

FALCON SQUARE - MODEL:ATL65S

W Track Luminaires

WAC LIGHTING

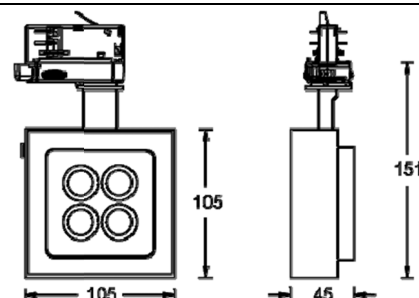
Project Name:

Type:

Product Image



Line Drawing



Product Description

The FALCON Square series LED track spotlights are suitable for W three circuit tracks, with a slim and three-dimensional structure. They use WAC's leading SUBROSA hidden light technology and have a 35 ° anti glare angle, achieving the ultimate anti glare effect; The lamp is equipped with high-quality LED constant current appliances, and advanced wireless dimming control functions can be selected. At the same time, it provides a variety of different light distribution forms and can be equipped with various optical accessories to meet the needs of different application environments, widely used in museums, art galleries, science museums and other places.

Product Features

- Body Material: Die-cast aluminum body, PC optical
- Optical System: Lens+ SUBOROSA optical system
- Finish: Electrostatically powder coated White, Black
- Adjustable Angle: 355° horizontal aiming and 90° vertical aiming
- Accessories: Up to three optical accessories, Each type of accessory can only be equipped with one at a time at most
- Certification: CCC
- IP Rating: IP20
- Insulation Level: Class I
- Operating Temperature: -20°C~40°C

Product Specifications

- LED Type: HP LED
- Source Power: 3W, 8W, or 12W optional
- Source Lm: 3000K: 250lm(3W) / 700lm(8W) / 875lm(12W)
4000K: 265lm(3W) / 740lm(8W) / 925lm(12W)
- LED Lifetime: >50000h-L70 / B10-Ta25°C(LM-80/TM-21)
- CCT/CRI: 3000K/4000K; Ra90 and Ra97 are optional
- SDCM: 3 SDCM
- Input: 220V~240V AC / 50Hz
- Dimming: Knob dimming (range 10%~100%), wireless dimming (requires WAC system), DALI, 0-10V, and knob two in one dimming (must be matched and tested with the project site in advance)
- Net Weight: 0.6Kg without packing

Order Model

Model	LED	Dimming	Beam	CRI	CCT	Finish
ATL65S FALCON SQUARE	LD03 LED 3W	O On-boarding D 0-10V&On-boarding B Wireless A DALI	V 4°	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD08 LED 8W LD12 LED 12W		S 7°			
			1 14°			
			2 20°			
			3 30°			
			4 40°			
			G 20*55°			

FALCON SQUARE - MODEL:ATL65S

WAC LIGHTING

W Track Luminaires

Project Name:

Type:

			E 10*30°			
ATL65S	LD08	O	2	9	30	WT

Example: ATL65SLD08-O2930WT

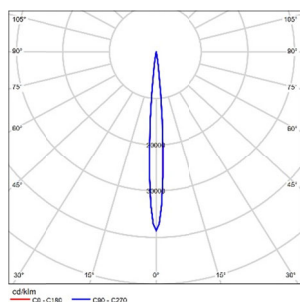
Note: When the light emitting surface of the lamp is parallel to the illuminated surface, 20 * 55 ° and 10 * 30 ° represent horizontally stretched light spots

Accessory

Class I accessories	LENS-TL65S-“typ.” Optical lens (t=3mm)		Model annotation: "Typ." represents: various angle beam diffusion lenses "10D/20D/30D/40D/55D" or stretching lenses "0160D"; Example: LENS-TL65S-10D			
	LENS-TL65S-FR Frosted glass lenses	LENS-TL65S-BSL Soft glass lenses	LENS-TL65S-BEL Stretch glass lenses	LENS-TL65S-HCM Honey Comb Louver		
Class II accessories	LENS-TL65S-WW Wall washing components					
Class III accessories	LENS-TL65-BD Barndoor					

Note: Up to three optical accessories can be added, and each type of accessory can only be added one at a time; Please consult WAC for the beam angle after adding the dimming lens

LIGHT DISTRIBUTION@3000K LUMINAIRE DATA



MODEL: ATL65SLD08-OS930

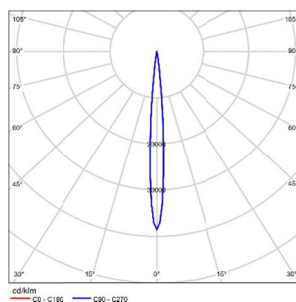
BEAM ANGLE: 7°

POWER: 10W

LUMENS: 271lm

CBCP: 10443cd

EFFICACY: 27lm/W



MODEL: ATL65SLD12-OS930

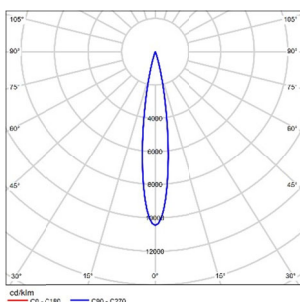
BEAM ANGLE: 7°

POWER: 16W

LUMENS: 380lm

CBCP: 14621cd

EFFICACY: 24lm/W



MODEL: ATL65SLD08-O1930

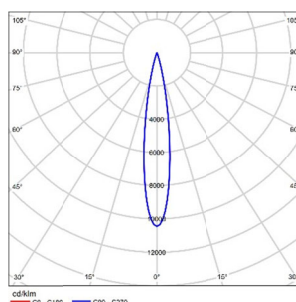
BEAM ANGLE: 14°

POWER: 10W

LUMENS: 433lm

CBCP: 4519cd

EFFICACY: 43lm/W



MODEL: ATL65SLD12-O1930

BEAM ANGLE: 14°

POWER: 16W

LUMENS: 606lm

CBCP: 6327cd

EFFICACY: 38lm/W

WAC Lighting
www.wacighting.com (US)
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WAC Lighting reserves the right to periodically design and update products.2024-01-19

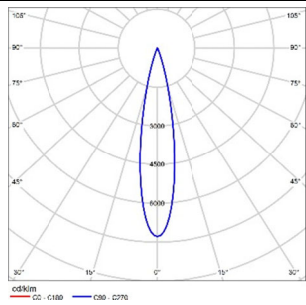
FALCON SQUARE - MODEL:ATL65S

W Track Luminaires

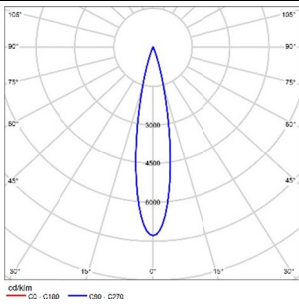
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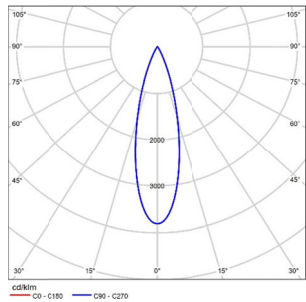
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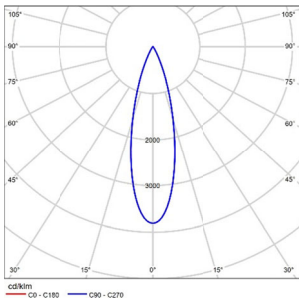
MODEL:	ATL65SLD08-O2930
BEAM ANGLE:	20°
POWER:	10W
LUMENS:	577lm
CBCP:	4201cd
EFFICACY:	58lm/W



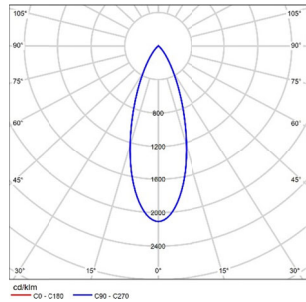
MODEL:	ATL65SLD12-O-2930
BEAM ANGLE:	20°
POWER:	16W
LUMENS:	808lm
CBCP:	5881cd
EFFICACY:	51lm/W



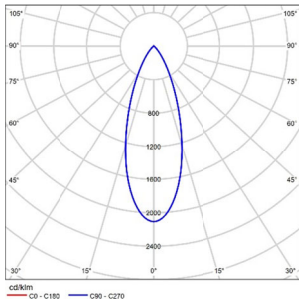
MODEL:	ATL65SLD08-O3930
BEAM ANGLE:	30°
POWER:	10W
LUMENS:	569lm
CBCP:	2169cd
EFFICACY:	57lm/W



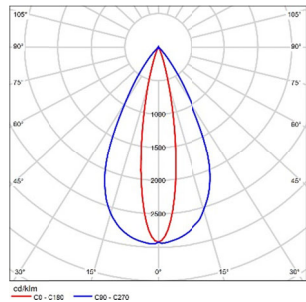
MODEL:	ATL65SLD12-O3930
BEAM ANGLE:	30°
POWER:	16W
LUMENS:	797lm
CBCP:	3036cd
EFFICACY:	50lm/W



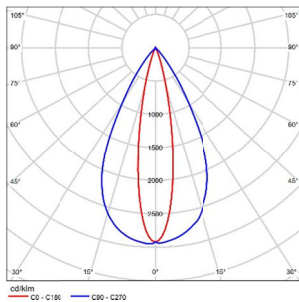
MODEL:	ATL65SLD08-O4930
BEAM ANGLE:	40°
POWER:	10W
LUMENS:	564lm
CBCP:	1187cd
EFFICACY:	56lm/W



MODEL:	ATL65SLD12-O4930
BEAM ANGLE:	40°
POWER:	16W
LUMENS:	508lm
CBCP:	11501cd
EFFICACY:	51lm/W



MODEL:	ATL65SLD08-OG930
BEAM ANGLE:	20*55°
POWER:	10W
LUMENS:	500lm
CBCP:	1461cd
EFFICACY:	50lm/W



MODEL:	ATL65SLD12-OG930
BEAM ANGLE:	20*55°
POWER:	16W
LUMENS:	789lm
CBCP:	1662cd
EFFICACY:	49lm/W

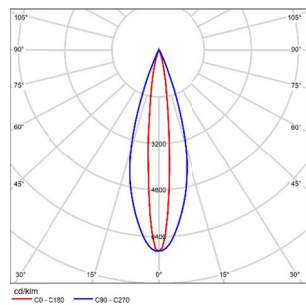
FALCON SQUARE - MODEL:ATL65S

W Track Luminaires

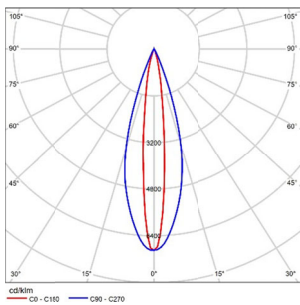
WAC LIGHTING

Project Name:

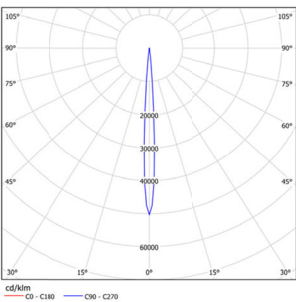
Type:



MODEL:	ATL65SLD08-OE930
BEAM ANGLE:	10*30°
POWER:	10W
LUMENS:	579lm
CBCP:	5064cd
EFFICACY:	58lm/W



MODEL:	ATL65SLD12-OE930
BEAM ANGLE:	10*30°
POWER:	16W
LUMENS:	811lm
CBCP:	7590cd
EFFICACY:	51lm/W



MODEL:	ATL65SLD03-OV930
BEAM ANGLE:	4°
POWER:	4W
LUMENS:	149lm
CBCP:	9901cd
EFFICACY:	37lm/W

FALCON SQUARE - MODEL:ATL66S

W Track Luminaires

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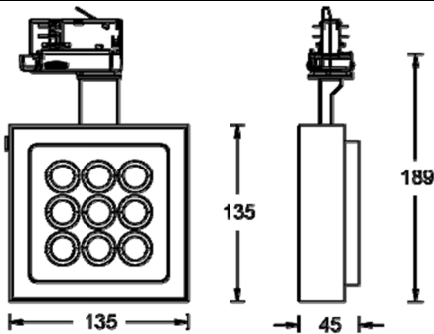
Project Name:

Type:

Product Image



Line Drawing



Product Description

The FALCON Square series LED track spotlights are suitable for W three circuit tracks, with a slim and three-dimensional structure. They use WAC's leading SUBROSA hidden light technology and have a 35 ° anti glare angle, achieving the ultimate anti glare effect; The lamp is equipped with high-quality LED constant current appliances, and advanced wireless dimming control functions can be selected. At the same time, it provides a variety of different light distribution forms and can be equipped with various optical accessories to meet the needs of different application environments, widely used in museums, art galleries, science museums and other places.

Product Features

- Body Material: Die-cast aluminum body, PC optical
- Optical System: Lens+ SUBOROSA optical system
- Finish: Electrostatically powder coated White, Black
- Adjustable Angle: 355° horizontal aiming and 90° vertical aiming
- Accessories: Up to three optical accessories, Each type of accessory can only be equipped with one at a time at most
- Certification: CCC
- IP Rating: IP20
- Insulation Level: Class I
- Operating Temperature: -20°C~40°C

Product Specifications

- LED Type: HP LED
- Source Power: 12W, 18W, or 27W optional
- Source Lm: 3000K : 1000lm(12W) /1575lm(18W) / 2125lm(27W)
4000K : 1060lm(12W) / 1665lm(18W) / 2245lm(27W)
- LED Lifetime: >50000h-L70 /B10-Ta25°C(LM-80/TM-21)
- CCT/CRI: 3000K/4000K; Ra90 and Ra97 are optional
- SDCM: 3 SDCM
- Input: 220V~240V AC / 50Hz
- Dimming: Knob dimming (range 10%~100%), wireless dimming (requires WAC system), DALI, 0-10V, and knob two in one dimming (must be matched and tested with the project site in advance)
- Net Weight: 0.9Kg without packing

Order Model

Model	LED	Dimming	Beam	CRI	CCT	Finish
ATL66S FALCON SQUARE	LD12 LED 12W	O On-boarding D 0-10V&On-boarding B Wireless A DALI	V 4°	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD18 LED 18W LD27 LED 27W		S 7°			
			1 14°			
			2 20°			
			3 30°			
			4 40°			

FALCON SQUARE - MODEL:ATL66S

WAC LIGHTING

W Track Luminaires

Project Name:

Type:

			G 20*55°			
			E 10*30°			
ATL66S	LD18	O	2	9	30	WT

Example: ATL66SLD18-O2930WT

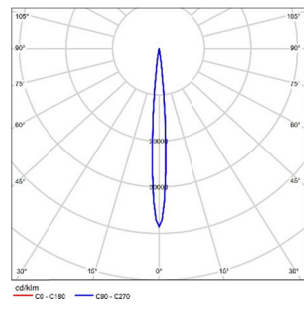
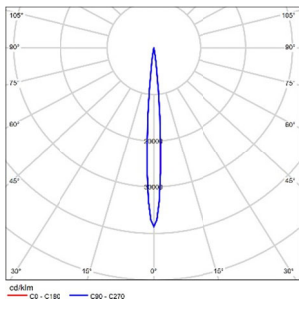
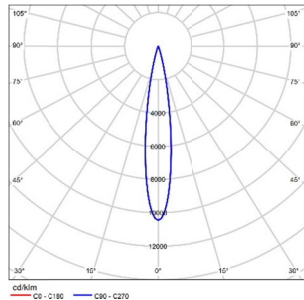
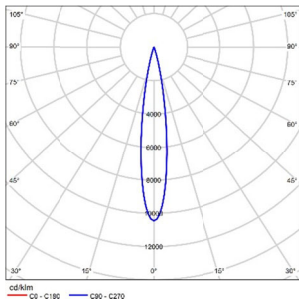
Note: When the light emitting surface of the lamp is parallel to the illuminated surface, 20 * 55 ° and 10 * 30 ° represent horizontally stretched light spots

Accessory

Class I accessories	LENS-TL66S-“typ.” Optical lens (t=3mm)		Model annotation: "Typ." represents: various angle beam diffusion lenses "10D/20D/30D/40D/55D" or stretching lenses "0160D"; Example: LENS-TL66S-10D		
	LENS-TL66S-FR Frosted glass lenses	LENS-TL66S-BSL Soft glass lenses	LENS-TL66S-BEL Stretch glass lenses	LENS-TL66S-HCM Honey Comb Louver	
Class II accessories	LENS-TL66S-WW Wall washing components				
Class III accessories	LENS-TL66-BD Barndoor				

Note: Up to three optical accessories can be added, and each type of accessory can only be added one at a time; Please consult WAC for the beam angle after adding the dimming lens

LIGHT DISTRIBUTION@3000K LUMINAIRE DATA

	MODEL: ATL66SLD18-OS930 BEAM ANGLE: 7° POWER: 21W LUMENS: 574lm CBCP: 19507cd EFFICACY: 27lm/W		MODEL: ATL66SLD27-OS930 BEAM ANGLE: 7° POWER: 31W LUMENS: 803lm CBCP: 27310cd EFFICACY: 26lm/W
	MODEL: ATL66SLD18-O1930 BEAM ANGLE: 14° POWER: 21W LUMENS: 887lm CBCP: 8720cd EFFICACY: 42lm/W		MODEL: ATL66SLD27-O1930 BEAM ANGLE: 14° POWER: 31W LUMENS: 1242lm CBCP: 12208cd EFFICACY: 40lm/W

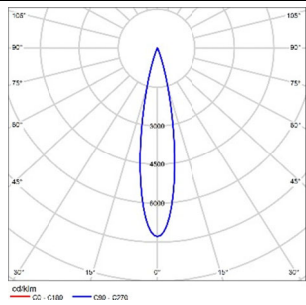
FALCON SQUARE - MODEL:ATL66S

W Track Luminaires

WAC LIGHTING

Project Name:

Type:



MODEL: ATL66SLD18-O2930

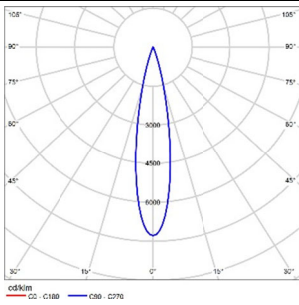
BEAM ANGLE: 20°

POWER: 21W

LUMENS: 1175lm

CBCP: 8066cd

EFFICACY: 56lm/W



MODEL: ATL66SLD27-O2930

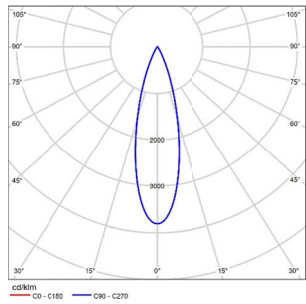
BEAM ANGLE: 20°

POWER: 31W

LUMENS: 1644lm

CBCP: 11292cd

EFFICACY: 53lm/W



MODEL: ATL66SLD18-O3930

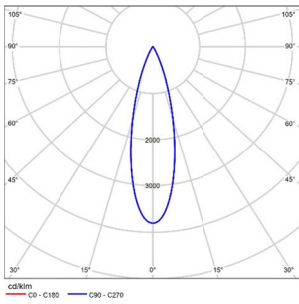
BEAM ANGLE: 30°

POWER: 21W

LUMENS: 1058lm

CBCP: 3879cd

EFFICACY: 50lm/W



MODEL: ATL66SLD27-O3930

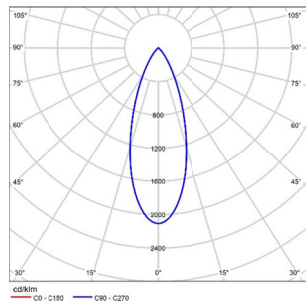
BEAM ANGLE: 30°

POWER: 31W

LUMENS: 1481lm

CBCP: 5431cd

EFFICACY: 48lm/W



MODEL: ATL66SLD18-O4930

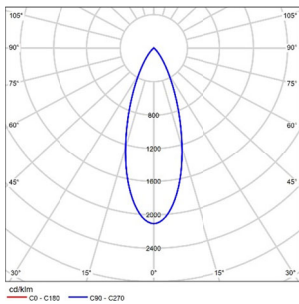
BEAM ANGLE: 40°

POWER: 21W

LUMENS: 908lm

CBCP: 2488cd

EFFICACY: 43lm/W



MODEL: ATL66SLD27-O4930

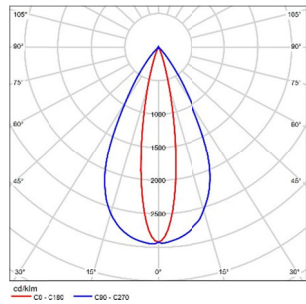
BEAM ANGLE: 40°

POWER: 31W

LUMENS: 1271lm

CBCP: 3484cd

EFFICACY: 41lm/W



MODEL: ATL66SLD18-OG930

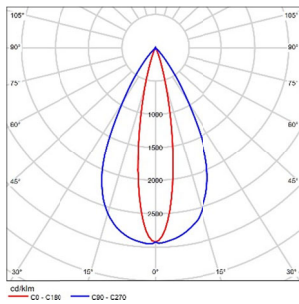
BEAM ANGLE: 20*55°

POWER: 21W

LUMENS: 971lm

CBCP: 3066cd

EFFICACY: 46lm/W



MODEL: ATL66SLD27-OG930

BEAM ANGLE: 20*55°

POWER: 31W

LUMENS: 1357lm

CBCP: 4286cd

EFFICACY: 44lm/W

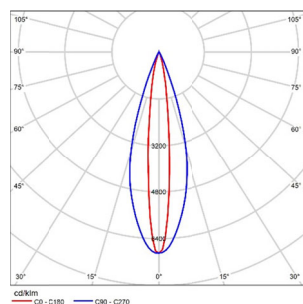
FALCON SQUARE - MODEL:ATL66S

W Track Luminaires

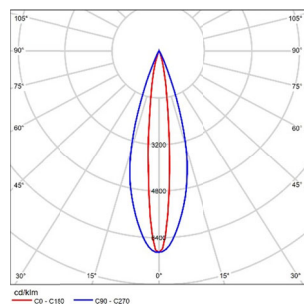
WAC LIGHTING

Project Name:

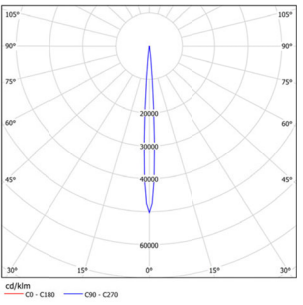
Type:



MODEL:	ATL66SLD18-OE930
BEAM ANGLE:	10*30°
POWER:	21W
LUMENS:	1003lm
CBCP:	6914cd
EFFICACY:	48lm/W



MODEL:	ATL66SLD27-OE930
BEAM ANGLE:	10*30°
POWER:	31W
LUMENS:	1404lm
CBCP:	9673cd
EFFICACY:	45lm/W



MODEL:	ATL66SLD12-OV930
BEAM ANGLE:	4°
POWER:	16W
LUMENS:	685lm
CBCP:	40811cd
EFFICACY:	43lm/W

FALCON SQUARE - MODEL:ATL67S

W Track Luminaires

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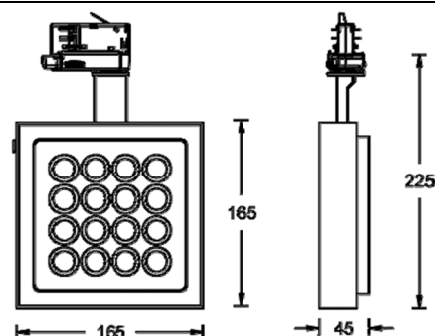
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Type:

Product Image



Line Drawing



Product Description

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Product Features

- Body Material: Die-cast aluminum body, PC optical
- Optical System: Lens+ SUBOROSA optical system
- Finish: Electrostatically powder coated White, Black
- Adjustable Angle: 355° horizontal aiming and 90° vertical aiming
- Accessories: Up to three optical accessories, Each type of accessory can only be equipped with one at a time at most
- Certification: CCC
- IP Rating: IP20
- Insulation Level: Class I
- Operating Temperature: -20°C~40°C

Product Specifications

- LED Type: HP LED
- Source Power: 27W, 32W, or 43W optional
- Source Lm: 3000K : 2125lm(27W) /2800lm(32W) / 2960lm(42W)
4000K : 2245lm(27W) / 3500lm(32W) / 3700lm(42W)
- LED Lifetime: >50000h-L70 /B10-Ta25°C(LM-80/TM-21)
- CCT/CRI: 3000K/4000K; Ra90 and Ra97 are optional
- SDCM: 3 SDCM
- Input: 220V~240V AC / 50Hz
- Dimming: Knob dimming (range 10%~100%), wireless dimming (requires WAC system), DALI, 0-10V, and knob two in one dimming (must be matched and tested with the project site in advance)
- Net Weight: 1.3Kg without packing

Order Model

Model	LED	Dimming	Beam	CRI	CCT	Finish
ATL67S FALCON SQUARE	LD27 LED 27W	O On-boarding D 0-10V&On-boarding B Wireless A DALI	V 4°	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD32 LED 32W LD43 LED 43W		S 7°			
			1 14°			
			2 20°			
			3 30°			
			4 40°			

WAC Lighting
www.waclighting.com (US)
www.waclighting.net (International)

Headquarters
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FALCON SQUARE - MODEL:ATL67S

WAC LIGHTING

W Track Luminaires

Project Name:

Type:

			G 20*55°			
			E 10*30°			
ATL67S	LD32	O	2	9	30	WT

Example: ATL67SLD32-O2930WT

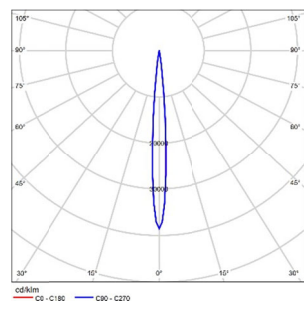
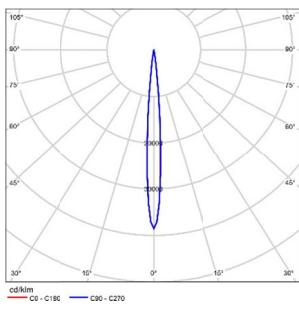
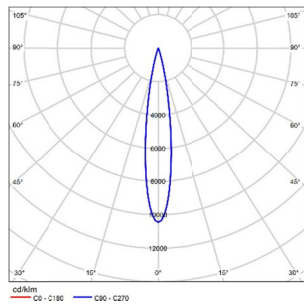
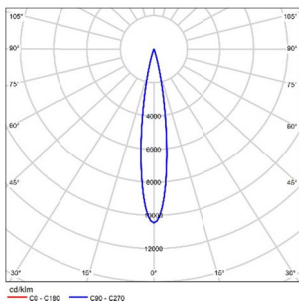
Note: When the light emitting surface of the lamp is parallel to the illuminated surface, 20 * 55 ° and 10 * 30 ° represent horizontally stretched light spots

Accessory

Class I accessories	LENS-TL67S-“typ.” Optical lens (t=3mm)		Model annotation: "Typ." represents: various angle beam diffusion lenses "10D/20D/30D/40D/55D" or stretching lenses "0160D"; Example: LENS-TL67S-10D		
	LENS-TL67S-FR Frosted glass lenses	LENS-TL67S-BSL Soft glass lenses	LENS-TL67S-BEL Stretch glass lenses	LENS-TL67S-HCM Honey Comb Louver	
Class II accessories	LENS-TL67S-WW Wall washing components				
Class III accessories	LENS-TL67-BD Barndoor				

Note: Up to three optical accessories can be added, and each type of accessory can only be added one at a time; Please consult WAC for the beam angle after adding the dimming lens

LIGHT DISTRIBUTION@3000K LUMINAIRE DATA

	MODEL: ATL67SLD32-OS930 BEAM ANGLE: 7° POWER: 36W LUMENS: 953lm CBCP: 32610cd EFFICACY: 26lm/W		MODEL: ATL67SLD43-OS930 BEAM ANGLE: 7° POWER: 48W LUMENS: 1209lm CBCP: 41383cd EFFICACY: 25lm/W
	MODEL: ATL67SLD32-O1930 BEAM ANGLE: 14° POWER: 36W LUMENS: 1570lm CBCP: 15736cd EFFICACY: 44lm/W		MODEL: ATL67SLD48-O1930 BEAM ANGLE: 14° POWER: 48W LUMENS: 1992lm CBCP: 19969cd EFFICACY: 42lm/W

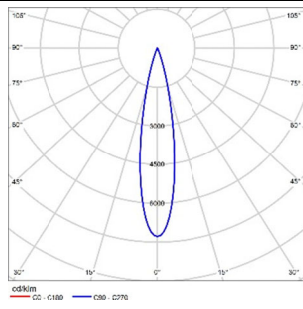
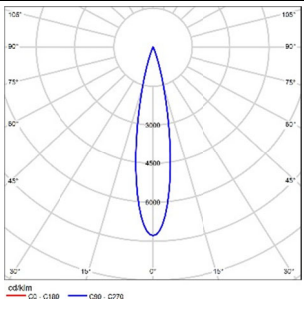
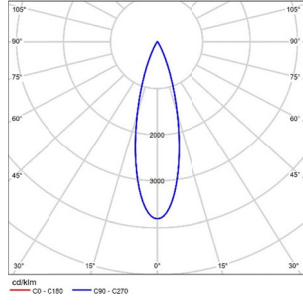
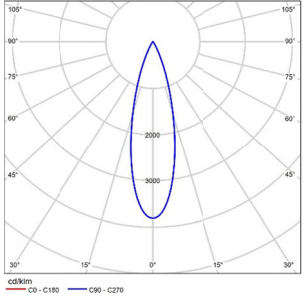
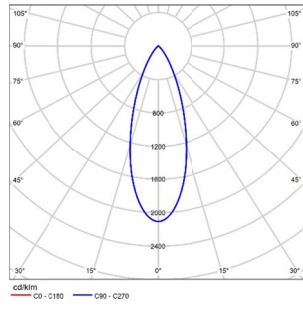
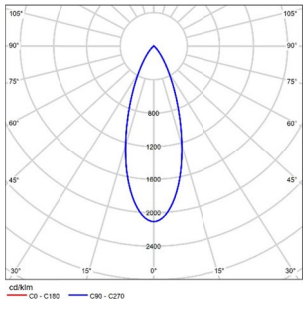
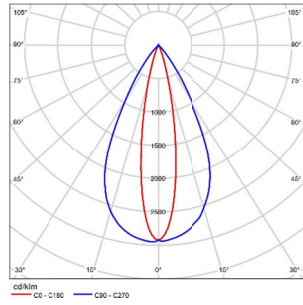
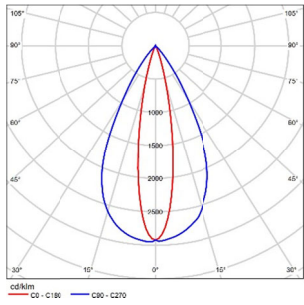
FALCON SQUARE - MODEL:ATL67S

WAC LIGHTING

W Track Luminaires

Project Name:

Type:

	MODEL: ATL67SLD32-O2930 BEAM ANGLE: 20° POWER: 36W LUMENS: 2045lm CBCP: 14394cd EFFICACY: 57lm/W		MODEL: ATL67SLD43-O2930 BEAM ANGLE: 20° POWER: 48W LUMENS: 2596lm CBCP: 18266cd EFFICACY: 54lm/W
	MODEL: ATL67SLD32-O3930 BEAM ANGLE: 30° POWER: 36W LUMENS: 1808lm CBCP: 6913cd EFFICACY: 50lm/W		MODEL: ATL67SLD43-O3930 BEAM ANGLE: 30° POWER: 48W LUMENS: 2295lm CBCP: 8773cd EFFICACY: 48lm/W
	MODEL: ATL67SLD32-O4930 BEAM ANGLE: 40° POWER: 36W LUMENS: 1621lm CBCP: 4385cd EFFICACY: 45lm/W		MODEL: ATL67SLD43-O4930 BEAM ANGLE: 40° POWER: 48W LUMENS: 2057lm CBCP: 5565cd EFFICACY: 43lm/W
	MODEL: ATL67SLD32-OG930 BEAM ANGLE: 20*55° POWER: 36W LUMENS: 1821lm CBCP: 5490cd EFFICACY: 51lm/W		MODEL: ATL67SLD43-OS930 BEAM ANGLE: 20*55° POWER: 48W LUMENS: 2311lm CBCP: 6967cd EFFICACY: 48lm/W

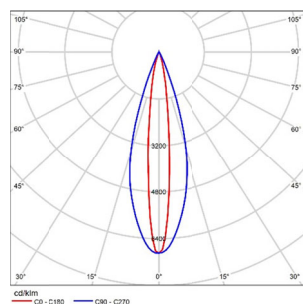
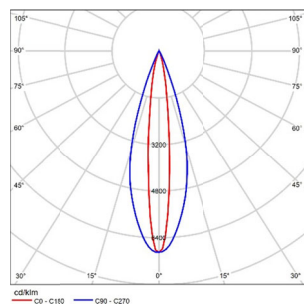
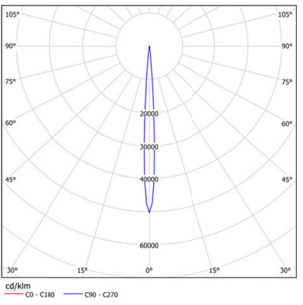
FALCON SQUARE - MODEL:ATL67S

W Track Luminaires

WAC LIGHTING

Project Name:

Type:

	MODEL:ATL67SLD32-OE930 BEAM ANGLE:10*30° POWER:36W LUMENS:1655lm CBCP:11107cd EFFICACY:46lm/W		MODEL:ATL67SLD43-OE930 BEAM ANGLE:10*30° POWER:48W LUMENS:2100lm CBCP:14095cd EFFICACY:44lm/W
	MODEL:ATL67SLD27-OV930 BEAM ANGLE:4° POWER:31W LUMENS:1480lm CBCP:93734cd EFFICACY:48lm/W		