSH InvisiLED H series IP65	10	10W/m	10	1m	M	13mm Width	E	ON-OFF	27	S	WT
	14	14W/m	50	5m					30		
									40		

Example : FLSH-1010M-E275WT

Accessories

Model	Description	Picture	
FLSH-M-AC	Clips for H series 13mm width,3pcs/m Order separately		
FLSV-M-CH	Specified fixed Channel for H series 13mm width,965mm length Need to be ordered separately		

* To customize the length, please consult WAC



InvisiLED® NEON Horizontal 20mm MONO

- Body Material: Flexible silicone cased tape light
 - Finish: High quality extruded silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - Minimum bending radius: 100mm
 - Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V
 - Net weight: 0.6Kg/m

IP65

50 C

-20 C

High CRI

V

Input 24V DC

Model	LED Power		Length		Size		Dimming	CCT		Power Feed Type Finish	
FLSH InvisiLED H series IP65	18	18W/m	10	1m	L	20mm Width	E	ON-OFF	27	S	WT
			50	5m					30		
									40		

Example : FLSH-1810L-E275WT

Accessories

Model	Description	Picture	
FLSH-L-AC	Clips for H series 20mm width,3pcs/m Order separately		
FLSV-L-CH	Specified fixed Channel for H series 20mm width,965mm length Need to be ordered separately		

* To customize the length, please consult WAC



InvisiLED® NEON Horizontal 20mm MONO 14 Phase

- Body Material: Flexible silicone cased tape light
 - Finish: High quality extruded silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - Minimum bending radius: 100mm
 - Dimming control: InvisiLED® dims beautifully with DMX controller
 - Net weight: 0.6Kg/m

InvisiLED® NEON Horizontal 20mm RGBW

- Body Material: Flexible silicone cased tape light
 - Finish: High quality extruded silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - Minimum bending radius: 100mm
 - Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V
 - Net weight: 0.6Kg/m

IP65

50 °C

-20 °C

High CRI

V

Input

24V DC

DMX

IP65

50 °C

-20 °C

High CRI

V

Input

24V DC

Model	LED Power	Length	Size	Dimming	CCT	Power Feed Type	Finish
FLSH <i>InvisiLED H series IP65</i>	14 14W/m	10 1m 50 5m	L 20mm Width	M Phase Controller by DMXS12 Dimming	27 2700K 30 3000K 40 4000K	S Side	WT White

Model	LED Power	Length	Size	Dimming	CCT	Power Feed Type	Finish
FLSH <i>InvisiLED H series IP65</i>	18 18W/m	10 1m 50 5m	L 20mm Width	E ON-OFF	F2 RGBW(2700K) F3 RGBW(3000K) F4 RGBW(4000K)	S Side	WT White

Example : FLSH-1410L-M27SWT

Example : FLSH-1810L-EF2SWT

Accessories

Model	Description	Picture
FLSH-L-AC	Clips for H series 20mm width,3pcs/m Order separately	
FLSV-L-CH	Specified fixed Channel for H series 20mm width,965mm length Need to be ordered separately	

* To customize the length, please consult WAC

Accessories

Model	Description	Picture
FLSH-L-AC	Clips for H series 20mm width,3pcs/m Order separately	
FLSV-L-CH	Specified fixed Channel for H series 20mm width,965mm length Need to be ordered separately	

* To customize the length, please consult WAC



InvisiLED® NEON Horizontal 20mm RGBW 14 Phase

- Body Material: Flexible silicone cased tape light
 - Finish: High quality extruded silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - Minimum bending radius: 100mm
 - Dimming control: InvisiLED® dims beautifully with DMX controller
 - Net weight: 0.6Kg/m

IP65

50℃

-20℃

High CRI

V

Input

24V DC

DMX

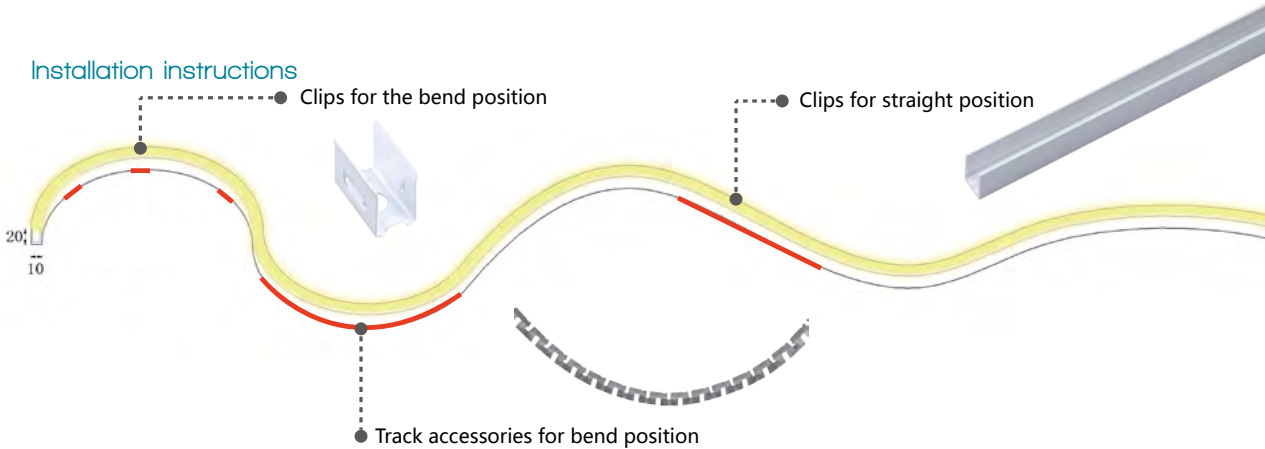
Model	LED Power	Length	Size	Dimming	CCT	Power Feed Type	Finish
FLSH <i>InvisiLED H series IP65</i>	18 18W/m	10 1m 50 5m	L 20mm Width	M Phase Controller by DMX512 Dimming	F2 RGBW(2700K) F3 RGBW(3000K) F4 RGBW(4000K)	S Side	WT White

Example : FLSH-1810L-MF2SWT

Accessories

Model	Description	Picture
FLSH-L-AC	Clips for H series 20mm width,3pcs/m Order separately	
FLSV-L-CH	Specified fixed Channel for H series 20mm width,965mm length Need to be ordered separately	

* To customize the length, please consult WAC



Illuminated display effects





InvisiLED® OUTDOOR PROLONG

- Body material: Flexible silicone cased tape light
 - Finish: Clear Silicone casing
- LED type: SMD
 - Minimum cutting: 8.3cm for 60 LEDs
4.2cm for 120 LEDs
 - Light efficacy: 75lm/W
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
 - Net weight: 0.1Kg/m

IP65

50 °C

-20 °C

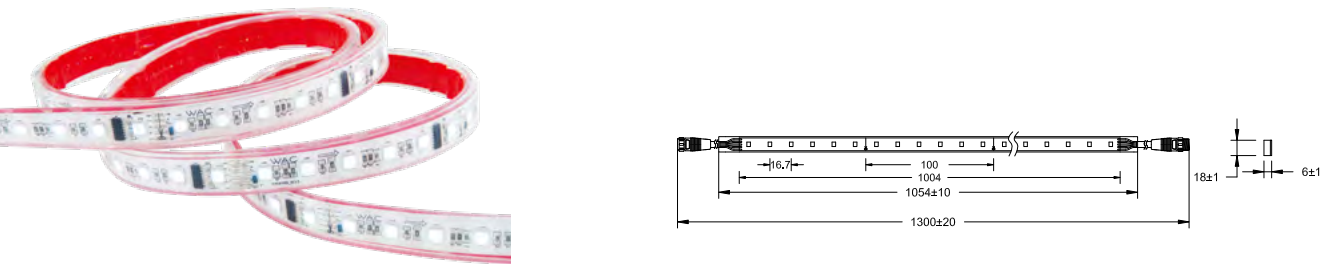
High CRI

V

Input 24V DC

Model	LED Power		Length		CRI		CCT		Series
FLSP <i>InvisiLED Prolong</i>	05	5W/m	10	1m	9	90	27	2700K	G <i>G series</i>
	08	8W/m		30		3000K			
	11	11W/m		35		3500K			
				40		4000K			
			A0 10m						

Example : FLSP-0510-927G



InvisiLED® OUTDOOR DMX

- Body material: Flexible silicone cased tape light
 - Finish: Clear Silicone casing
- LED type: SMD
 - LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color: 2700K/3000K/4000K/ RGB
 - Dimming control: InvisiLED® dims beautifully with DMX controller
 - Net weight: 0.1Kg/m

IP67

50 °C

-20 °C

V

Input 24V DC

DMX

Model	LED Power	Length	Feature	CCT
FLSG <i>InvisiLED Outdoor</i>	12 12W/m	10 1m	MT DMX512 Dimming 24V DC Power Supply	FC RGB
		30 3m		27W 2700K
		50 5m		30W 3000K
				40W 4000K

Example : FLSG-1210MT-FC

Accessories

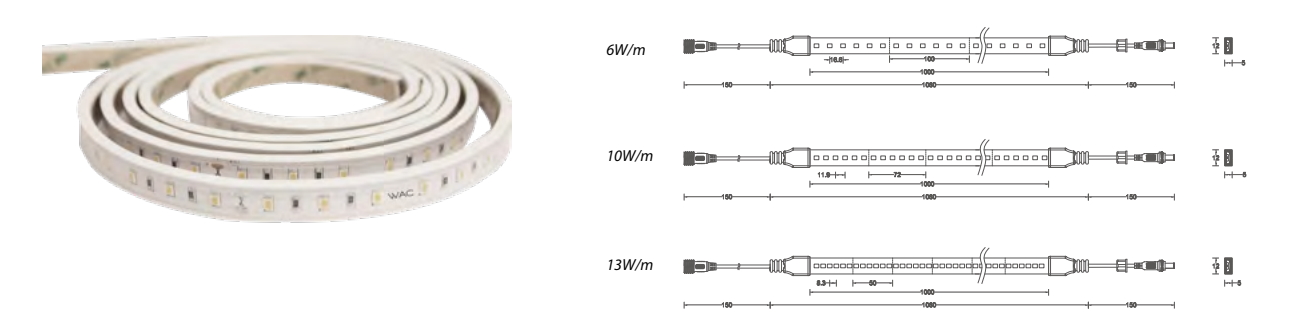
Model	Description
FLSP-F-G	Female connector for InvisiLED® Prolong series
FLSP-M-G	Male connector for InvisiLED® Prolong series

* To customize the length, please consult WAC

Accessories

Model	Description
FLSG-MT-F	Female connector for InvisiLED®Outdoor DMX series input, length 100m, black
LED-T10-2014	Channel for InvisiLED®Outdoor DMX series, 20*14*1000mm, white

* To customize the length, please consult WAC



InvisiLED® E

- Body material: Flexible silicone cased tape light
- Finish: High quality extruded silicone casing
- LED type: SMD
- LED wattage, CCT, lumen output: 6W 3000K 470lm
10W 3000K 760lm
13W 3000K 965lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- System light efficiency: 80lm/W
- LED color consistency: 3 SDCM
- Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.16Kg/m

IP65

50 °C

-20 °C

High CRI

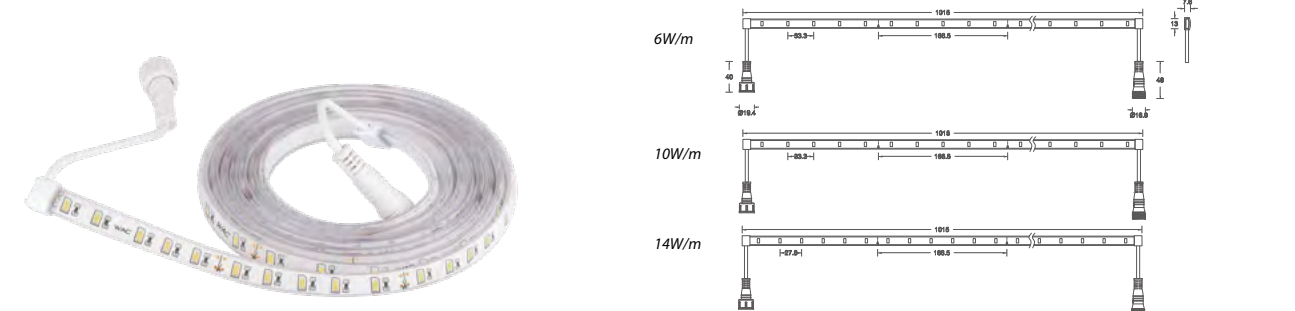
V

Input

24V DC

Model	LED Power	Length	CRI	CCT	Series
FLSE InvisiLED E series IP65	06 6W/m	10 1m 50 5m	9 90	27 2700K	G2WT
	10 10W/m			30 3000K	
	13 13W/m			40 4000K	

Example : FLSE-0610-927G2WT



InvisiLED® 24V

- Body material: Flexible silicone cased tape light
- Finish: Clear Silicone casing
- LED type: SMD
- LED wattage, CCT, lumen output: 6W 3000K 420lm
10W 3000K 700lm
13W 3000K 910lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 2400K/2700K/3000K/3500K/4000K/6000K, Ra80
- LED color consistency: 5 SDCM
- Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.1Kg/m

IP68

50 °C

-20 °C

V Input 24V DC

Model	LED Power	Length	CRI	CCT	Series
FLSG InvisiLED Outdoor	06 6W/m	10 1m 30 3m 50 5m	8 80	24 2400K	H2WT
	10 10W/m			27 2700K	
	14 14W/m			30 3000K	
				35 3500K	
				40 4000K	
				60 6000K	

Example : FLSG-0610-824H2WT

Accessories

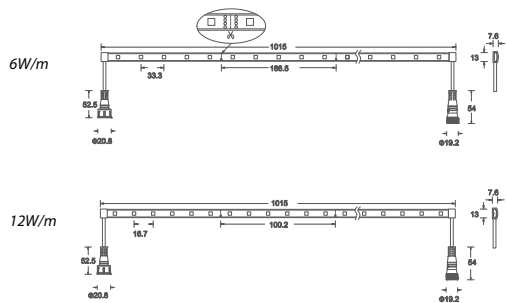
Model	Description	Picture
FLSE-015-M	Male connector Length 15cm	
LED-TO24-CH3-C	Rigid, non-flexible channel for mounting to a straight, solid surface. 948mm length	
LED-TO24-CH5-C	Rigid, non-flexible channel for mounting to a straight, solid surface, length 1494mm	

* To customize the length, please consult WAC

Accessories

Model	Description	Picture
LED-TO24-IL6-BK	Female connector for Input, length 300mm	
LED-TO24-IC6/12/72/120	Connect two sections of invisILED® Outdoor. 150mm/300mm/1800mm/3000mm offered	
LED-TO24-CH3-C	Rigid, non-flexible channel for mounting to a straight, solid surface. length 948mm	
LED-TO24-CH5-C	Rigid, non-flexible channel for mounting to a straight, solid surface, length 1494mm	
LED-TO24-C1	For installation on non-flat surface, allows for contact on one edge. Two mounting clips per foot are recommended	
LED-TO24-C2	For installation on non-flat surfaces where there is no edge contact. Two mounting clips per foot are recommended	
LED-TO24-C3	For installation on non-flat surface, allows for contact on both edges. Two mounting clips per foot are recommended	
LED-TO24-EC	Use to terminate every run to protect against contaminants. Seal cut end with silicon after adding end cap	

* To customize the length, please consult WAC



InvisiLED® RGB 24V

- Body material: Flexible silicone cased tape light
- Finish: Clear Silicone casing
- LED type: SMD
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color: RGB
- Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.1Kg/m

IP68

50 C

-20 C

V

Input

24V DC

Model	Power	Length	Color
FLSG	06	10	RGB
	12	30	
		50	

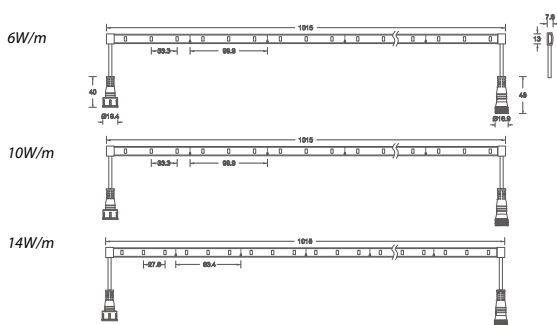
Example: FLSG-0610-RGB-C

R	G	B	
255	60	110	
0	190	255	
255	80	10	
70	255	10	
255	200	60	

Accessories

Model	Description	Picture
FLSG-M-RGB	Male connector for InvisiLED® Outdoor RGB, 200mm	
FLSG-F-RGB	Female connector for InvisiLED® Outdoor RGB, 200mm	
FLSG-IC6-RGB	Jumper for InvisiLED® Outdoor RGB, 150mm	
FLSG-IC12-RGB	Jumper for InvisiLED® Outdoor RGB, 300mm	
FLSG-IC72-RGB	Jumper for InvisiLED® Outdoor RGB, 1800mm	
FLSG-IC120-RGB	Jumper for InvisiLED® Outdoor RGB 3000mm	
LED-TO24-CH3-C	Rigid, non-flexible channel for mounting to a straight, solid surface. 948mm length	
LED-TO24-CH5-C	Rigid, non-flexible channel for mounting to a straight, solid surface, length 1494mm	

* To customize the length, please consult WAC



InvisiLED® 12V

- Body material: Flexible silicone cased tape light
- Finish: Clear Silicone casing
- LED type: SMD
- LED wattage, CCT, lumen output: 6W 3000K 420lm
10W 3000K 700lm
14W 3000K 910lm
- LED lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- CCT/CRI: 2400K/2700K/3000K/3500K/4000K/6000K, Ra80
- LED color consistency: 5 SDCM
- Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net weight: 0.1Kg/m

IP68

50 C

-20 C

V

Input

12V DC

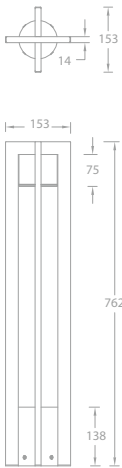
Model	LED Power	Length	CRI	CCT	Series
FLSU InvisiLED Outdoor 12V	06	10	8	24	H2WT
	10	30		27	
	14	50		30	
				35	
				40	

Example : FLSU-0610-824H2WT

Accessories

Model	Description	Picture	Model	Description	Picture
LED-TO24-IL6-BK	Rigid, non-flexible channel for mounting to a straight, solid surface(Female connector, 300mm Length)		LED-TO24-C3	For installation on non-flat surface, allows for contact on both edges. Two mounting clips per foot are recommended	
LED-TO24-IC6/12/72/120	Connect two sections of invisILED® Outdoor. 150mm/300mm/1800mm/3000mm offered 150mm/300mm/1800mm/3000mm		LED-TO24-EC	Use to terminate every run to protect against contaminants. Seal cut end with silicon after adding end cap	
LED-TO24-CH3-C	Rigid, non-flexible channel for mounting to a straight, solid surface. 948mm length		Accessories are excluded and need to be ordered separately.		
LED-TO24-CH5-C	Rigid, non-flexible channel for mounting to a straight, solid surface, length 1494mm		* To customize the length, please consult WAC		
LED-TO24-C1	For installation on non-flat surface, allows for contact on one edge. Two mounting clips per foot are recommended				
LED-TO24-C2	For installation on non-flat surfaces where there is no edge contact. Two mounting clips per foot are recommended				

LED Bollards and Path Lights



CHAMBER LED BOLLARD

- Body material: Highly durable extruded aluminum
- Optical system: Frosted tempered glass
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Stainless steel mounting base
- LED type: SMD
- LED CCT, lumen output: 3000K 1248lm
- LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED color consistency: 3 SDCM
- Net weight: 4.3Kg

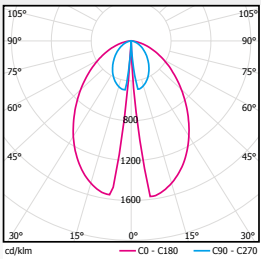


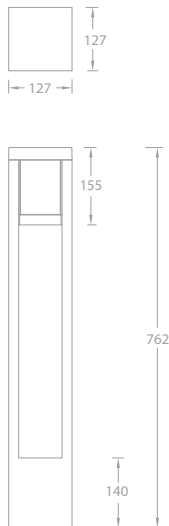
Model	Height (mm)	Power (W)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EBA508-10	762	10(Max)	530	EL ON-OFF 220V AC Power Supply	C Circle	C Optical Module C	27 2700K 30 3000K 40 4000K	BK BZ Black Bronze

Example : EBA508-10EL-CC30BZ

LED Bollards and Path Lights

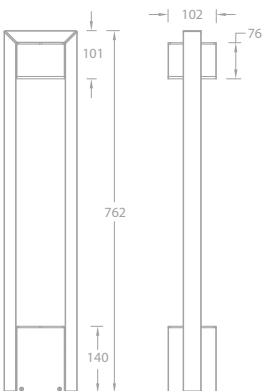
The LED Bollards feature factory sealed water-tight aluminum luminaires to stand up to the elements and a create a safer and more pleasant exterior. The Bollard series offers patented optical systems, sophisticated designs and superior lighting performance, including four different types of lighting distributions which are perfect for most landscape applications.





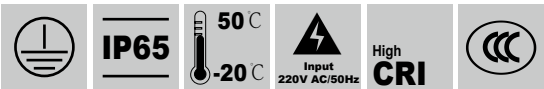
TOWER LED BOLLARD

- Body material: Highly durable extruded aluminum
 - Optical system: Frosted tempered glass
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Stainless steel mounting base
- LED type: SMD
 - LED CCT, lumen output: 3000K 1248lm
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 4.3Kg



PARK LED BOLLARD

- Body material: Highly durable extruded aluminum
 - Optical system: Frosted tempered glass
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Stainless steel mounting base
- LED type: SMD
 - LED CCT, lumen output: 3000K 1248lm
 - LED lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 4.0Kg



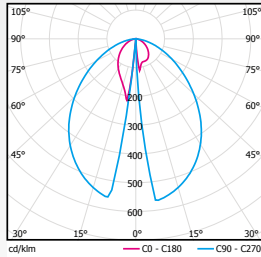
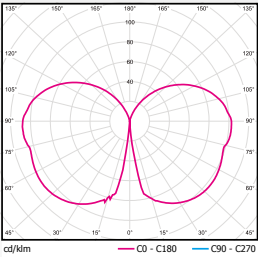
Model	Height (mm)	Power (W)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EBA608-10	762	10(Max)	570	EL ON-OFF 220V AC Power Supply	C Circle	D Optical Module D	27 2700K 30 3000K 40 4000K	BK Black BZ Bronze

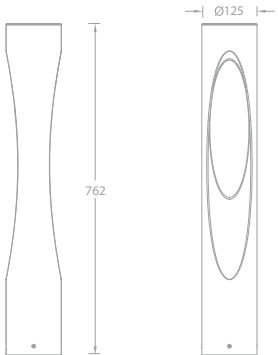
Example : EBA608-10EL-CD30BZ



Model	Height (mm)	Power (W)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EBA708-10	762	10(Max)	594	EL ON-OFF 220V AC Power Supply	D Double	A Optical Module A	27 2700K 30 3000K 40 4000K	BK Black BZ Bronze

Example : EBA708-10EL-DA30BZ





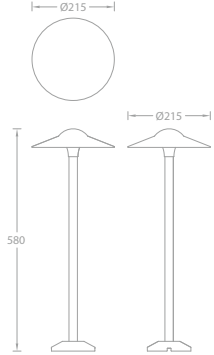
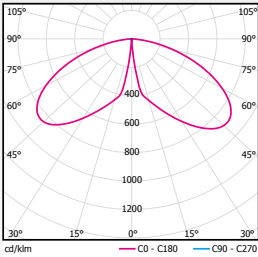
SCOOP LED BOLLARD

- Body material: Solid aluminum construction
 - Optical system: Tempered glass
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Stainless steel mounting base
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 780lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 5.7Kg



Model	Height (mm)	Power (W)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EBA808-10	762	10(Max)	283	EL ON-OFF 220V AC Power Supply	D Doulbe	A Optical Module A	27 30 40 2700K 3000K 4000K	BK BZ Black Bronze

Example : EBA808-10EL-DA30BZ



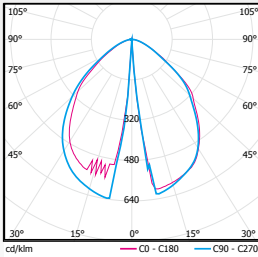
CANOPY LED AREA LIGHT

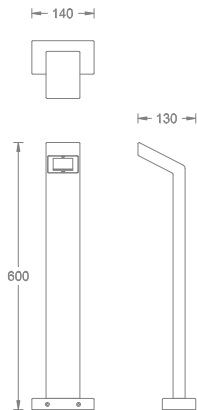
- Body material: Die-cast aluminum lamp holder and highly durable extruded aluminum
 - Optical system: Frosted PC
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Die-cast base mounting
- LED type: SMD
 - LED CCT, lumen output: 3000K 520lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 1.1Kg



Model	Height (mm)	Power (W)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EBA106-06	580	6(Max)	298	EL ON-OFF 220V AC Power Supply	C Circle	C Optical Module C	27 30 40 2700K 3000K 4000K	BK BZ Black Bronze

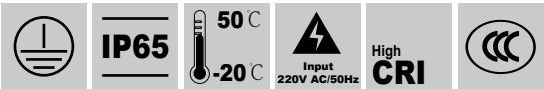
Example : EBA106-06EL-CC30BZ





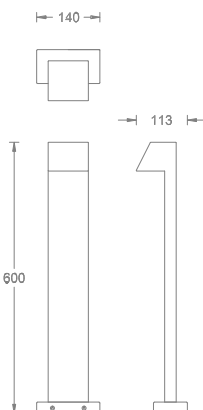
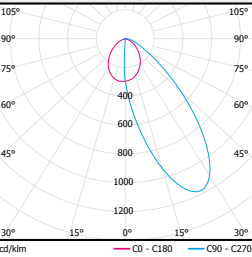
LINEAR LED PATH

- Body material: Highly durable extruded aluminum
 - Optical system: Tempered clear glass
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Stainless steel mounting base
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 700lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.0Kg



Model	Height (mm)	Power (W)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EBA206-06	600	6(Max)	348	EL ON-OFF 220V AC Power Supply	S Single	B Optical Module B	27 2700K 30 3000K 40 4000K	BK Black BZ Bronze

Example : EBA206-06EL-SB30BZ



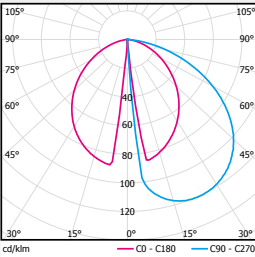
QUAD LED PATH

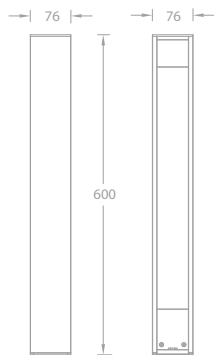
- Body material: Highly durable extruded aluminum
 - Optical system: Frosted tempered glass
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Stainless steel mounting base
- LED type: SMD
 - LED CCT, lumen output: 3000K 520lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.6Kg



Model	Height (mm)	Power (W)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EBA306-06	600	6(Max)	199	EL ON-OFF 220V AC Power Supply	S Single	B Optical Module B	27 2700K 30 3000K 40 4000K	BK Black BZ Bronze

Example : EBA306-06EL-SB30BZ





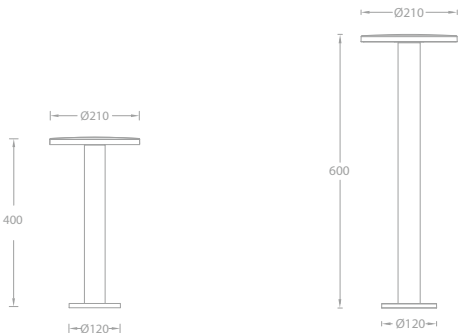
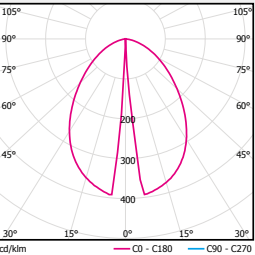
GATE LED PATH

- Body material: Highly durable extruded aluminum
 - Optical system: Frosted tempered glass
 - Finish: Environmentally safe powder coat
 - Accessories/Brackets: Stainless steel mounting base
- LED type: SMD
 - LED CCT, lumen output: 3000K 520lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - LED color consistency: 3 SDCM
 - Net weight: 2.1Kg



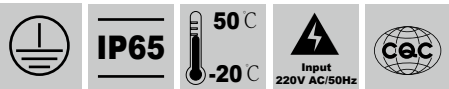
Model	Height (mm)	Power (W)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EBA406-06	600	6(Max)	119	EL ON-OFF 220V AC Power Supply	D Double	A Optical Module A	27 2700K 30 3000K 40 4000K	BK Black BZ Bronze

Example : EBA406-06EL-DA30BK



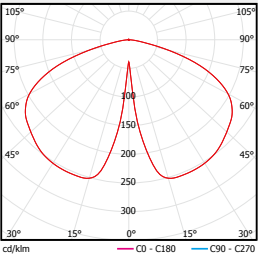
MUSHROOM LED BOLLARD

- Body material: Extruded aluminum profile, stainless steel base and die-cast aluminum trim
 - Optical system: PMMA Lens
 - Finish: Environmentally safe powder coat
 - Adjustable angle: 0° -330° horizontal rotation
- LED type: High Power LED
 - LED CCT, lumen output: 3000K 658lm
 - LED lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
 - CCT/CRI: 2700K/3000K/4000K, Ra>85
 - LED color consistency: 5 SDCM
 - Net weight: 1.7Kg/400mm, 1.9Kg/600mm

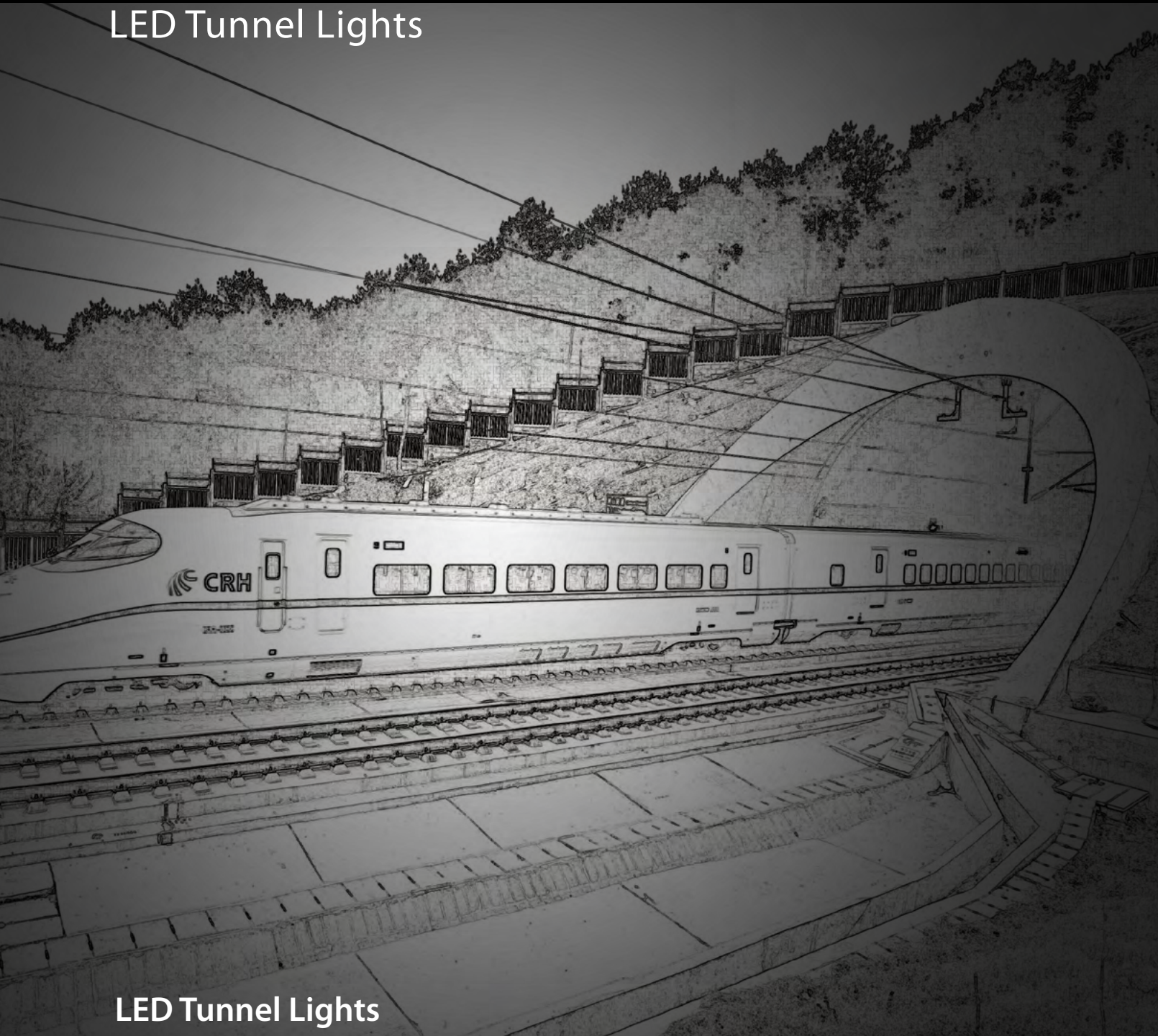


Model	Height (mm)	Power (W)	Max Lumens (lm)	Control Systems	Beam Direction	Module	CCT	Finish
EBM104	400	08 8(Max)	527	EL ON-OFF 220V AC Power Supply	S Single	C Optical Module C	27 2700K 30 3000K 40 4000K	WT White BK Black BZ Bronz
EBM106	600							

Example : EBM104-08EL-SC30BK

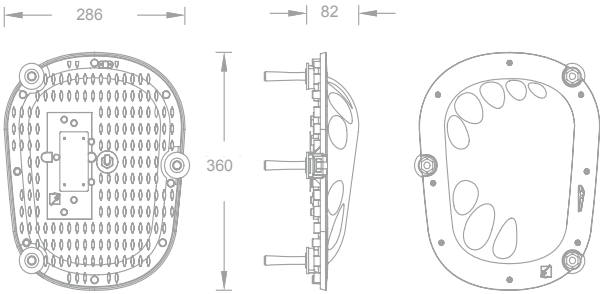


LED Tunnel Lights



LED Tunnel Lights

IP65 rated high performance lighting solutions are engineered with advanced technology for a broad range of train tunnel environments. Designed and engineered to the highest standards, these luminaires have passed stringent aerodynamic tests to withstand the most demanding tunnel environments caused by high speed trains moving at 300 kilometers per hour. These luminaires have also passed tests for vibration and salt spray.

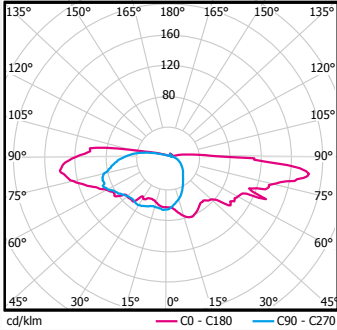


Tunnel

- Die-cast aluminum housing includes waterproof sealed enclosure
- Tested in wind tunnels and to withstand vibration and salt spray
- High impact PMMA Lens shields against UV radiation and corrosion
- Sleek, streamlined design
- Asymmetric beam distribution
- Various mounting options
- IP65 rated for harsh exterior and interior environments

Model	Max Lumens (lm)	Power (W)	Control Systems	Finish
TTL011	1500	LD25	LED 25 E LED Driver (220V/50Hz)	BK Black

Example : TTL011-LD25E-BK

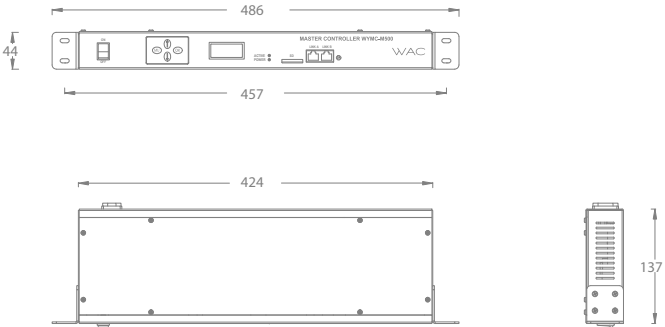




Control Systems

Control Systems

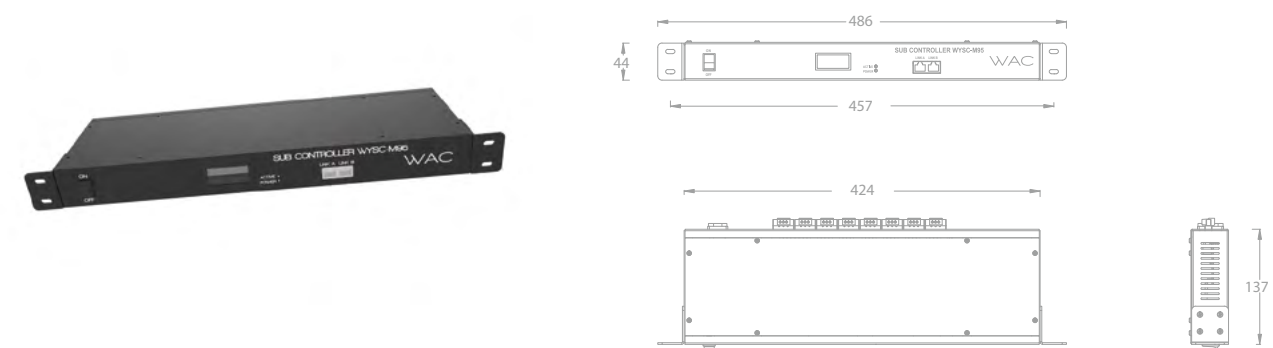
Intelligent controls are offered for all WAC architectural exterior luminaires. Controls are engineered with advanced technology, reliable quality and high load capacity that support DMX512 and SPI control protocols.



WYMC-M500

- Off-line master controller processes output for up to 120,000 individual LED nodes
- SD card features easy storage of various program effects
- Remote unit for easy and convenient control
- Offers off-line scheduling, precise illumination selection, full brightness control, white light adjustment, color changing speed adjustment, and RGBW lighting control
- Controls all WAC architectural exterior luminaires
- Engineered with advanced technology, reliable quality and high load capacity

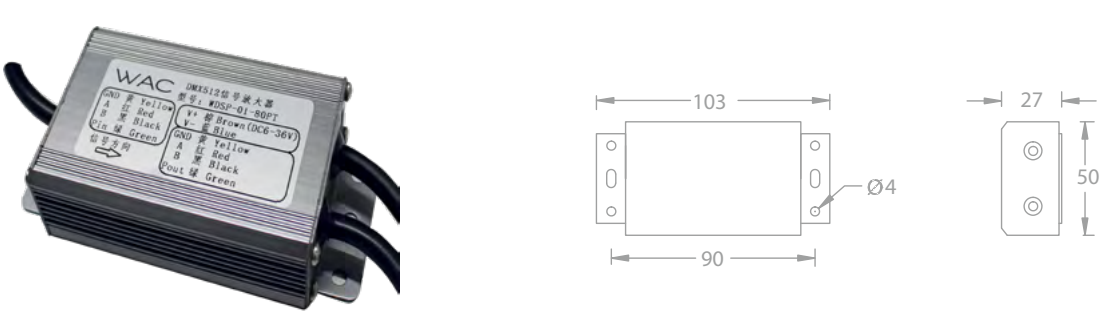
Input Voltage	220V AC
Power Supply	15W
Dimensions	486mm x 137mm x 44mm
Protection Rating	IP20
Operating Temperature	0°-40°



WYSC-M95

- The output of the controller uses protocols of standard USITT DMX512/1990
- Ethernet interface and UDP networking protocol are applied with a maximum transmission range of 100m
- 120Hz refresh rate ensures the stability of frames
- 512 level includes three primary colors and independent brightness control so that the accurate adjustment of white balance becomes more simple and effective
- The module timely displays the controller parameters and status
- Convenient to network between controllers with two network terminals on each controller
- Synchronic control mode- offline player could be added externally
- Operate according to user needs
- 8 output ports with controlled pixel points could reach up to 170 (512 DMX channel)
- Controls all WAC architectural exterior luminaires
- Engineered with advanced technology, reliable quality and high load capacity

Input Voltage	220V AC
Power Supply	15W
Dimensions	486mm x 137mm x 44mm
Protection Rating	IP20
Operating Temperature	0°-40°

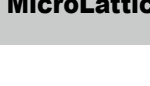


WDSP-01-80PT

- The splitter could reshape and enlarge signal when the DMX512 signal descends after long distance. It has the function of extending signal transmission distance.
- The addressing wire has the function of isolate protection, which protects luminaires and controllers, and improving the success ratio of addressing
- Protocols: Standard DMX512
- Input Voltage: 6V-36V DC
- Isolation voltage: 2500V
- Addressing isolation: Magnetic insulation
- Input : Inground wire、Data+(A)、Data-(B)、Addressing Input (Pin)
- Output: Inground wire、Data+(A)、Date-(B)、Addressing Output (Pout)

Input Voltage	6V-36V DC
Power Supply	2W
Dimensions	103mm x 50mm x 27mm
Protection Rating	IP65
Operating Temperature	0-40 °C

	CLASS I
	CLASS II
	CLASS III
	Ambient Temperature -20°C -50°C
	Ambient Temperature -20°C -40°C
	Dimmable Luminaires
	DMX512 Protocol Compatible
	DALI Compatible
	High CRI (Ra>90)
	Input Voltage 220V AC/50Hz
	Input Voltage 100V-240V AC 50/60Hz
	Low Voltage Input 12V DC
	Low Voltage Input 24V DC
	Low Voltage Input 24V AC/DC
	Low Voltage Input 5V DC

	CCC Certified
	CQC Certified
	IK07 IK Rated
	IK09 IK Rated
	IK08 IK Rated
	Static Load
	IP20 IP Rated
	IP44 IP Rated
	IP65 IP Rated
	IP66 IP Rated
	IP67 IP Rated
	IP68 IP Rated
	Patented SUBROSA® Glare-free optical system
	Patented LiteBrush® optical system
	Patented MicroLattice® optical system

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