

WAC

HOSPITALITY & LIGHTING

40 YEARS
OF
EXCELLENCE

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01

ABOUT WAC

Shine The Civilization With Responsibility

Lighting is a technology that harnesses the light of inspiration.

Lighting is an art, glowing with the beauty of humanity.

Lighting is a responsibility to help you choose a sustainable lifestyle.

WAC was originated from the United States with a strong commitment to the Chinese market. To breathe new life into antiques, WAC applies cutting-edge lighting technology from around the world to national museums and art venues. As further extend museum lighting technology into other industries, such as hotels, business, education, and residential and landscape architecture.

Shine the Civilization with Responsibility

With museum-quality lighting tech, WAC illuminates further extraordinary spaces!

WAC GLOBAL

Since the founding of the WAC brand in 1984 in New York City, we have been committed to the concept of "Responsible Lighting". With excellent technical strength and outstanding leadership, the brand has developed into a leading global lighting company. In the highly competitive lighting industry, WAC has fully demonstrated its perseverance and entrepreneurial will, pushing the development of high-quality products, leading the pace of lighting technology steadily, and developing products geared to the era and technological innovation.

By requiring in-house product development and manufacturing, investing in optical, structural, and electronic design, research, testing labs, and production facilities, WAC has grown into a distinctive, top-tier lighting brand while remaining committed to raising the bar for industry design and production.

Started as a small business with roots in the community, WAC has grown into a global corporation with strong R&D and manufacturing capabilities, focusing on the latest in LED lighting technology, and continues to provide a diverse range of lighting solutions for museums, high-end hotels, commercial, architectural, landscape, and residential applications.



WAC CHINA

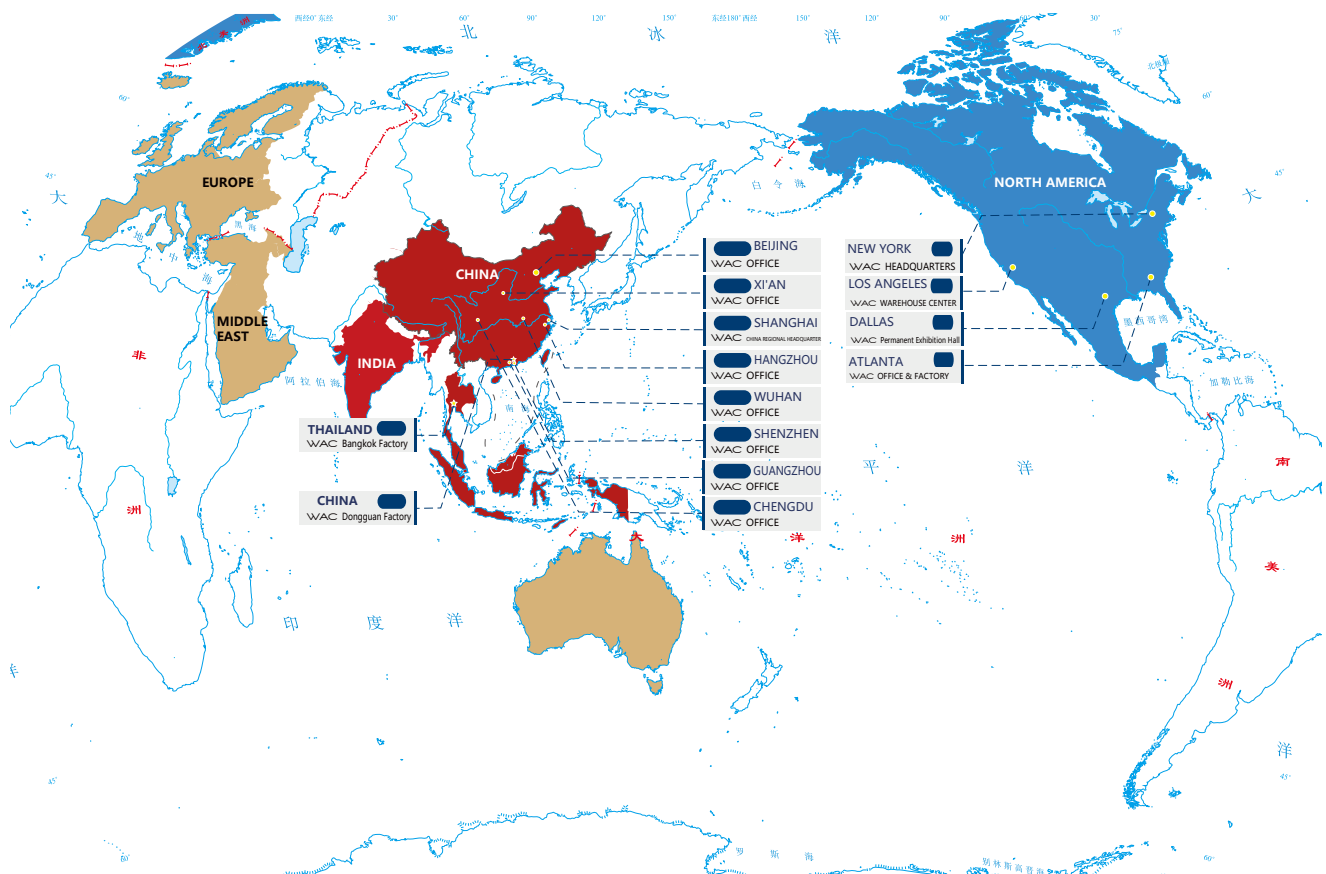
WAC Asia-Pacific headquarters, established in 2010, is located in the international metropolis - Shanghai. The name of WAC in China is "Hua Ge (华格)", signifies to perceive the world from a traditional Chinese perspective. With international vision and standard, we aim to create high quality lighting in China. Headquartered in Shanghai, China, the company is responsible for managing all affairs related to market development and sales network. Our sales network is also well established in Beijing, Shenzhen, Chengdu, Wuhan, Hangzhou, Guangzhou and Xi'an.

With professional and passionate service team, a premium customized lighting experience is given to the space. With profound technical background, WAC Lighting provides sustainable lighting solutions and technical applications for museums, high-end hotels, commercial, architectural, landscape, residential and other spaces.

Embracing the concept of "Act Locally, Think Globally", WAC operates an exclusive R&D center and factory in China to create extraordinary lighting experiences for diverse spaces with innovative technology, excellent quality and first-class service.

Milestones

Tony and Tai Wang founded WAC in 1984 in New York City from community-based retail start-ups, expanding to permanent showrooms, branches, and offices in Dallas, California, and the West Coast. With continued growth and outstanding leadership, the group has evolved into the leading lighting brand in the world today.



1984

NEW YORK, THE UNITED STATES



Established

1997

DONGGUAN, CHINA



The First Manufacturing Site

2000

Chinese Market Expansion



WAC's First Museum Project in China

2014

ATLANTA, THE UNITED STATES



Branch Office

2021

BANGKOK, THAILAND



Production Started



Acquisition of Century-old Luxury Crystal Brand
SCHONBEK

1993

DALLAS, THE UNITED STATES



Permanent Showroom

1998

CALIFORNIA, THE UNITED STATES



West Coast Branch Office

2010

SHANGHAI, CHINA



Asia-Pacific Regional Headquarter
Meanwhile, Beijing Branch, Shenzhen, Wuhan, Chengdu,
Guangzhou and other offices have been added.

2019

dweLED德里格

dweLED

德里格

Professional Home Lighting Brand
dweLED Officially Introduced to the Chinese Market

2024

40th Anniversary of the Brand

40 YEARS
OF
EXCELLENCE

Forty Years of Responsibility

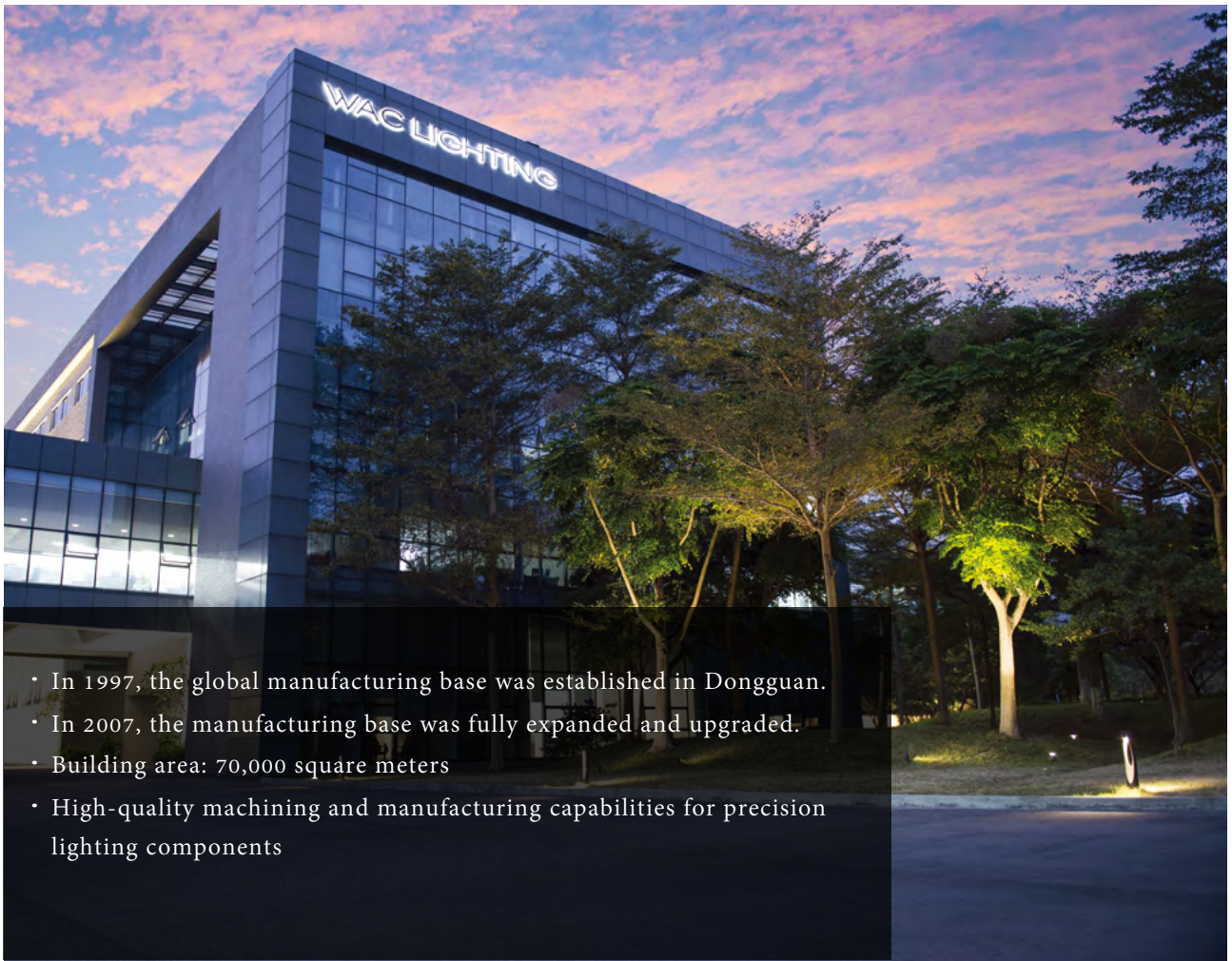


WAC China Showroom

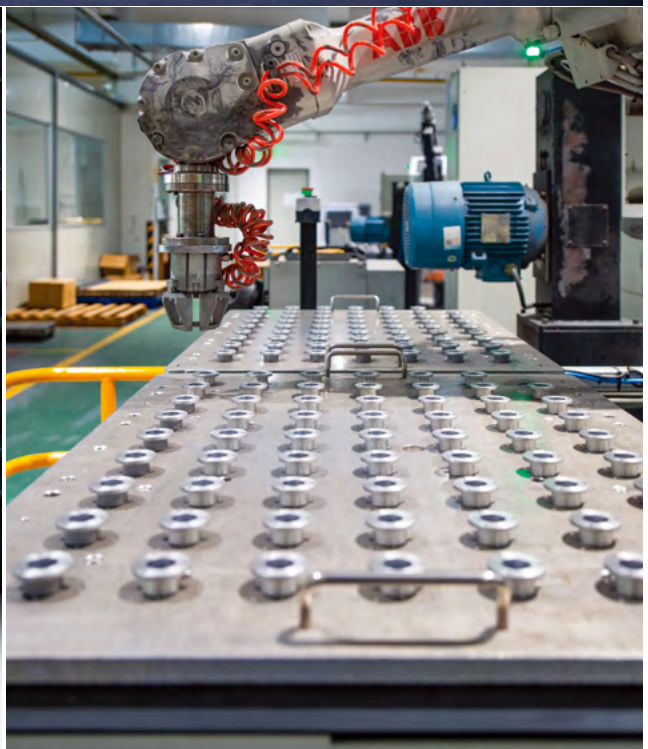
The Shanghai showroom of WAC China is an all-inclusive display space that blends environment, technology, merchandise, and sceneries. Here, the scenarios have been thoughtfully created to complement the surroundings and ambiance of the products in addition to the products being presented in the best possible position. The showroom is made more contemporary and technologically advanced by the use of high-tech components, allowing customers to experience the items' cutting-edge charm on an instinctive level.



Manufacturing



- In 1997, the global manufacturing base was established in Dongguan.
- In 2007, the manufacturing base was fully expanded and upgraded.
- Building area: 70,000 square meters
- High-quality machining and manufacturing capabilities for precision lighting components





Patented Technology

300+ Patents

23+ Patents of Invention

The highest priority is given to the patented "SUBROSA® Invisible Light Technology", which has been successfully applied in a wide range of products.

169+ Utility Models

Numerous utility patents have been succeeded in projects and recognized by clients and designers.

119+ Appearance Patents

Distinctive exterior design of the product

Laboratory Qualifications



CTC Authorized Laboratory Accreditation



Title 24 Laboratory Accreditation



U.S. National Laboratory NVLAP Accreditation



UL Authorized Laboratory Accreditation



ETL Authorized Laboratory Accreditation



U.S. ENERGY STAR Lab Accreditation



China CNAS Laboratory Accreditation

02

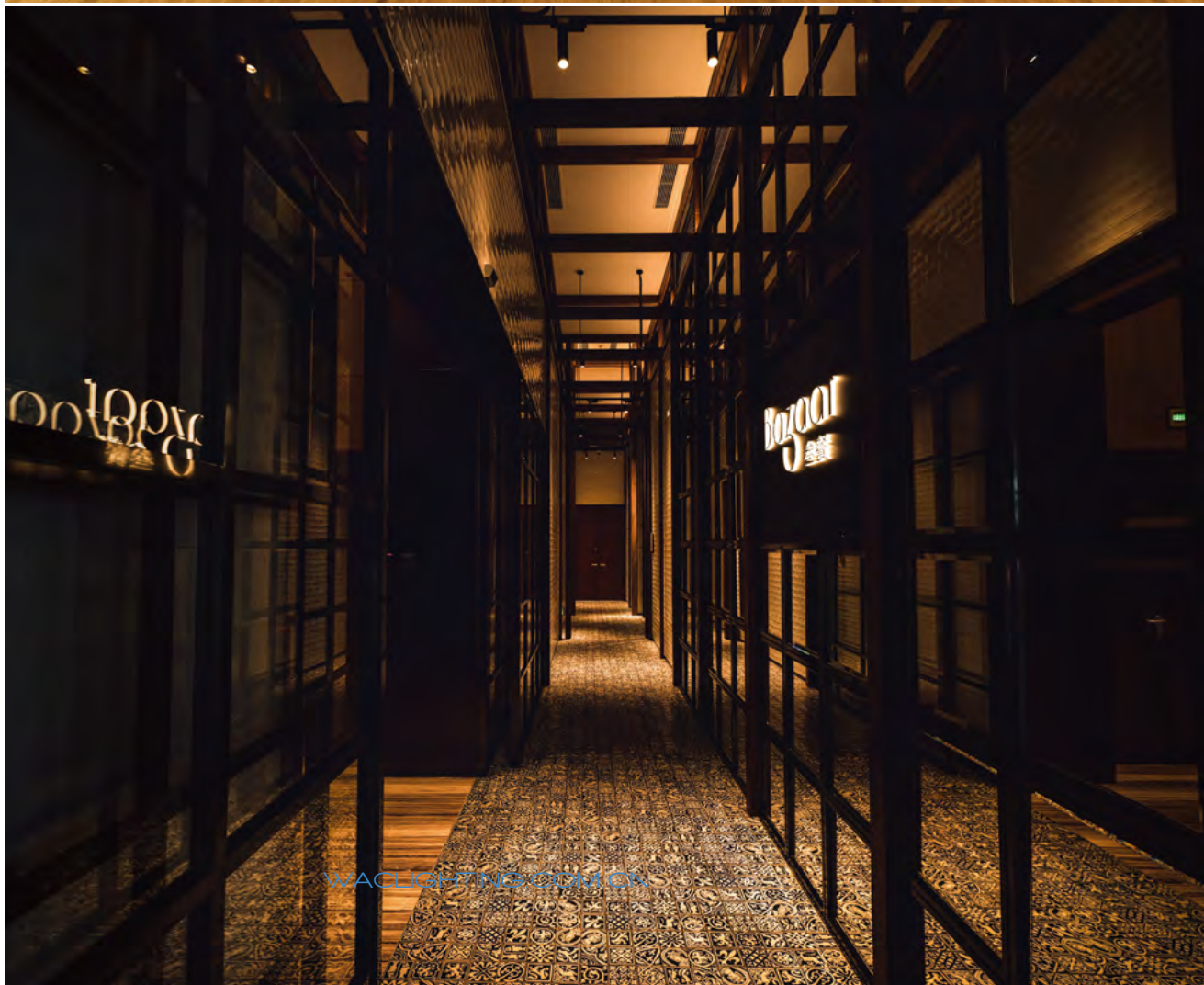
PROJECT CASES

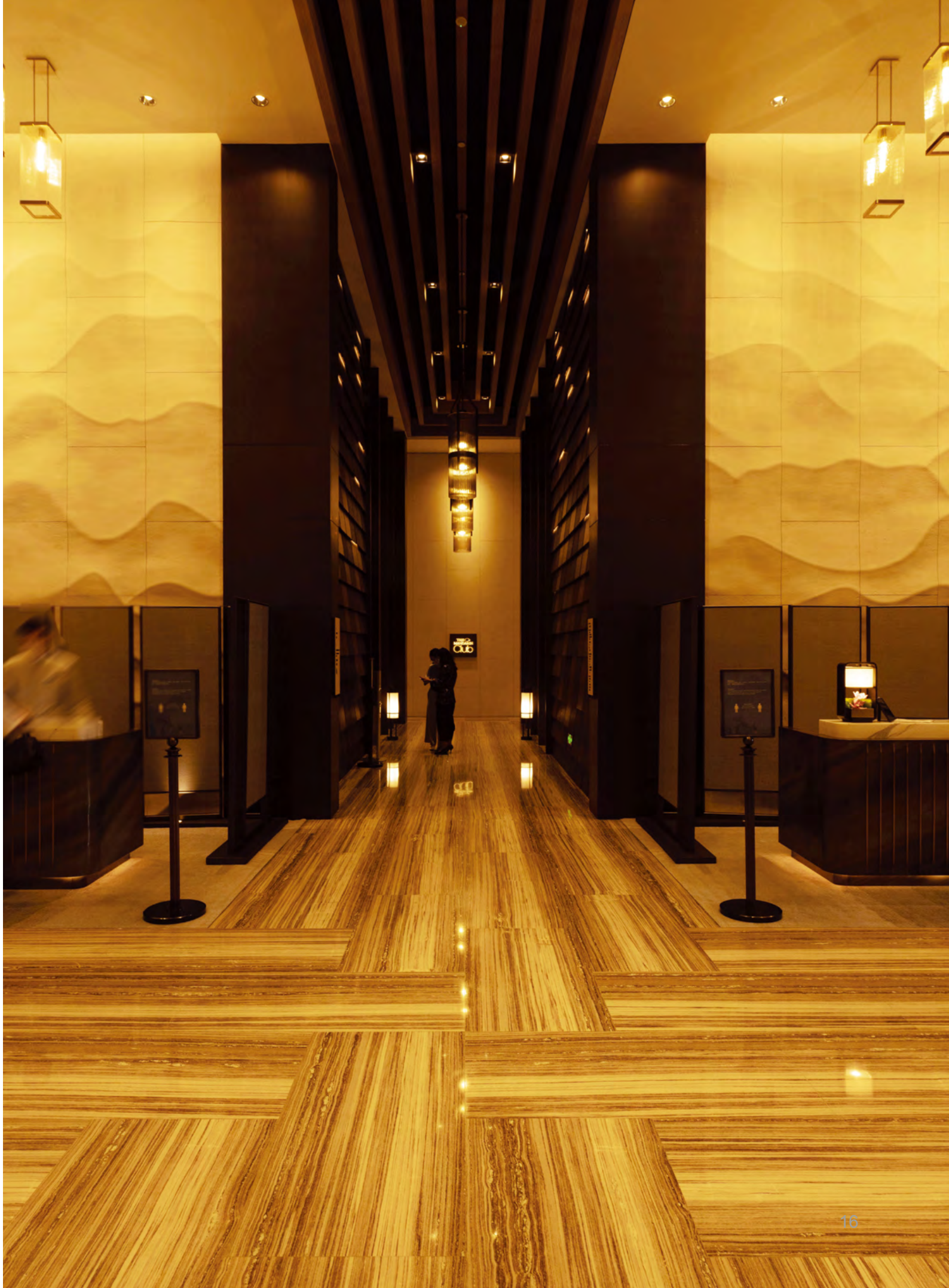
Anhui Jiuhuashan De Mao Tang
Anhui Huangshan De Mao Tang
Anhui Huangshan Banyan Tree
Anhui Longzi Lake Hotel
Fujian Portman Hotel Xiamen
Fujian Waldorf Astoria Xiamen
Fujian Xiamen Wuyuan Waterfront Hotel
Fujian Jinjiang Garden Century Hotel
Jiahe Hotel, Chengde, Fujian
Crowne Plaza Zhangzhou Rongxin, Fujian
Guangdong Wyndham Hotel Dongguan
Guangdong Changlong Hotel
Guangdong Guangzhou Yunzhu Hotel
Guangdong Jieyang Marriott Hotel
Guangdong Yunzhu Hotel
Guangdong Huizhou Haiyan Sanatorium Hotel
Guangdong Crowne Plaza Poly Jiangmen
Guangdong Vanke Liuxiandong Yuncheng Business Boutique Hotel
Guangdong Xinghe Yabao Boutique Hotel Shenzhen
Guangdong Hilton Hotel Haijunda Center
Guangdong Xingheji Hotel Shenzhen
Guangdong Hai Conrad Hotel Shenzhen
InterContinental Shenzhen Convention & Exhibition Zhaohua Hotel
Guangdong Venice Hotel Shenzhen
Guangdong Lakeview One
Guangdong Marriott Resort & Spa, Dong'ao Island, Zhuhai
Guangdong Lvjing Xiyuewan Garden
Guangdong Courtyard Huizhou Boluo
Guangdong Donghai International Center Hotel, Shenzhen
Guangdong Royal Court Hotel Shenzhen
Guangdong Hilton Shenzhen Huasheng
Guangdong Shenzhen Pinghu Kewei Hotel
The Ritz-Carlton, Shenzhen
Guangdong Yangjiang Poly Hotel
Guangdong Lake Malaren Hotel
Guangdong Sheraton Hotel
Guangdong Shenzhen Marriott Hotel
Guizhou Amber Hotel GUIYANG
Hainan Holiday Inn Express Sanya Haitang Bay
Hainan Hyatt Regency Sanya Wenbo Park
Hainan Taikang House Sanya Haitang Bay Hotel
Hainan Sanya Haitang Bay Yin Hai 80

Jiangsu Suzhou IFC Hotel
Jiangsu Suzhou Indigo Hotel Yangcheng Peninsula
Jiangsu Suzhou Taihu Park Resort Hotel
Jiangsu Suzhou Four Points by Sheraton Wuzhong Hotel
Jiangsu Suzhou Renheng Business Club
Jiangsu Wuxi Radisson Blu Hotel
Jiangsu Jiangyin Minghao Villa
Jiangsu Marriott Xuzhou Xincheng Hotel
Jiangsu Zhangjiagang Marriott Hotel
Jiangsu Suzhou Jinji Lake State Hotel
Jiangsu Suzhou Jinji Lake Xinluo International Hotel
Hyatt Regency Suzhou Jinhe, Jiangsu
Jiangsu Wujiang Dongtaihu Hot Spring Resort Hotel
Jiangsu Crowne Plaza Xuzhou
Crowne Plaza Yangzhou, Jiangsu
Jiangsu Nanjing Intercontinental Hotel Yincheng
Jiangsu Pullman Jiangyin
Jiangsu Wuxi Hyatt Regency Hotel
Jiangsu Suzhou Hilton Yilin Hotel
Jiangsu Hilton Changzhou New Town
Jiangsu Nanjing Shenghe Mansion Luxury Collection Hotel
Jiangxi InterContinental Nanchang Suning
Inner Mongolia Ordos Tongchuang Hotel
Shandong Jinan Lixia Headquarters Business Hotel (Juntin)
Shandong Jinan Luneng City Leader Mansion
Shandong Badaguan Hotel
Shandong Weihai Easy Bay International Business Hotel Block A
Shanxi Changzhi Wanda Jinhua Hotel
Shanxi Pullman Hotel
Shanxi Gaoping Hotel
Shaanxi Xi'an Hilton Hotel
Shaanxi Xi'an Xipai Habitat
Shaanxi Xi'an Tianyi Mansion
Shaanxi Xi'an Haoxianglai International Hotel
Shaanxi Xi'an Lefu Hotel
Hotel Nikko Sichuan Chengdu
Sichuan Hilton Tianfu Second Street
Yunnan Gudian Resort & Spa, Kunming
Zhejiang Dongyang Zhongtian Jiangjiingyuan II Hotel
Zhejiang Hangzhou Marriott Hotel Xianghu
Jiangsu Nanjing Weifu 302 Hotel
Jiangsu Nantong Marriott Hotel

Zhejiang Zhejiang Zhejiang Xingju Jiangnan Villa
 Zhejiang Wenzhou Marriott Hotel
 Zhejiang Wuzhen Resort Inashe Country Hotel
 Zhejiang Ningbo Langhao Hotel
 Zhejiang Nanxun Shenxiang Hotel
 Zhejiang Hangzhou East International Hilton Hotel
 Zhejiang Thousand Island Lake Resort Hotel
 Zhejiang Wuxunfang Hotel Apartment
 Zhejiang Hangzhou Park Hyatt Hotel
 Zhejiang Hangzhou Four Seasons Hotel
 West Lake Lakeside Hotel, Zhejiang
 Tonglu Hotel, Fuchun River, Zhejiang Province, China
 Kandace Hotel Beijing Capital Airport
 Beijing Southwest Huayi Hotel
 Beijing Jingxi Hotel
 Fraser Suites Beijing
 Beijing Yanqi Lake Boutique Hotel
 Beijing Lai Mansion
 Beijing Ligong International Hotel
 Beijing Ritan Hotel
 Beijing Yanqing Huihuang International Resort Hotel
 Crowne Plaza Yutang Beijing
 Beijing Yecai Marriott Hotel
 Beijing Chaolin International Hotel
 Beijing Diaoyutai Hotel/Beijing Mansion Park
 Diaoyutai Art Hotel Beijing
 Beijing Kunlun Hotel
 Beijing Lingang Hotel
 Beijing Military Science and Technology Museum Hotel
 Beijing Beijing Hotel
 Guizhou Grand Cloud Sky Hotel
 Guizhou Hilton Anshun Yulin Hotel
 Guizhou Belt Hotel GUIYANG
 Zhejiang Xianghu Indigo Hotel
 Zhejiang Hangzhou Huagang Hotel
 Zhejiang Anji Taoxiangju Hotel
 Zhejiang Tongxiang Gaoqiao Travel Plaza Hotel
 Zhejiang Wuzhen Tishang Resort Hotel
 Zhejiang Zhejiang Jinhua Marriott Hotel
 Zhejiang Ningbo Qianhu Hotel
 Zhejiang Jiang Ningbo CURLY Hotel
 Zhejiang Shaoxing Hotel II
 Zhejiang Zhejiang Shaoxing Zhuji Hilton Hotel
 Zhejiang Shaoxing Anhua Zhoufu
 Holiday Inn Express Harbin, Heilongjiang
 Hubei Wuhan Donghu Hotel
 Hubei Wuhan Heshe Restaurant
 Hubei Wuhan Pan Ocean Sheraton Hotel
 Hunan Changsha Ascott Residence
 Jiangsu Changzhou Renaissance Lanyue Bay Star River Hotel
 Jiangsu Suzhou Shangri-La Hotel
 Hainan Hilton Hotel
 Lotus Holiday Inn Hebei
 Hebei Yanqi Lake Golden Goose Kempinski Hotel
 Holiday Inn Express Nanyang, Jianye, Henan
 Henan Le Meridien Zhengzhou

W Shanghai on the Bund
 Shanghai Disneyland Hotel
 Mandarin Oriental, Shanghai
 The Ritz-Carlton, Chengdu, Sichuan
 Sichuan Chengdu Ritz Carlton
 Sichuan Chengdu Xiongfei Hotel
 Sichuan Chengdu Astoria Hotel
 Sichuan Chengdu Madison Hotel Apartment
 Sichuan Pengzhou Xinyi Accord Hotel
 Sichuan Chengdu Felton Keyline Hotel
 Sichuan Chengdu Hilton Hotel
 Xinjiang Xinjiang Kashgar Hotel
 Radisson Blu Hotel, Xinjiang
 Yunnan Kunming Hortai Garden Hotel
 Yunnan Dali Tiangu Xiyuan
 Yunnan Dali Tiangu Xiyuan Monument Boutique Hotel
 Chongqing Zhongye Miramar Hotel
 Chongqing Dyson Hotel, Guangyang Island
 Westin Hotel Chongqing
 Chongqing Regent Hotel
 Chongqing Crowne Plaza Poly Hotel
 Hyatt Regency Chongqing
 Wellington Hotel Chongqing
 Banyan Tree Hotel Chongqing
 Radisson Blu Hotel, Chongqing
 Wyndham Hotel Chongqing
 Henan Zhengzhou Radisson Blu Hotel
 Henan Zhengzhou Yuda Guomao Hotel
 Henan Henan Four Seasons Hotel Zhengzhou
 Sheraton Luohe Jianye Hotel, Henan
 Hunan Wyndham Grand Plaza Hotel
 Hunan Crowne Plaza Zhangjiajie
 Hunan Yongzhou Venice Hotel
 Hunan Sheraton Changde Hotel
 Liaoning Shangri-La Hotel, Shenyang
 JW Marriott Marquis Shanghai
 J-Hotel Shanghai Center
 Shanghai Lingang International Conference Center Yueju Hotel & Archen Hotel
 Shanghai Hengshan Hotel
 JW Marriott Marquis Shanghai Lujiazui Hotel
 Shanghai Jade Lakeville Junior Residence
 Shanghai Rock Garden
 Rock on the Bund, Shanghai
 Shanghai Portman Hotel
 Shanghai Jinjiang Hotel
 Shanghai Pudong Shangri-La
 Shanghai Sheraton Jiading Hotel
 InterContinental Lake Malaren Shanghai
 Shanghai Xijiao Hotel
 The Langham Xintiandi, Shanghai
 Shanghai Yan'an Hotel
 Langham Place, Yangpu, Shanghai
 Jin Jiang Hotel Shanghai
 Pullman Shanghai Star City
 Henan Pullman Hotel Kaifeng





























































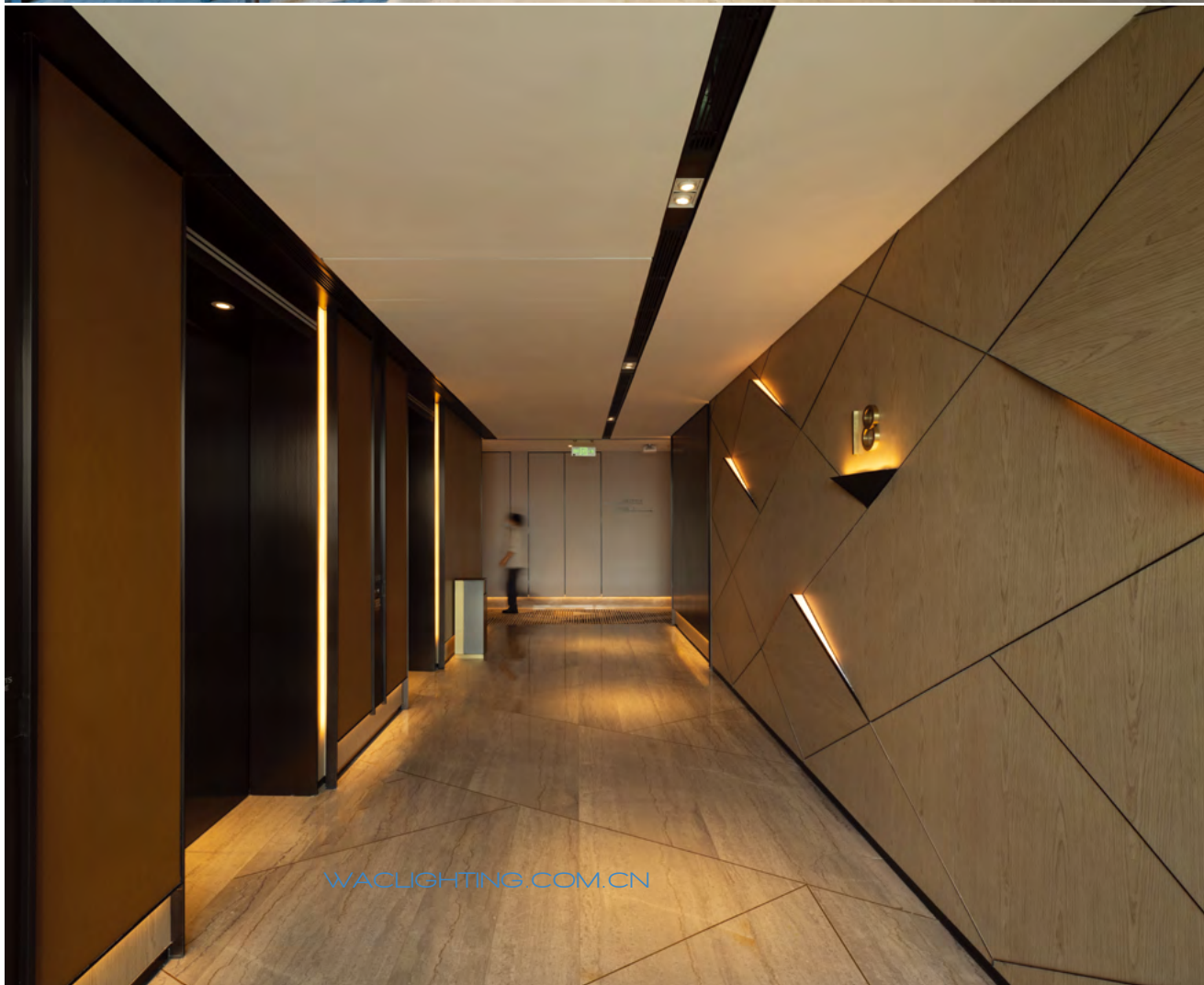








The G Shenzhen, A Tribute Portfolio Hotel





03

HOSPITALITY & LIGHTING



The Modern Hotel Industry in China: An Industry Coming of Age

The modern hotel industry in China has embarked on a magnificent journey of development since the beginning of reform and opening up in 1978, having gone through more than forty years of splendor so far. Throughout the long years, it has shown amazing resilience and vitality, growing in the midst of fierce market competition. This period of history is not only a brilliant chapter of China's modern hotel industry, but also a vivid microcosm of the great achievements of China's reform and opening up.

- **Period of Initial Development: 1978 - 1987**

In the early days of reform and opening up, a large number of Chinese-foreign joint venture and cooperative hotels were built to hospitalize foreign guests.



- **Period of Rapid Growth: 1988 - 2000**

At this stage, the country's own hotel management companies were vigorously developed by approving the star rating standards for tourism-related foreign hotels. With the upgrading of service standards, tourism hotels became the earliest industry in line with international standards, making the Star Rating Standard a milestone.

- **Period of Chain Expansion: 2001 -2015**

Rapidly growing demand for hotels has given rise to budget-branded hotel chains with massive expansion.



- **Period of Integration and Optimization: 2016 - 2022**

Mid-range hotels emerge as the main launching point under consumption upgrading. Acquisition, merger and reorganization came to be the norm in the hotel industry. This stage achieved extraordinary development and increased market concentration.

- **Period of Market Competitive Reshaping: 2023 - Present**

The investment and consumption logic changed after the epidemic, with high-quality development and deep regional cultivation accelerating. On the basis of the original star-rated hotels and economy hotels, new business forms are emerging. The rich product matrix , product portfolio diversification and characterization lead to the presentation of hotels not only as accommodation but as commercial and travel space scenarios.

Diversified Competition Among Hotel Industry

The range of brand kinds in today's dynamic hospitality business is being driven by a growing wave of varied competition. This trend has given the hotel business a boost and given customers the ultimate possible multi-option experience. Hotel brands are no longer restricted to the conventional single model due to the intensified competition from a diversified market. Instead, they must look for innovation and investigate how to differentiate their development route.

Numerous hotel brands have arisen to cater to the diverse needs of various consumer segments, including those seeking high-end luxury, business convenience, family-friendly accommodations, or leisure and holiday destinations. Both foreign hotel chains with extensive expertise and domestic hotel chains with strong ties to the local community are diligently building their brand matrices and attempting to showcase their unique characteristics and charms.

International hotel groups, with their global vision and rich operational expertise, are capable of creating brands with worldwide influence. These brands achieve international standards not only in terms of facilities and service quality, but also in terms of brand culture and management concepts, which reflects their unique advantages. To better integrate into the local market, multinational hotel groups emphasize on localization strategy, adjusting their brand strategy and service mode according to the market demand and cultural characteristics of different regions.

Relying on the deep comprehension of the local market and rich accumulation of resources, domestic hotel groups have created a series of hotel brands featuring Chinese characteristics. These brands represent Chinese features in their business methods and service approaches, while incorporating Chinese culture's basic values into their design styles.

Every hotel brand in this brand matrix has an individual style and set of traits. Some prioritize opulent luxury experiences, others seek out unique and stylish travel, yet others concentrate on business travel requirements, while still others are devoted to leisure travel with the family. By utilizing distinct positioning and service approaches, these brands serve to a variety of consumer demands while advancing the growth and well-being of the hotel industry in its entirety.

WAC Lighting Solution Illuminates Global Top Luxurious Hotels with Professional Strength

As one of the leading companies in the hospitality lighting field, WAC marks its success in the high-end, deluxe and premium brands of numerous global renowned hotel groups. These remarkable achievements constitute a strong proof of WAC's expertise, which profoundly demonstrates the brand's unique style and precise orientation.

WAC's unparalleled quality of service and innovative perspectives have given the global high-end hotel brand an even brighter luster.

 THE RITZ-CARLTON Shenzhen, Guangdong	 ST REGIS Tianjin, China	W HOTELS Shanghai, China	 JW MARRIOTT Shanghai, China	 MARRIOTT Wenzhou, Zhejiang	WESTIN Chongqing, China
 MANDARIN ORIENTAL THE HOTEL GROUP Shenzhen, Guangdong	 Shanghai, China	 WALDORF ASTORIA Xiamen, Fujian	CONRAD Shenzhen, Guangdong	 INTERCONTINENTAL HOTELS & RESORTS 洲际酒店及度假村 Shenzhen, Guangdong	HOTEL INDIGO 英迪格酒店 Suzhou, Jiangsu
REGENT Chongqing, China	 PARK HYATT* Hangzhou, Zhejiang	 PULLMAN Shanghai, China	 君澜大饭店 Grand Hotel NARADA Hangzhou, Zhejiang	Le MERIDIEN Zhengzhou, Henan	TRIBUTE PORTFOLIO Shenzhen, Guangdong

Comfort Ambience Function Intelligence

Lighting in the hotel space is a technical means of presenting an artistic expression. With its unique glamor and aesthetics, the lighting brings the ultimate comfort experience to the guests and remains an indispensable part of the hospitality experience.



Comfort

The comfort of a hotel environment impacts directly by the design of its hospitality lighting. Proper lighting may guarantee that the area is well-lit, lessen eye strain, and induce a comfortable and calm atmosphere for visitors.

Simultaneously, the lighting design ought to consider the physiological and psychological requirements of individuals, including steering clear of intense light and imposing shadows, while maintaining a soft and even illumination. Additionally, one may further improve customer satisfaction by setting the optimum lighting brightness and color temperature based on the functional requirements of various spaces, such as restaurants, meeting rooms, and guest rooms.

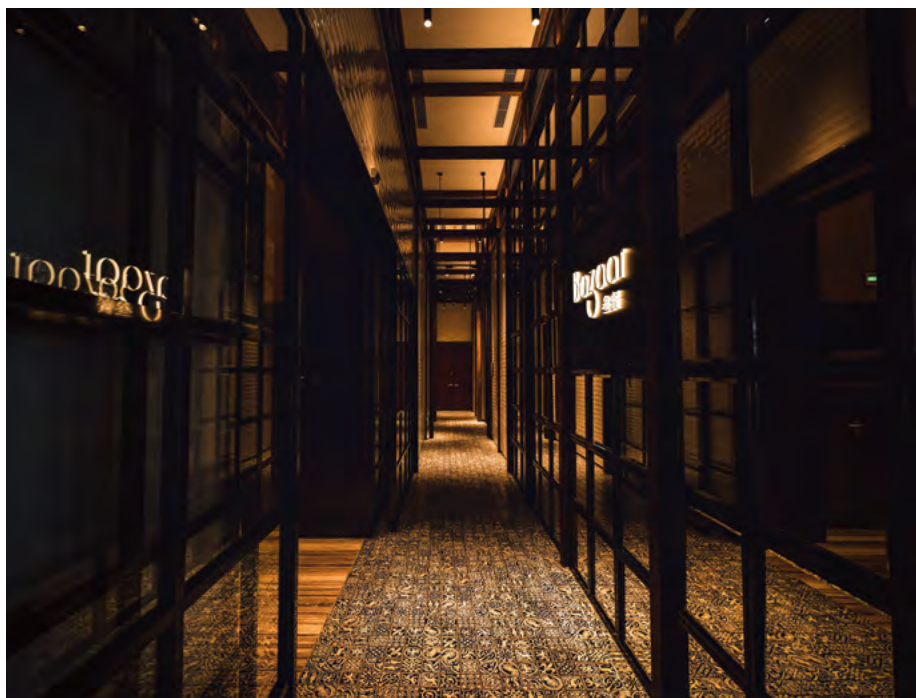


Ambience

An important factor in establishing a hotel's atmosphere is the lighting. Different moods are produced to suit the requirements of various events through thoughtfully planned lighting programs. For example, gentle, comfortable lighting in guest rooms promotes a peaceful, soothing environment. With romantic lighting in the dining room, you may create a cozy and enjoyable dining environment. A conference room with bright, focused lighting helps foster a productive and focused work environment. Furthermore, to create a distinctive hotel environment, lighting design can be paired with other components like textures and colors.

Function

Well designed lighting improves the efficiency of space utilization. For example, setting sufficient lighting in public areas such as corridor stairs to ensure the safety of guests; setting multi-level lighting in guest rooms allows to fulfill different needs of guests such as reading and resting. Lighting design might strongly connected with the brand image of the hotel. Through a unique lighting style and atmosphere creation, the hotel's features and specialties are shown to attract more guests for experience.



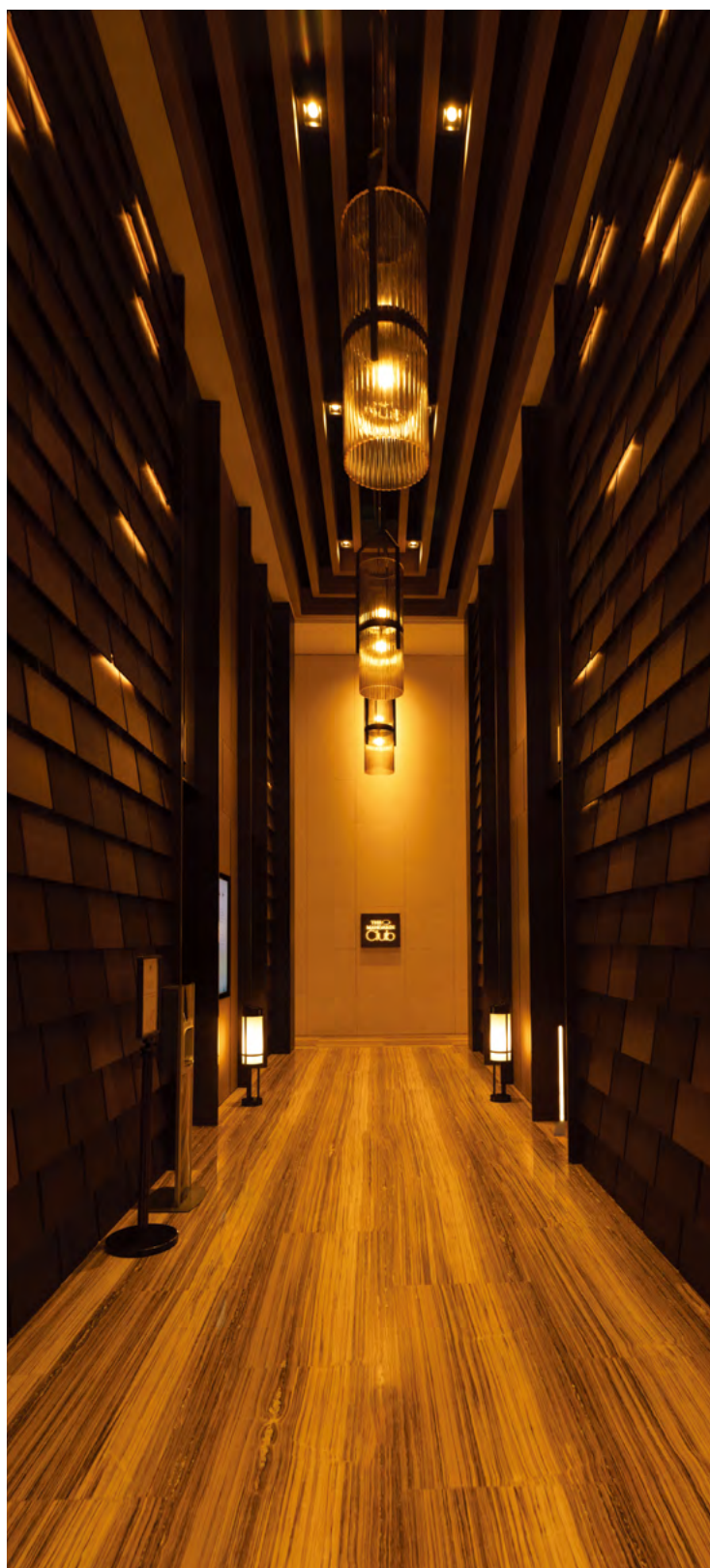
Intelligence

The intelligent lighting system represents a major development trend in hotel lighting. Combined with the intelligent control system, the entire lighting system shall achieve remarkable advantages in terms of scene function adaptability and environmental human adaptability. The brightness, color temperature, light distribution and direction of the luminaires provide global control and coordination in the system to achieve illuminating effects which are hard to be realized in the traditional mode. From the perspective of scene function, intelligent lighting enables rapid and convenient switching of different lighting modes in accordance with the requirements of site operations. In terms of environmental human adaptability, intelligent lighting offers the most suitable optical color and illuminance at various stages of time as per the human body's natural physiological rhythms.



04

LIGHTING TECHNOLOGY



Patent -SUBROSA® Invisible Light Technology

Patent No.: ZL 201710792586.3

The unique SUBROSA® technology controls the reflected light perfectly within the cut-off angle, which guarantees that the surface of the reflector will not cause high brightness reflection to the human eye, providing a soft illumination and achieving the ultimate anti-glare effect.



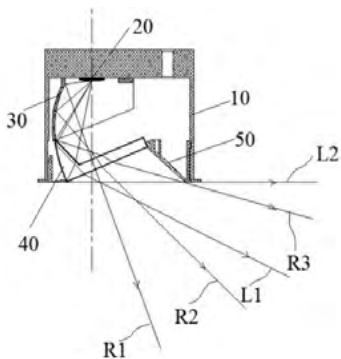
Regent Hotel Chongqing
Chongqing, China



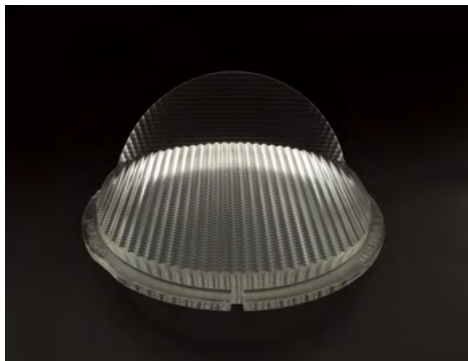
LiteBrush® Light Falls Wall Washing Technology

Utility Model Patent No.: 201721002833.7

J Hotel Shanghai Center
Shanghai, China



The patented optical design of the recessed wall wash fixtures is ingenious, able to fill in corners and other dark places, while ensuring that the light is accurately distributed to present an outstanding optical effect.



The lighting effects appear as subtle and magical, infusing the space with unparalleled charm and vitality, creating a cozy and pleasant atmosphere.

Down-light Angle Integration Technology

Patent No.: 202020290233.0

WAC's unique Down-light Angle Adjustment Technology, with its revolutionary and innovative design, is beyond the traditional angle adjustment structures on the market. The technology utilizes a precision sealed construction to ensure seamless light control throughout every step of the angling process.



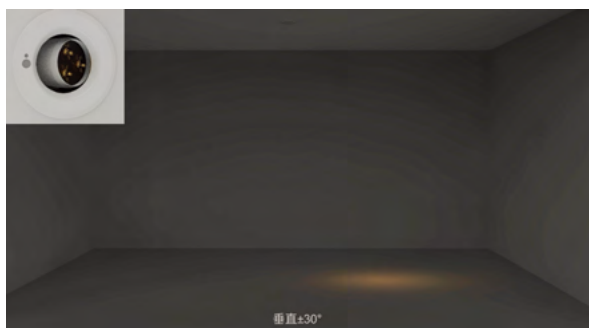
Mandarin Oriental Hotel
Shenzhen, Guangdong Province, China



A luminaire features powerful downlighting function and flexible adjustment performance, bringing unprecedented experience for hotel lighting.



The unique visual adjustment greatly facilitates the installation and commissioning process on site.



Remote adjustable to control the projection direction of the luminaries
Horizontal 0-355°, Vertical $\pm 30^\circ$ adjustable



Intelligent Control System

The intelligent control system of WAC incorporates various advanced control techniques into its integrated architecture. This technique is particularly useful for events with elaborate lighting setups and high ceilings. The WAC intelligent control system is simple to operate in multipurpose rooms while delivers appropriate lighting and shadow effects for each occasion, including dramatic presentations, solemn meetings, and passionate speeches. The WAC Intelligent Control System precisely controls the ambiance in hotel banquet halls that have hosted innumerable romantic weddings and joyous occasions, ensuring that every banquet is a memorable occasion.



Multiple Control Methods:

APP control, remote control, remote control +0-10V, remote control +DMX512 according to different scenes and requirements with different intelligent control systems.

05

PRODUCTS INTRODUCTION



RECESSED CEILING LUMINAIRES



VOLTA

74

VOLTA ROUND DOWNLIGHT - DIRECTIONAL
VOLTA ROUND DOWNLIGHT
VOLTA ROUND DIRECTIONAL
VOLTA ROUND WALL WASHER
VOLTA SQUARE DOWNLIGHT - DIRECTIONAL
VOLTA SQUARE DOWNLIGHT
VOLTA SQUARE DIRECTIONAL
VOLTA SMART

75
79
85
91
93
97
103
109



PLANA PRO

112

PLANA PRO MONO
PLANA PRO RGBW
PLANA PRO DIRECTIONAL MONO
PLANA PRO WALL WASHER MONO
PLANA PRO WALL WASHER RGBW

113
117
119
123
127



ULTRA

130

ULTRA ROUND TRIM
ULTRA ROUND TRIMLESS
ULTRA SQUARE TRIM
ULTRA SQUARE TRIMLESS
ULTRA MULTIPLES SQUARE TRIM
ULTRA MULTIPLES SQUARE TRIMLESS
ULTRA MICRO AND ANTI-FOG

131
135
139
143
147
151
155



ELANA PRO

164

ELANA PRO ROUND DOWNLIGHT
ELANA PRO SQUARE DOWNLIGHT
ELANA PRO MULTIPLE SQUARE DOWNLIGHT

165
167
169



ELANA

172

ELANA DOWNLIGHT
ELANA ROUND DIRECTIONAL
ELANA SQUARE DIRECTIONAL

173
175
177



J Hotel Shanghai Center
Shanghai, China



VOLTA

RECESSED CEILING



High Thermal Performance

Convective heat dissipation + Enclosed Chimney

Heat Dissipation Dual Design

IP44 Sealed Light Chamber Design

Ensures stable performance in humid environments.



VOLTA ROUND DOWNLIGHT - DIRECTIONAL



DLT01



DDT11



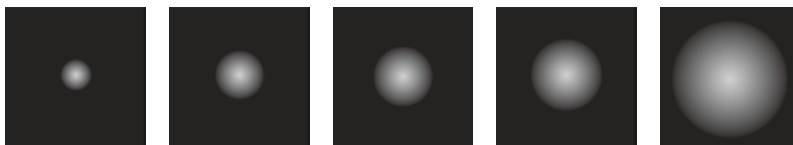
DDT11

Specifications



- Body Material: Aluminum
- Optical System: Clear Lens included+Honeycomb
- Finish: Environmentally safe powder coat
- Adjustable Angle:
 - DDT11-LD02: 0°-360° horizontal rotation and -20°-20° vertical aiming tilt
 - DDT11-LD05: 0°-25° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø18mm / Ø36mm / Ø36mm
- Ceiling Thickness: 1mm-15mm
- Cut Off Angle:15°
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
 - DLT01 3000K: 100lm
 - DDT11 3000K: 175lm 2W / 500lm 5W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.01Kg / 0.1Kg / 0.1Kg

Product Features/Optics



1 12°/15°/17°

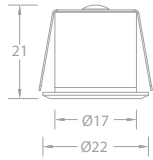
2 24°

3 36°

5 50°/55°

6 60°

Product Parameters

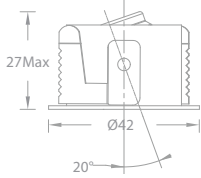


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	0 0.5"	1 Round Trim	LD01 LED 1W	41lm(@1W 3000K 17°) 37lm(@1W 3000K 24°) 27lm(@1W 3000K 36°) 63lm(@1W 3000K 60°)	T DMX512 Dimming 24V DC Power Supply M MTB driver N No Driver	1 17°	27 2700K	W White	WT White
						2 24° 3 36° 6 60°	30 3000K 35 3500K 40 4000K		
								B Black	BK Black

Example : DLT01-LD01N-230WWT

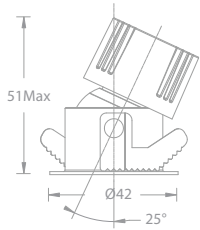
Note: Except for 60°, all other Honeycomb standard configured.

"MTB" needs to be ordered separately and cannot be directly connected to the mains power supply



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	1 1"	1 Round Trim	LD02 LED 2W	91lm(@2W 3000K 13°) 95lm(@2W 3000K 24°) 89lm(@2W 3000K 36°) 74lm(@2W 3000K 55°)	E ON-OFF N No Driver	1 12°	27 2700K	W White	WT White
						2 24° 3 36° 5 55°	30 3000K 35 3500K 40 4000K		
								B Black	BK Black

Example : DDT11-LD02E-230WWT

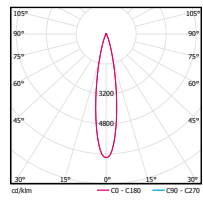


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	1 1"	1 Round Trim	LD05 LED 5W	274lm(@5W 3000K 15°) 235lm(@5W 3000K 24°) 218lm(@5W 3000K 36°) 184lm(@5W 3000K 50°)	E ON-OFF D 0-10V Dimming A DALI N No Driver	1 15°	27 2700K	W White	WT White
						2 24° 3 36° 5 50°	30 3000K 35 3500K 40 4000K 50 5000K		
								B Black	BK Black

Example : DDT11-LD05E-230WWT

Light Distribution

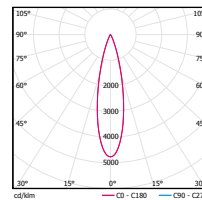
DLT01



DLT01-LD01T-130WWT

0° Aiming Angle

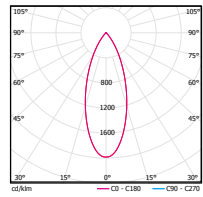
D(M)	LUX	W	L
1	271	0.33	0.33
2	68	0.66	0.66
3	30	0.99	0.99
4	17	1.32	1.32



DLT01-LD01T-230WWT

0° Aiming Angle

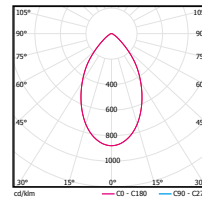
D(M)	LUX	W	L
1	178	0.43	0.43
2	45	0.86	0.86
3	20	1.29	1.29
4	11	1.72	1.72



DLT01-LD01T-330WWT

0° Aiming Angle

D(M)	LUX	W	L
1	53	0.69	0.69
2	13	1.38	1.38
3	6	2.07	2.07
4	3	2.76	2.76

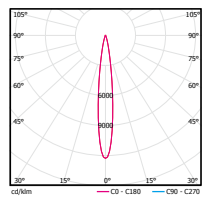


DLT01-LD01T-630WWT

0° Aiming Angle

D(M)	LUX	W	L
1	55	1.20	1.20
2	14	2.40	2.40
3	6	3.60	3.60
4	3	4.80	4.80

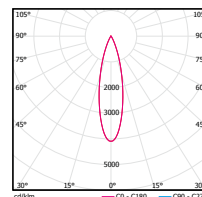
DDT11-LD02



DDT11-LD02E-130WWT

0° Aiming Angle

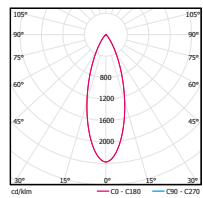
D(M)	LUX	W	L
1	1122	0.23	0.23
2	281	0.46	0.46
3	125	0.69	0.69
4	70	0.92	0.92



DDT11-LD02E-230WWT

0° Aiming Angle

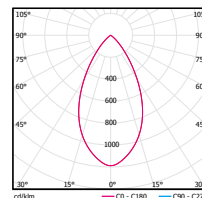
D(M)	LUX	W	L
1	390	0.45	0.45
2	98	0.90	0.90
3	43	1.35	1.35
4	24	1.80	1.80



DDT11-LD02E-330WWT

0° Aiming Angle

D(M)	LUX	W	L
1	211	0.61	0.61
2	53	1.22	1.22
3	23	1.83	1.83
4	13	2.44	2.44

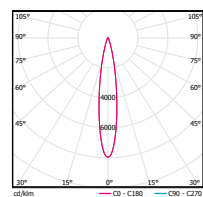


DDT11-LD02E-530WWT

0° Aiming Angle

D(M)	LUX	W	L
1	88	1.00	1.00
2	22	2.00	2.00
3	10	3.00	3.00
4	6	4.00	4.00

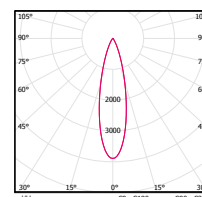
DDT11-LD05



DDT11-LD05E-130WWT

0° Aiming Angle

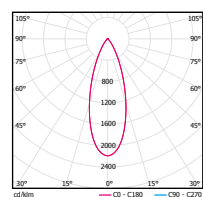
D(M)	LUX	W	L
1	2185	0.30	0.30
2	546	0.60	0.60
3	243	0.90	0.90
4	137	1.20	1.20



DDT11-LD05E-230WWT

0° Aiming Angle

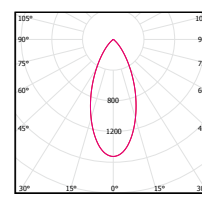
D(M)	LUX	W	L
1	914	0.45	0.45
2	229	0.90	0.90
3	102	1.35	1.35
4	57	1.80	1.80



DDT11-LD05E-330WWT

0° Aiming Angle

D(M)	LUX	W	L
1	477	0.63	0.63
2	119	1.26	1.26
3	53	1.89	1.89
4	30	2.52	2.52



DDT11-LD05E-530WWT

0° Aiming Angle

D(M)	LUX	W	L
1	281	0.82	0.82
2	70	1.64	1.64
3	31	2.46	2.46
4	18	3.28	3.28



Tongxiang Wuzhen Tishang Resort Hotel
Jiaxing, Zhejiang Province, China

VOLTA ROUND DOWNLIGHT



DLT21

DLT31

DLT41

DLT51

DLT61

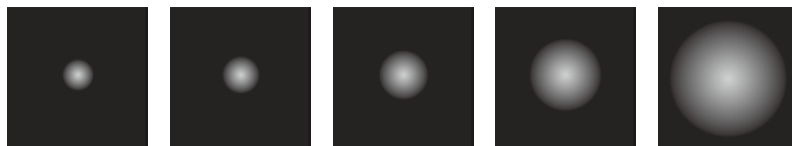
Specifications



- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Various Optical Accessories
- Wiring: Please refer to wiring schematic diagram at the end of catalog

- Cutout: Ø55mm / Ø75mm / Ø100mm / Ø125mm / Ø150mm
- Ceiling Thickness: 1mm-20mm / 1mm-25mm / 1mm-30mm
- Cut Off Angle: 30°
- LED Wattage, CCT, Lumen Output:
 - DLT21 3000K: 720lm 8W
 - DLT31 3000K: 720lm 8W / 800lm 7W / 1150lm 10W / 1495lm 13W
 - DLT41 3000K: 720lm 8W / 1465lm 13W / 1975lm 18W
 - DLT51 3000K: 1975lm 18W / 2160lm 24W / 2610lm 25W / 3255lm 32W
 - DLT61 3000K: 3000lm 32W / 3830lm 32W / 4505lm 43W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.2Kg / 0.35Kg / 0.6Kg / 1.0Kg / 1.7Kg

Product Features/Optics



5 8°

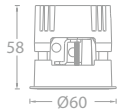
1 15°/18°

2 24°/28°

3 36°/38°

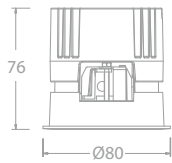
5 50°

Product Parameters



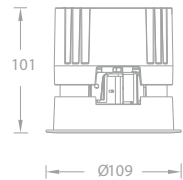
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	2 2"	1 Round Trim (IP44 Aperture)	LD08 LED 8W	397lm(@8W 3000K 15°) 455lm(@8W 3000K 24°) 445lm(@8W 3000K 36°) 302lm(@8W 3000K 50°)	E ON-OFF D 0-10V Dimming A DALI N No Driver	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		
DLT	2 2"	1 Round Trim (IP44 Aperture)	LD07 LED 7W	395lm(@7W 3000K 24°) 380lm(@7W 3000K 36°) 348lm(@7W 3000K 50°)	E ON-OFF D 0-10V Dimming A DALI N No Driver	2 24°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						4 36°			
						5 50°			

Example : DLT21-LD08E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	3 3"	1 Round Trim (IP44 Aperture)	LD08 LED 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DLT	3 3"	1 Round Trim (IP44 Aperture)	LM07 COB 7W LM10 COB 10W LM13 COB 13W	438lm(@7W 3000K 15°) 554lm(@7W 3000K 24°) 456lm(@7W 3000K 36°) 378lm(@7W 3000K 50°) 542lm(@10W 3000K 15°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		
DLT	3 3"	1 Round Trim (IP44 Aperture)	LM13 COB 13W	685lm(@10W 3000K 24°) 564lm(@10W 3000K 36°) 467lm(@10W 3000K 50°) 710lm(@13W 3000K 15°) 896lm(@13W 3000K 24°) 738lm(@13W 3000K 36°) 612lm(@13W 3000K 50°)	N No Driver A DALI	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		
DLT	3 3"	1 Round Trim (IP44 Aperture)	LM13 COB 13W	935lm(@13W 3000K 18°) 1035lm(@13W 3000K 28°) 1024lm(@13W 3000K 36°) 677lm(@13W 3000K 50°)	N No Driver A DALI	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						2 28°			
						3 38°			
						4 40°			
						5 50°			

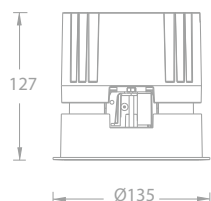
Example : DLT31-LM13E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	4 4"	1 Round Trim (IP44 Aperture)	LD08 LED 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DLT	4 4"	1 Round Trim (IP44 Aperture)	LM13 COB 13W LM18 COB 18W	884lm(@13W 3000K 15°) 1128lm(@13W 3000K 24°) 1204lm(@13W 3000K 36°) 995lm(@13W 3000K 50°) 1258lm(@18W 3000K 15°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		
DLT	4 4"	1 Round Trim (IP44 Aperture)	LM18 COB 18W	1604lm(@18W 3000K 24°) 1712lm(@18W 3000K 36°) 1414lm(@18W 3000K 50°)	N No Driver A DALI	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		
DLT	4 4"	1 Round Trim (IP44 Aperture)	LM18 COB 18W	1349lm(@18W 3000K 18°) 1384lm(@18W 3000K 28°) 1421lm(@18W 3000K 38°) 1184lm(@18W 3000K 50°)	N No Driver A DALI	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						2 28°			
						3 38°			
						4 40°			
						5 50°			

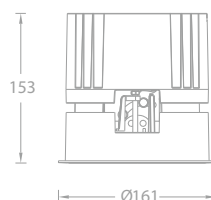
Example : DLT41-LM13E-230SWT

Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	5 5"	1 Round Trim (IP44 Aperture)	LD24 LED 24W	1125lm(@24W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DLT	5 5"	1 Round Trim (IP44 Aperture)	LM18 COB 18W LM25 COB 25W LM32 COB 32W	1609lm(@18W 3000K 15°) 1640lm(@18W 3000K 24°) 1783lm(@18W 3000K 36°) 1538lm(@18W 3000K 50°) 2111lm(@25W 3000K 15°) 2152lm(@25W 3000K 24°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DLT	5 5"	1 Round Trim (IP44 Aperture)	LM32 COB 32W	2340lm(@25W 3000K 36°) 2018lm(@25W 3000K 50°) 2630lm(@32W 3000K 15°) 2682lm(@32W 3000K 24°) 2916lm(@32W 3000K 36°) 2514lm(@32W 3000K 50°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DLT	5 5"	1 Round Trim (IP44 Aperture)	LM25 COB 25W	2094lm(@25W 3000K 18°) 1967lm(@25W 3000K 28°) 2142lm(@25W 3000K 38°) 1830lm(@25W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 38° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLT51-LM18E-230SWT

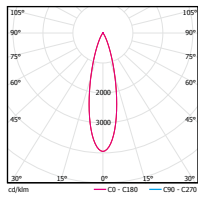


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	6 6"	1 Round Trim (IP44 Aperture)	LD32 LED 32W	1500lm(@32W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DLT	6 6"	1 Round Trim (IP44 Aperture)	LM32 COB 32W LM43 COB 43W	2393lm(@32W 3000K 15°) 3015lm(@32W 3000K 24°) 3001lm(@32W 3000K 36°) 2830lm(@32W 3000K 50°) 3108lm(@43W 3000K 15°) 3916lm(@43W 3000K 24°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DLT	6 6"	1 Round Trim (IP44 Aperture)	LM43 COB 43W	3897lm(@43W 3000K 36°) 3675lm(@43W 3000K 50°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DLT	6 6"	1 Round Trim (IP44 Aperture)	LM43 COB 43W	3254lm(@43W 3000K 18°) 3271lm(@43W 3000K 28°) 3367lm(@43W 3000K 38°) 3249lm(@43W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 38° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLT61-LM32E-230SWT

Light Distribution

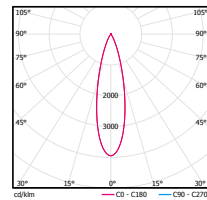
DLT21



DLT21-LD08E-130SWT

0° Aiming Angle

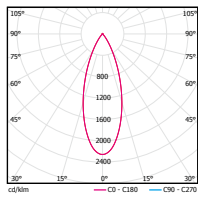
D(M)	LUX	W	L
1	2992	0.31	0.31
2	748	0.62	0.62
3	332	0.93	0.93
4	187	1.24	1.24



DLT21-LD08E-230SWT

0° Aiming Angle

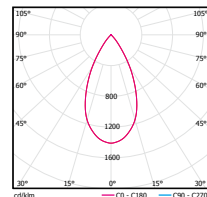
D(M)	LUX	W	L
1	1795	0.50	0.50
2	449	1.00	1.00
3	199	1.50	1.50
4	112	2.00	2.00



DLT21-LD08E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1005	0.66	0.66
2	251	1.32	1.32
3	112	1.98	1.98
4	63	2.64	2.64

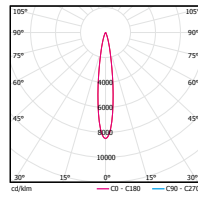


DLT21-LD08E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	426	0.96	0.96
2	107	1.92	1.92
3	47	2.88	2.88
4	27	3.84	3.84

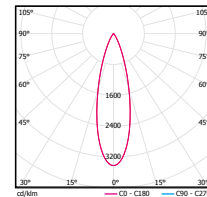
DLT31



DLT31-LM10E-130SWT

0° Aiming Angle

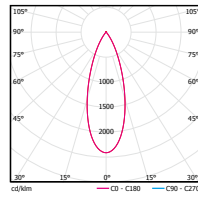
D(M)	LUX	W	L
1	4604	0.28	0.28
2	1151	0.56	0.56
3	512	0.84	0.84
4	288	1.12	1.12



DLT31-LM10E-230SWT

0° Aiming Angle

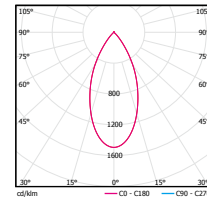
D(M)	LUX	W	L
1	2341	0.50	0.50
2	585	1.00	1.00
3	260	1.50	1.50
4	146	2.00	2.00



DLT31-LM10E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1361	0.63	0.63
2	340	1.26	1.26
3	151	1.89	1.89
4	85	2.52	2.52

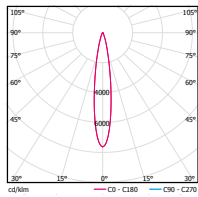


DLT31-LM10E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	698	0.88	0.88
2	175	1.76	1.76
3	78	2.64	2.64
4	44	3.52	3.52

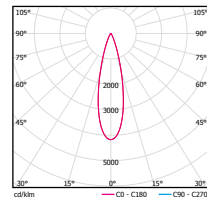
DLT41



DLT41-LM18E-130SWT

0° Aiming Angle

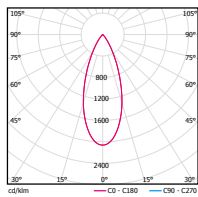
D(M)	LUX	W	L
1	9597	0.3	0.3
2	2399	0.6	0.6
3	1066	0.9	0.9
4	600	1.2	1.2



DLT41-LM18E-230SWT

0° Aiming Angle

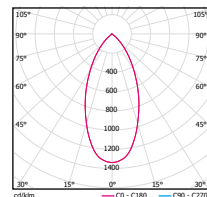
D(M)	LUX	W	L
1	6695	0.5	0.5
2	1674	0.9	0.9
3	744	1.4	1.4
4	418	1.8	1.8



DLT41-LM18E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3529	0.7	0.7
2	882	1.4	1.4
3	392	2.1	2.1
4	221	2.8	2.8



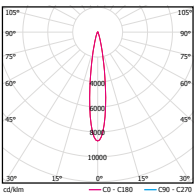
DLT41-LM18E-530SWT

0° Aiming Angle

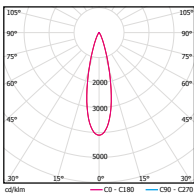
D(M)	LUX	W	L
1	1890	0.9	0.9
2	473	1.8	1.8
3	210	2.7	2.7
4	118	3.6	3.6

Light Distribution

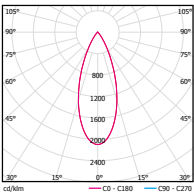
DLT51



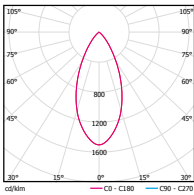
DLT51-LM25E-130SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	18431	0.3	0.3	
2	4608	0.6	0.6	
3	2048	0.9	0.9	
4	1152	1.1	1.1	



DLT51-LM25E-230SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	8847	0.5	0.5	
2	2212	0.9	0.9	
3	983	1.4	1.4	
4	553	1.8	1.8	

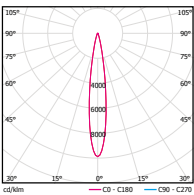


DLT51-LM25E-330SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	4905	0.7	0.7	
2	1226	1.4	1.4	
3	545	2.1	2.1	
4	307	2.8	2.8	

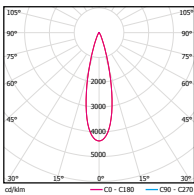


DLT51-LM25E-530SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	3033	0.9	0.9	
2	758	1.7	1.7	
3	337	2.6	2.6	
4	190	3.4	3.4	

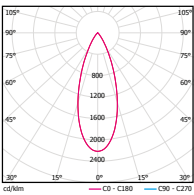
DLT61



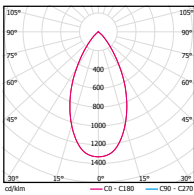
DLT61-LM43E-130SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	30695	0.3	0.3	
2	7674	0.5	0.5	
3	3411	0.8	0.8	
4	1918	1.1	1.1	



DLT61-LM43E-230SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	17104	0.5	0.5	
2	4276	0.9	0.9	
3	1900	1.4	1.4	
4	1069	1.8	1.8	



DLT61-LM43E-330SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	8637	0.7	0.7	
2	2159	1.3	1.3	
3	960	2.0	2.0	
4	540	2.7	2.7	



DLT61-LM43E-530SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	4885	1.0	1.0	
2	1221	1.9	1.9	
3	543	2.9	2.9	
4	305	3.8	3.8	

Accessories

Lenses/Filters

Model	Beam Elongator	Honeycomb
		
DLT21	LENS-DLT21-BEL	LENS-DLT21-HCL
DLT31	LENS-DLT31-BEL	LENS-DLT31-HCL
DLT41	LENS-DLT41-BEL	LENS-DLT41-HCL
DLT51	LENS-DLT51-BEL	LENS-DLT51-HCL
DLT61	LENS-DLT61-BEL	LENS-DLT61-HCL

Note: Only one piece accessory allowed and need to order separately

VOLTA ROUND DIRECTIONAL



DDT21

DDT31

DDT41

DDT51

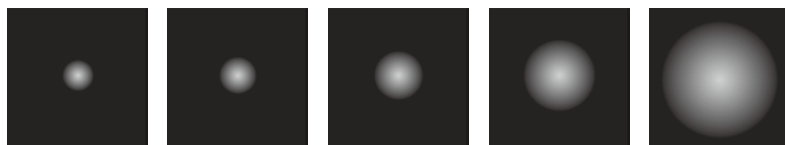
DDT61

Specifications



- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-25° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø55mm / Ø75mm / Ø100mm / Ø125mm / Ø150mm
- Ceiling Thickness: 1mm-15mm / 1mm-15mm / 1mm-20mm / 1mm-25mm / 1mm-30mm
- Cut Off Angle: 30°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - DDT21 3000K: 800lm 7W / 720lm 8W
 - DDT31 3000K: 800lm 7W / 720lm 8W / 1150lm 10W / 1495lm 13W
 - DDT41 3000K: 720lm 8W / 1465lm 13W / 1975lm 18W
 - DDT51 3000K: 1975lm 18W / 2160lm 24W / 2610lm 25W / 3255lm 32W
 - DDT61 3000K: 3000lm 32W / 3830lm 32W / 4505lm 43W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.2Kg / 0.35Kg / 0.6Kg / 1.0Kg / 1.7Kg

Product Features/Optics



S 8°

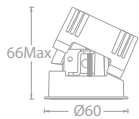
1 15°/18°

2 24°/28°

3 36°/38°

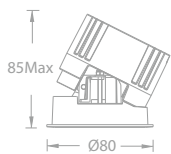
5 50°

Product Parameters



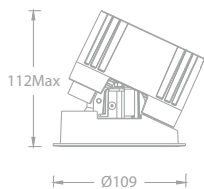
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	2 2"	1 Round Trim (IP44 Aperture)	LD08 LED 8W	397lm(@8W 3000K 15°) 455lm(@8W 3000K 24°) 445lm(@8W 3000K 36°) 302lm(@8W 3000K 50°)	E ON-OFF D 0-10V Dimming A DALI N No Driver	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		
DDT	2 2"	1 Round Trim (IP44 Aperture)	LD07 LED 7W	395lm(@7W 3000K 24°) 380lm(@7W 3000K 36°) 348lm(@7W 3000K 50°)	E ON-OFF D 0-10V Dimming A DALI N No Driver	2 24°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						4 36°			
						5 50°			

Example : DDT21-LD08E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	3 3"	1 Round Trim (IP44 Aperture)	LD08 LED 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	5 8°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DDT	3 3"	1 Round Trim (IP44 Aperture)	LM07 COB 7W	438lm(@7W 3000K 15°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
			LM10 COB 10W	554lm(@7W 3000K 24°)		2 24°	30 3000K		
			LM13 COB 13W	456lm(@7W 3000K 36°)		3 36°	35 3500K		
				378lm(@7W 3000K 55°)		4 40°	40 4000K		
				542lm(@10W 3000K 15°)		5 50°	50 5000K		
DDT	3 3"	1 Round Trim (IP44 Aperture)	LM18 COB 13W	685lm(@10W 3000K 24°)	N No Driver A DALI	1 15°	27 2700K	B Black S Specular	WT White BK Black
				564lm(@10W 3000K 36°)		2 24°	30 3000K		
				467lm(@10W 3000K 50°)		3 36°	35 3500K		
				710lm(@13W 3000K 15°)		4 40°	40 4000K		
				896lm(@13W 3000K 24°)		5 50°	50 5000K		
DDT	3 3"	1 Round Trim (IP44 Aperture)	LM13 COB 13W	935lm(@13W 3000K 18°)	N No Driver A DALI	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
				1035lm(@13W 3000K 28°)		2 28°			
				1024lm(@13W 3000K 36°)		3 38°			
				677lm(@13W 3000K 50°)		5 50°			

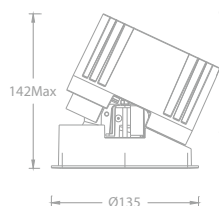
Example : DDT31-LM13E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	4 4"	1 Round Trim (IP44 Aperture)	LD08 LED 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	5 8°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DDT	4 4"	1 Round Trim (IP44 Aperture)	LM13 COB 13W	884lm(@13W 3000K 15°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
				1128lm(@13W 3000K 24°)		2 24°	30 3000K		
				1204lm(@13W 3000K 36°)		3 36°	35 3500K		
				995lm(@13W 3000K 50°)		4 40°	40 4000K		
				1258lm(@18W 3000K 15°)		5 50°	50 5000K		
DDT	4 4"	1 Round Trim (IP44 Aperture)	LM18 COB 18W	1604lm(@18W 3000K 24°)	N No Driver A DALI	1 15°	27 2700K	B Black S Specular	WT White BK Black
				1712lm(@18W 3000K 36°)		2 24°	30 3000K		
				1414lm(@18W 3000K 50°)		3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		
DDT	4 4"	1 Round Trim (IP44 Aperture)	LM18 COB 18W	1349lm(@18W 3000K 18°)	N No Driver A DALI	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
				1384lm(@18W 3000K 28°)		2 28°			
				1421lm(@18W 3000K 38°)		3 38°			
				1184lm(@18W 3000K 50°)		5 50°			

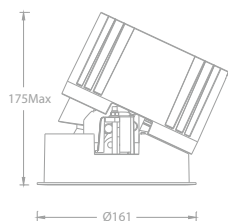
Example : DDT41-LM13E-230SWT

Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	5 5"	1 Round Trim (IP44 Aperture)	LD24 LED 24W	1125lm(@24W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	5 5"	1 Round Trim (IP44 Aperture)	LM18 COB 18W LM25 COB 25W LM32 COB 32W	1609lm(@18W 3000K 15°) 1640lm(@18W 3000K 24°) 1783lm(@18W 3000K 36°) 1538lm(@18W 3000K 50°) 2111lm(@25W 3000K 15°) 2152lm(@25W 3000K 24°) 2340lm(@25W 3000K 36°) 2018lm(@25W 3000K 50°) 2630lm(@32W 3000K 15°) 2682lm(@32W 3000K 24°) 2916lm(@32W 3000K 36°) 2514lm(@32W 3000K 50°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	5 5"	1 Round Trim (IP44 Aperture)	LM32 COB 32W	2340lm(@25W 3000K 36°) 2018lm(@25W 3000K 50°) 2630lm(@32W 3000K 15°) 2682lm(@32W 3000K 24°) 2916lm(@32W 3000K 36°) 2514lm(@32W 3000K 50°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	5 5"	1 Round Trim (IP44 Aperture)	LM25 COB 25W	2094lm(@25W 3000K 18°) 1967lm(@25W 3000K 28°) 2142lm(@25W 3000K 38°) 1830lm(@25W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 38° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DDT51-LM18E-230SWT

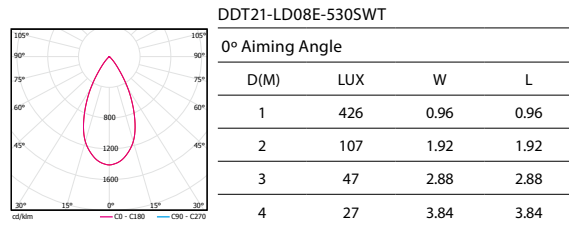
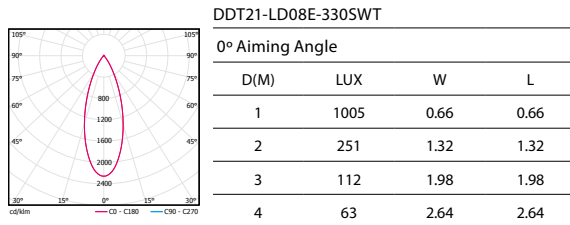
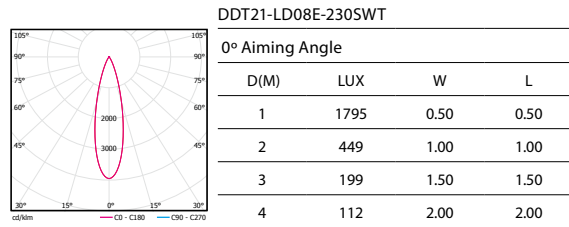
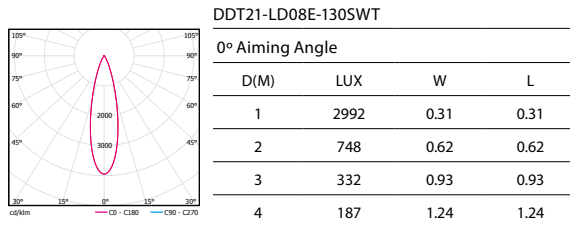


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	6 6"	1 Round Trim (IP44 Aperture)	LD32 LED 32W	1500lm(@32W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	6 6"	1 Round Trim (IP44 Aperture)	LM32 COB 32W LM43 COB 43W	2393lm(@32W 3000K 15°) 3015lm(@32W 3000K 24°) 3001lm(@32W 3000K 36°) 2830lm(@32W 3000K 50°) 3108lm(@43W 3000K 15°) 3916lm(@43W 3000K 24°) 3897lm(@43W 3000K 36°) 3675lm(@43W 3000K 50°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	6 6"	1 Round Trim (IP44 Aperture)	LM43 COB 43W	3897lm(@43W 3000K 36°) 3675lm(@43W 3000K 50°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	6 6"	1 Round Trim (IP44 Aperture)	LM43 COB 43W	3254lm(@43W 3000K 18°) 3271lm(@43W 3000K 28°) 3367lm(@43W 3000K 38°) 3249lm(@43W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 38° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

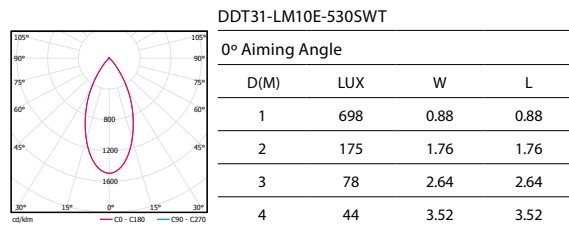
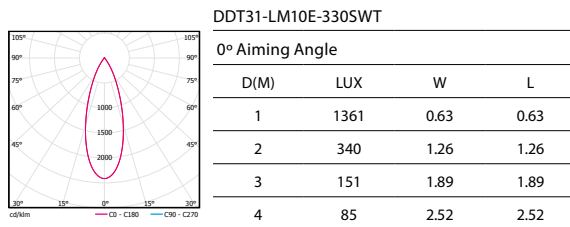
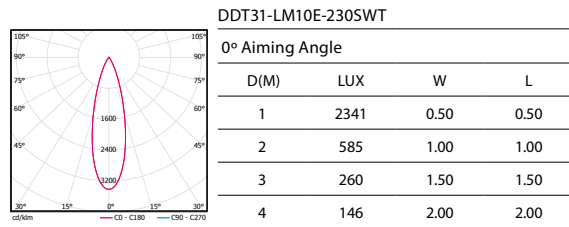
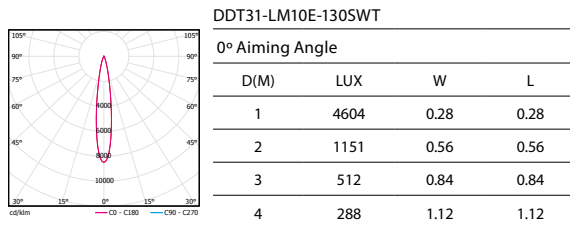
Example : DDT61-LM32E-230SWT

Light Distribution

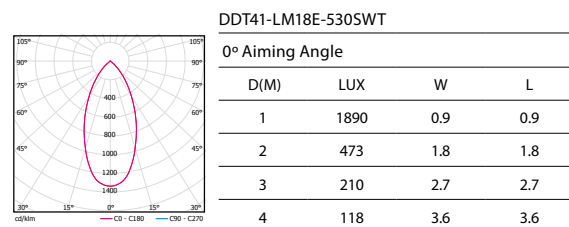
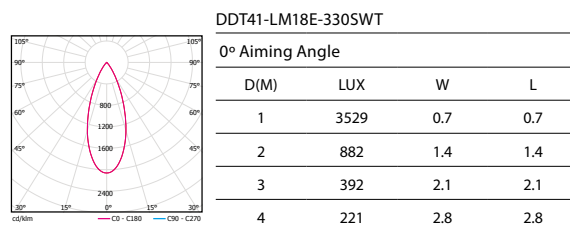
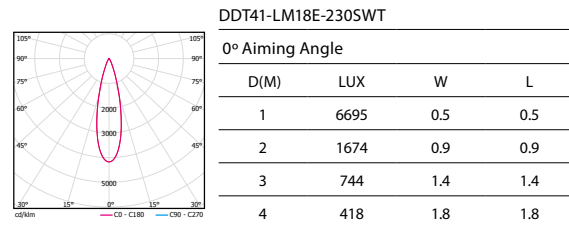
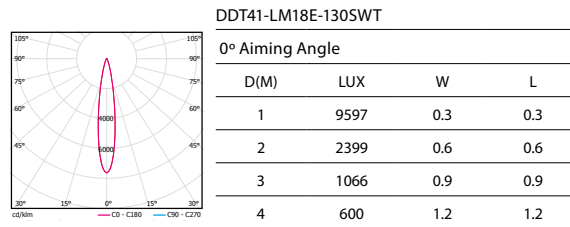
DDT21



DDT31

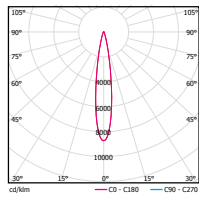


DDT41



Light Distribution

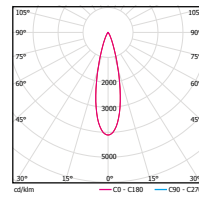
DDT51



DDT41-LM25E-130SWT

0° Aiming Angle

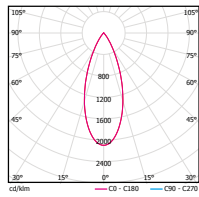
D(M)	LUX	W	L
1	18431	0.3	0.3
2	4608	0.6	0.6
3	2048	0.9	0.9
4	1152	1.1	1.1



DDT51-LM25E-230SWT

0° Aiming Angle

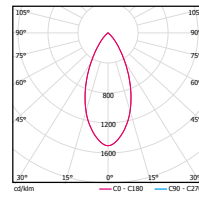
D(M)	LUX	W	L
1	8847	0.5	0.5
2	2212	0.9	0.9
3	983	1.4	1.4
4	553	1.8	1.8



DDT51-LM25E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4905	0.7	0.7
2	1226	1.4	1.4
3	545	2.1	2.1
4	307	2.8	2.8

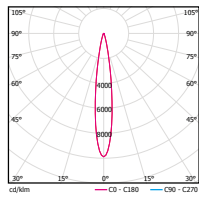


DDT51-LM25E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3033	0.9	0.9
2	758	1.7	1.7
3	337	2.6	2.6
4	190	3.4	3.4

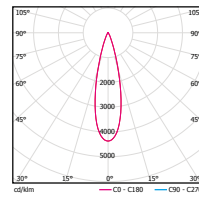
DDT61



DDT61-LM43E-130SWT

0° Aiming Angle

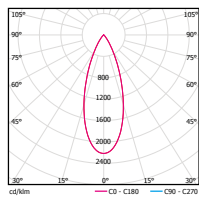
D(M)	LUX	W	L
1	30695	0.3	0.3
2	7674	0.5	0.5
3	3411	0.8	0.8
4	1918	1.1	1.1



DDT61-LM43E-230SWT

0° Aiming Angle

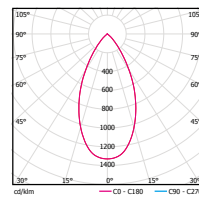
D(M)	LUX	W	L
1	17104	0.5	0.5
2	4276	0.9	0.9
3	1900	1.4	1.4
4	1069	1.8	1.8



DDT61-LM43E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	8637	0.7	0.7
2	2159	1.3	1.3
3	960	2.0	2.0
4	540	2.7	2.7



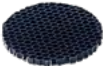
DDT61-LM43E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4885	1.0	1.0
2	1221	1.9	1.9
3	543	2.9	2.9
4	305	3.8	3.8

Accessories

Lenses/Filters

Model	Beam Elongator	Honeycomb
		
DDT21	LENS-DLT21-BEL	LENS-DLT21-HCL
DDT31	LENS-DDT31-BEL	LENS-DDT31-HCL
DDT41	LENS-DDT41-BEL	LENS-DDT41-HCL
DDT51	LENS-DDT51-BEL	LENS-DDT51-HCL
DDT61	LENS-DDT61-BEL	LENS-DDT61-HCL

Note: Only one piece accessory allowed and need to order separately

VOLTA ROUND WALL WASHER



Specifications



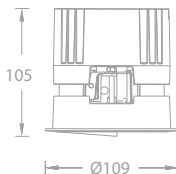
- Body Material: Die-cast aluminum
- Optical System: Wall Washer optical system
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø100mm
- Ceiling Thickness: 1mm-20mm
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
13W 3000K 1465lm 18W 3000K 1975lm
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.7Kg

Product Features/Optics



W Wall Washer

Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DWT	4 4"	1 Round Trim	LM13	COB 13W	1079lm(@18W 3000K)	E ON-OFF D 0-10V Dimming	W Wall Washer	B Black	WT White BK Black
			LM18	COB 18W					
DWT	4 4"	1 Round Trim	LM18	COB 18W	1079lm(@18W 3000K)	A DALI N No Driver	W Wall Washer	B Black	WT White BK Black

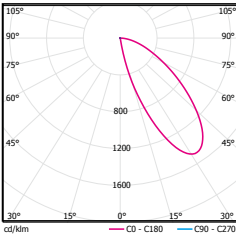
Example : DWT41-LM18E-W30BWT

Light Distribution

DWT41-LM18E-W30SWT

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	134	135	136	134	133
2.55	393	365	397	364	393
2.25	572	526	577	526	573
1.95	589	574	595	575	590
1.65	489	498	495	499	490
1.35	366	374	373	374	367
1.05	259	262	266	262	260
0.75	178	179	184	179	179
0.45	122	123	127	123	122
0.15	84	85	88	85	84

VOLTA SQUARE DOWNLIGHT - DIRECTIONAL



DLT05



DDT15-LD02



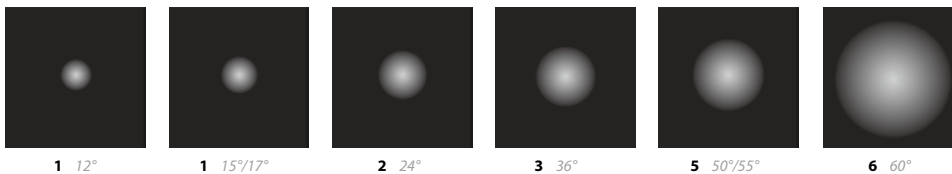
DDT15-LD05

Specifications



- Body Material: Aluminum
- Optical System: Clear Lens included+Honeycomb
- Finish: Environmentally safe powder coat
- Adjustable Angle:
 - DDT15-LD02: 0°-360° horizontal rotation and -20°-20° vertical aiming tilt
 - DDT15-LD05: 0°-25° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø18mm / □ 36*36mm / □ 36*36mm
- Ceiling Thickness: 1mm-15mm
- Cut Off Angle:15°
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
 - DLT05 3000K: 100lm
 - DDT15 3000K: 175lm 2W / 500lm 5W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.01Kg / 0.1Kg / 0.1Kg

Product Features/Optics



1 12°

1 15°/17°

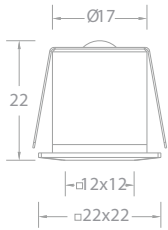
2 24°

3 36°

5 50°/55°

6 60°

Product Parameters

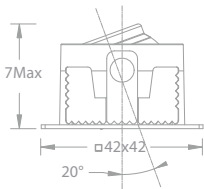


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	0 0.5"	5 Square Trim	LD01 LED 1W	41lm(@1W 3000K 17°) 37lm(@1W 3000K 24°) 27lm(@1W 3000K 36°) 63lm(@1W 3000K 60°)	T DMX512 Dimming 24V DC Power Supply M MTB driver N No Driver	1 17°	27 2700K	W White	WT White
						2 24°	30 3000K		
						3 36°	35 3500K		
						6 60°	40 4000K		
								B Black	BK Black

Example : DLT05-LD01N-230WWT

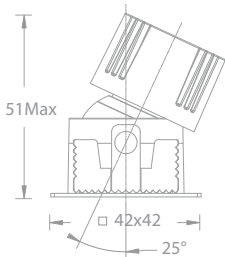
Note: Except for 60°, all other Honeycomb standard configured.

"MTB"needs to be ordered separately and cannot be directly connected to the mains power supply.



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	1 1"	5 Square Trim	LD02 LED 2W	91lm(@2W 3000K 13°) 95lm(@2W 3000K 24°) 89lm(@2W 3000K 36°) 74lm(@2W 3000K 55°)	E ON-OFF N No Driver	1 12°	27 2700K	W White	WT White
						2 24°	30 3000K		
						3 36°	35 3500K		
						5 55°	40 4000K		
								B Black	BK Black

Example : DDT15-LD02E-230WWT

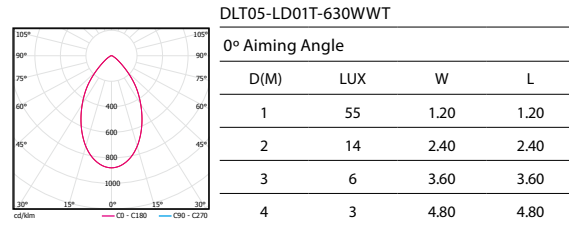
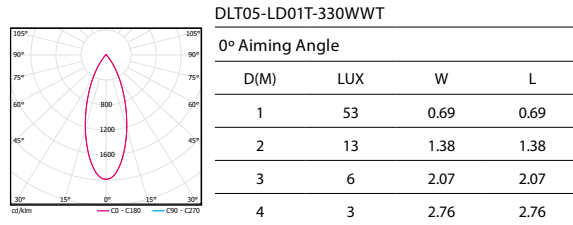
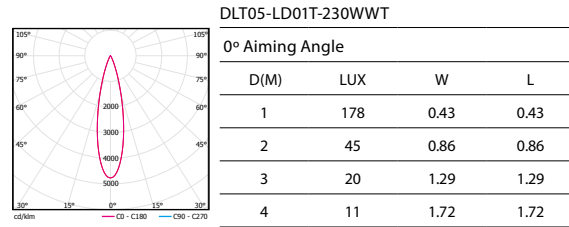
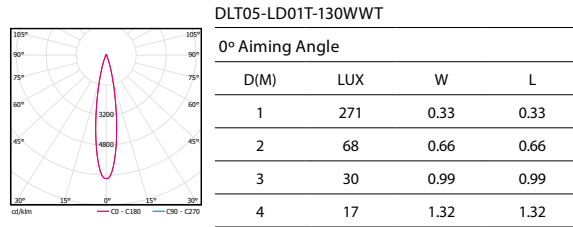


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	1 1"	5 Square Trim	LD05 LED 5W	274lm(@5W 3000K 15°) 235lm(@5W 3000K 24°) 218lm(@5W 3000K 36°) 184lm(@5W 3000K 50°)	E ON-OFF D 0-10V Dimming A DALI N No Driver	1 15°	27 2700K	W White	WT White
						2 24°	30 3000K		
						3 36°	35 3500K		
						5 50°	40 4000K 50 5000K		
								B Black	BK Black

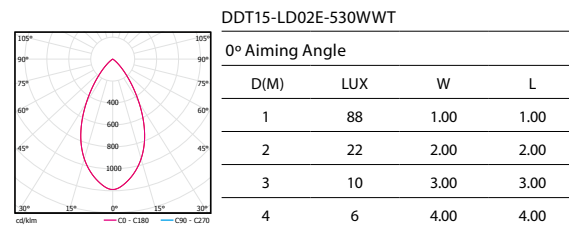
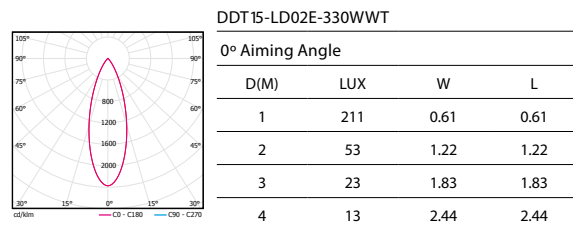
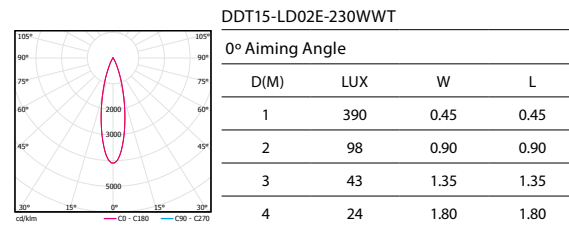
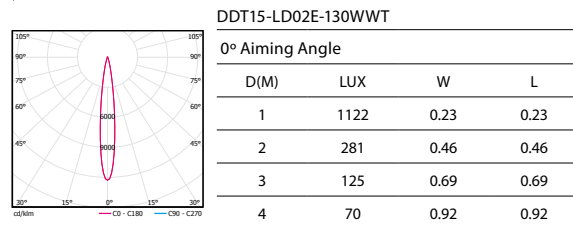
Example : DDT15-LD05E-230WWT

Light Distribution

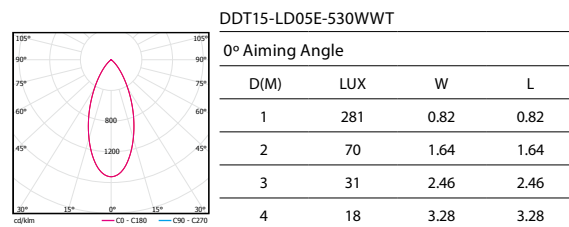
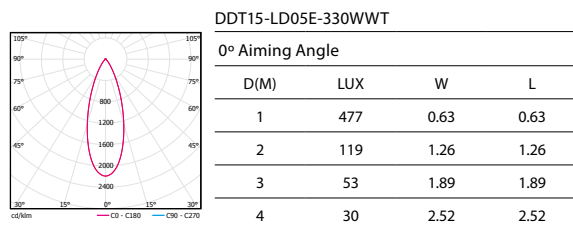
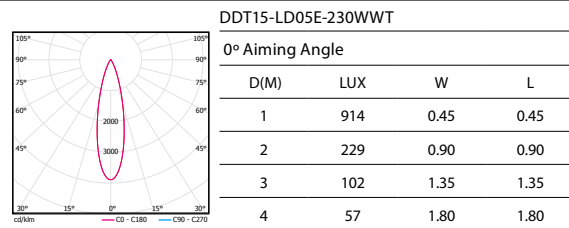
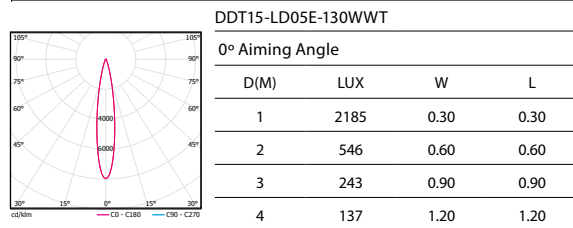
DLT05



DDT15-LD02



DDT15-LD05





RECESSED CEILING

Mandarin Oriental
Shenzhen, Guangdong Province, China

VOLTA SQUARE DOWNLIGHT



DLT25

DLT35

DLT45

DLT55

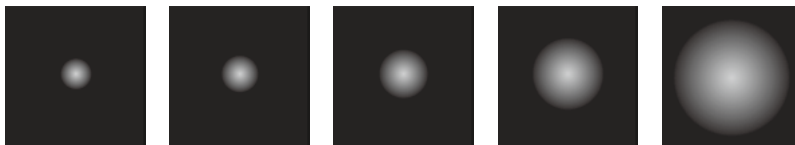
DLT65

Specifications



- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Various Optical Accessories
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Net Weight: 0.2kg / 0.35kg / 0.7Kg / 1.1Kg / 1.7Kg
- Cutout: □ 55x55mm / □ 75x75mm / □ 100*100mm / □ 125*125mm / □ 150*150mm
- Ceiling Thickness: 1mm-15mm / 1mm-15mm / 1mm-20mm / 1mm-25mm / 1mm-30mm
- Cut Off Angle: 30°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - DLT25 3000K: 720lm 8W
 - DLT35 3000K: 720lm 8W / 800lm 7W / 1150lm 10W / 1495lm 13W
 - DLT45 3000K: 720lm 8W / 1465lm 13W / 1975lm 18W
 - DLT55 3000K: 1975lm 18W / 2160lm 24W / 2610lm 25W / 3255lm 32W
 - DLT65 3000K: 3000lm 32W 8° / 3830lm 32W / 4505lm 43W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM

Product Features/Optics



S 8°

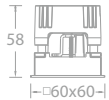
1 15°/18°

2 24°/28°

3 36°/38°

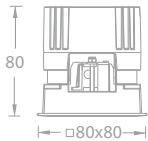
5 50°

Product Parameters



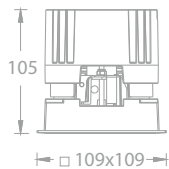
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	2 2"	5 Square Trim (IP44 Aperture)	LD08 LED 8W	397lm(@8W 3000K 15°) 455lm(@8W 3000K 24°) 445lm(@8W 3000K 36°) 302lm(@8W 3000K 50°)	E ON-OFF D 0-10V Dimming A DALI N No Driver	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	2 2"	5 Square Trim (IP44 Aperture)	LD07 LED 7W	395lm(@7W 3000K 24°) 380lm(@7W 3000K 36°) 348lm(@7W 3000K 50°)	E ON-OFF D 0-10V Dimming A DALI N No Driver	2 24° 4 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLT25-LD08E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	3 3"	5 Square Trim (IP44 Aperture)	LD08 LED 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	3 3"	5 Square Trim (IP44 Aperture)	LM07 COB 7W LM10 COB 10W LM13 COB 13W	438lm(@7W 3000K 15°) 554lm(@7W 3000K 24°) 456lm(@7W 3000K 36°) 378lm(@7W 3000K 55°) 542lm(@10W 3000K 15°) 685lm(@10W 3000K 24°) 564lm(@10W 3000K 36°) 467lm(@10W 3000K 55°) 710lm(@13W 3000K 15°) 896lm(@13W 3000K 24°) 738lm(@13W 3000K 36°) 612lm(@13W 3000K 50°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	3 3"	5 Square Trim (IP44 Aperture)	LM18 COB 13W	564lm(@10W 3000K 36°) 467lm(@10W 3000K 55°) 710lm(@13W 3000K 15°) 896lm(@13W 3000K 24°) 738lm(@13W 3000K 36°) 612lm(@13W 3000K 50°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	3 3"	5 Square Trim (IP44 Aperture)	LM13 COB 13W	935lm(@13W 3000K 18°) 1035lm(@13W 3000K 28°) 1024lm(@13W 3000K 36°) 677lm(@13W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 38° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

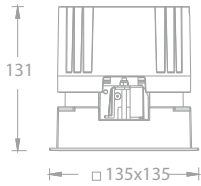
Example : DLT35-LM13E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	4 4"	5 Square Trim (IP44 Aperture)	LD08 LED 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	4 4"	5 Square Trim (IP44 Aperture)	LM13 COB 13W LM18 COB 18W	884lm(@13W 3000K 15°) 1128lm(@13W 3000K 24°) 1204lm(@13W 3000K 36°) 995lm(@13W 3000K 55°) 1258lm(@18W 3000K 15°) 1604lm(@18W 3000K 24°) 1712lm(@18W 3000K 36°) 1414lm(@18W 3000K 50°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	4 4"	5 Square Trim (IP44 Aperture)	LM18 COB 18W	1712lm(@18W 3000K 36°) 1414lm(@18W 3000K 50°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	4 4"	5 Square Trim (IP44 Aperture)	LM18 COB 18W	1349lm(@18W 3000K 18°) 1384lm(@18W 3000K 28°) 1421lm(@18W 3000K 38°) 1184lm(@18W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 38° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

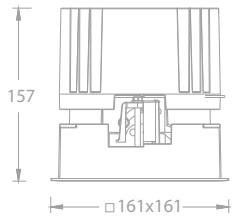
Example : DLT45-LM13E-230SWT

Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	5 5"	5 Square Trim (IP44 Aperture)	LD24 LED 24W	1125lm(@24W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	5 5"	5 Square Trim (IP44 Aperture)	LM18 COB 18W LM25 COB 25W LM32 COB 32W	1609lm(@18W 3000K 15°) 1640lm(@18W 3000K 24°) 1783lm(@18W 3000K 36°) 1538lm(@18W 3000K 50°) 2111lm(@25W 3000K 15°) 2152lm(@25W 3000K 24°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	5 5"	5 Square Trim (IP44 Aperture)	LM32 COB 32W	2340lm(@25W 3000K 36°) 2018lm(@25W 3000K 50°) 2630lm(@32W 3000K 15°) 2682lm(@32W 3000K 24°) 2916lm(@32W 3000K 36°) 2514lm(@32W 3000K 50°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	5 5"	5 Square Trim (IP44 Aperture)	LM25 COB 25W	2094lm(@25W 3000K 18°) 1967lm(@25W 3000K 28°) 2142lm(@25W 3000K 38°) 1830lm(@25W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 38° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLT55-LM18E-230SWT

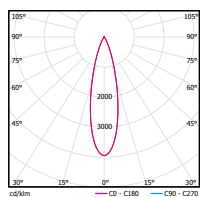


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLT	6 6"	5 Square Trim (IP44 Aperture)	LD32 LED 32W	1500lm(@32W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	6 6"	5 Square Trim (IP44 Aperture)	LM32 COB 32W LM43 COB 43W	2393lm(@32W 3000K 15°) 3015lm(@32W 3000K 24°) 3001lm(@32W 3000K 36°) 2830lm(@32W 3000K 50°) 3108lm(@43W 3000K 15°) 3916lm(@43W 3000K 24°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	6 6"	5 Square Trim (IP44 Aperture)	LM43 COB 43W	3897lm(@43W 3000K 36°) 3675lm(@43W 3000K 50°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLT	6 6"	5 Square Trim (IP44 Aperture)	LM43 COB 43W	3254lm(@43W 3000K 18°) 3271lm(@43W 3000K 28°) 3367lm(@43W 3000K 38°) 3249lm(@43W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 38° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLT65-LM32E-230SWT

Light Distribution

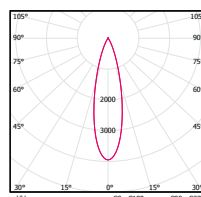
DLT25



DLT25-LD08E-130SWT

0° Aiming Angle

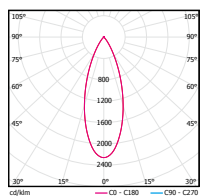
D(M)	LUX	W	L
1	2992	0.31	0.31
2	748	0.62	0.62
3	332	0.93	0.93
4	187	1.24	1.24



DLT25-LD08E-230SWT

0° Aiming Angle

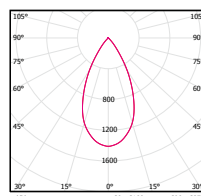
D(M)	LUX	W	L
1	1795	0.50	0.50
2	449	1.00	1.00
3	199	1.50	1.50
4	112	2.00	2.00



DLT25-LD08E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1005	0.66	0.66
2	251	1.32	1.32
3	112	1.98	1.98
4	63	2.64	2.64

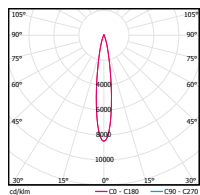


DLT25-LD08E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	426	0.96	0.96
2	107	1.92	1.92
3	47	2.88	2.88
4	27	3.84	3.84

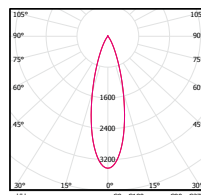
DLT35



DLT35-LM10E-130SWT

0° Aiming Angle

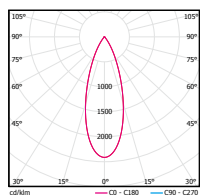
D(M)	LUX	W	L
1	4604	0.28	0.28
2	1151	0.56	0.56
3	512	0.84	0.84
4	288	1.12	1.12



DLT35-LM10E-230SWT

0° Aiming Angle

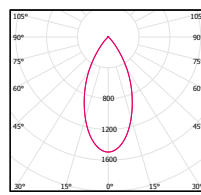
D(M)	LUX	W	L
1	2341	0.50	0.50
2	585	1.00	1.00
3	260	1.50	1.50
4	146	2.00	2.00



DLT35-LM10E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1361	0.63	0.63
2	340	1.26	1.26
3	151	1.89	1.89
4	85	2.52	2.52

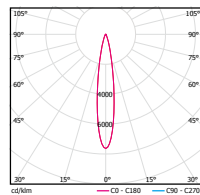


DLT35-LM10E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	698	0.88	0.88
2	175	1.76	1.76
3	78	2.64	2.64
4	44	3.52	3.52

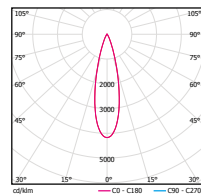
DLT45



DLT45-LM18E-130SWT

0° Aiming Angle

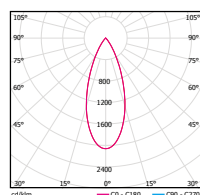
D(M)	LUX	W	L
1	9597	0.3	0.3
2	2399	0.6	0.6
3	1066	0.9	0.9
4	600	1.2	1.2



DLT45-LM18E-230SWT

0° Aiming Angle

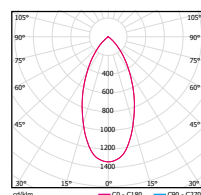
D(M)	LUX	W	L
1	6695	0.5	0.5
2	1674	0.9	0.9
3	744	1.4	1.4
4	418	1.8	1.8



DLT45-LM18E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3529	0.7	0.7
2	882	1.4	1.4
3	392	2.1	2.1
4	221	2.8	2.8



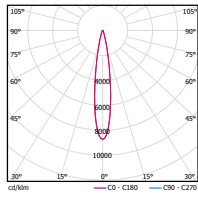
DLT45-LM18E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1890	0.9	0.9
2	473	1.8	1.8
3	210	2.7	2.7
4	118	3.6	3.6

Light Distribution

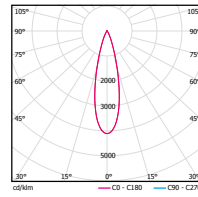
DLT55



DLT45-LM25E-130SWT

0° Aiming Angle

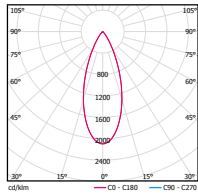
D(M)	LUX	W	L
1	18431	0.3	0.3
2	4608	0.6	0.6
3	2048	0.9	0.9
4	1152	1.1	1.1



DLT55-LM25E-230SWT

0° Aiming Angle

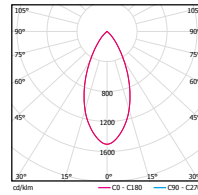
D(M)	LUX	W	L
1	8847	0.5	0.5
2	2212	0.9	0.9
3	983	1.4	1.4
4	553	1.8	1.8



DLT55-LM25E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4905	0.7	0.7
2	1226	1.4	1.4
3	545	2.1	2.1
4	307	2.8	2.8

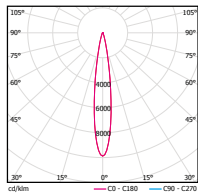


DLT55-LM25E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3033	0.9	0.9
2	758	1.7	1.7
3	337	2.6	2.6
4	190	3.4	3.4

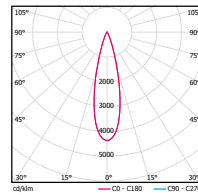
DLT65



DLT65-LM43E-130SWT

0° Aiming Angle

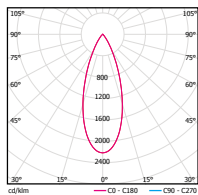
D(M)	LUX	W	L
1	30695	0.3	0.3
2	7674	0.5	0.5
3	3411	0.8	0.8
4	1918	1.1	1.1



DLT65-LM43E-230SWT

0° Aiming Angle

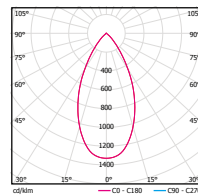
D(M)	LUX	W	L
1	17104	0.5	0.5
2	4276	0.9	0.9
3	1900	1.4	1.4
4	1069	1.8	1.8



DLT65-LM43E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	8637	0.7	0.7
2	2159	1.3	1.3
3	960	2.0	2.0
4	540	2.7	2.7



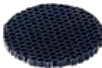
DLT65-LM43E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4885	1.0	1.0
2	1221	1.9	1.9
3	543	2.9	2.9
4	305	3.8	3.8

Accessories

Lenses/Filters

Model	Beam Elongator	Honeycomb
		
DLT25	LENS-DLT21-BEL	LENS-DLT21-HCL
DLT35	LENS-DLT31-BEL	LENS-DLT31-HCL
DLT45	LENS-DLT41-BEL	LENS-DLT41-HCL
DLT55	LENS-DLT51-BEL	LENS-DLT51-HCL
DLT65	LENS-DLT61-BEL	LENS-DLT61-HCL

Note; Only one piece accessory allowed and need to order separately

VOLTA SQUARE DIRECTIONAL



DDT25

DDT35

DDT45

DDT55

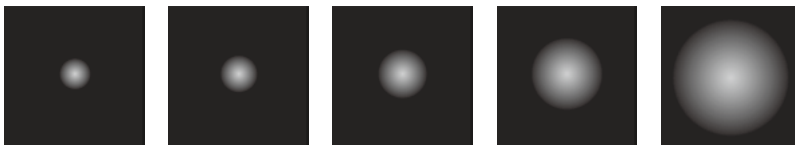
DDT65

Specifications



- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Various Optical Accessories
- Adjustable Angle: 0°-25° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Net Weight: 0.2kg / 0.35kg / 0.7Kg / 1.1Kg / 1.7Kg
- Cutout: □ 55x55mm / □ 75x75mm / □ 100*100mm / □ 125*125mm / □ 150*150mm
- Ceiling Thickness: 1mm-15mm / 1mm-15mm / 1mm-20mm / 1mm-25mm / 1mm-30mm
- Cut Off Angle: 30°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - DDT25 3000K: 720lm 8W
 - DDT35 3000K: 720lm 8W / 800lm 7W / 1150lm 10W / 1495lm 13W
 - DDT45 3000K: 720lm 8W / 1465lm 13W / 1975lm 18W
 - DDT55 3000K: 1975lm 18W / 2160lm 24W / 2610lm 25W / 3255lm 32W
 - DDT65 3000K: 3000lm 32W 8° / 3830lm 32W / 4505lm 43W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM

Product Features/Optics



5 8°

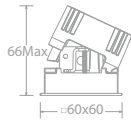
1 15°/18°

2 24°/28°

3 36°/38°

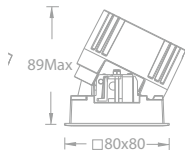
5 50°

Product Parameters



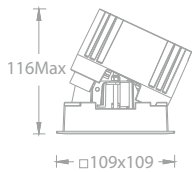
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	2 2"	5 Square Trim (IP44 Aperture)	LD08 LED 8W	397lm(@8W 3000K 15°) 455lm(@8W 3000K 24°) 445lm(@8W 3000K 36°) 302lm(@8W 3000K 50°)	E ON-OFF D 0-10V Dimming A DALI N No Driver	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		
DDT	2 2"	5 Square Trim (IP44 Aperture)	LD07 LED 7W	395lm(@7W 3000K 24°) 380lm(@7W 3000K 36°) 348lm(@7W 3000K 50°)	E ON-OFF D 0-10V Dimming A DALI N No Driver	2 24°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						4 36°			
						5 50°			

Example : DDT25-LD08E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	3 3"	5 Square Trim (IP44 Aperture)	LD08 LED 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	5 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	3 3"	5 Square Trim (IP44 Aperture)	LM07 COB 7W	438lm(@7W 3000K 15°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
			LM10 COB 10W	554lm(@7W 3000K 24°)		2 24°	30 3000K		
			LM13 COB 13W	456lm(@7W 3000K 36°)		3 36°	35 3500K		
				378lm(@7W 3000K 55°)		4 40°	40 4000K		
				542lm(@10W 3000K 15°)		5 50°	50 5000K		
DDT	3 3"	5 Square Trim (IP44 Aperture)	LM18 COB 13W	685lm(@10W 3000K 24°)	N No Driver A DALI	1 15°	27 2700K	B Black S Specular	WT White BK Black
				564lm(@10W 3000K 36°)		2 24°	30 3000K		
				467lm(@10W 3000K 55°)		3 36°	35 3500K		
				710lm(@13W 3000K 15°)		4 40°	40 4000K		
				896lm(@13W 3000K 24°)		5 50°	50 5000K		
DDT	3 3"	5 Square Trim (IP44 Aperture)	LM13 COB 13W	935lm(@13W 3000K 18°)	N No Driver A DALI	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
				1035lm(@13W 3000K 28°)		2 28°			
				1024lm(@13W 3000K 36°)		3 38°			
				677lm(@13W 3000K 50°)		5 50°			

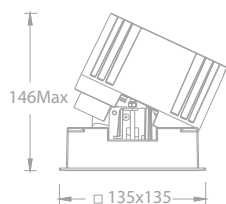
Example : DDT35-LM13E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	4 4"	5 Square Trim (IP44 Aperture)	LD08 LED 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	5 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	4 4"	5 Square Trim (IP44 Aperture)	LM13 COB 13W	884lm(@13W 3000K 15°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
			LM18 COB 18W	1128lm(@13W 3000K 24°)		2 24°	30 3000K		
				1204lm(@13W 3000K 36°)		3 36°	35 3500K		
				995lm(@13W 3000K 55°)		4 40°	40 4000K		
				1258lm(@18W 3000K 15°)		5 50°	50 5000K		
DDT	4 4"	5 Square Trim (IP44 Aperture)	LM18 COB 18W	1604lm(@18W 3000K 24°)	N No Driver A DALI	1 15°	27 2700K	B Black S Specular	WT White BK Black
				1712lm(@18W 3000K 36°)		2 24°	30 3000K		
				1414lm(@18W 3000K 50°)		3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		
DDT	4 4"	5 Square Trim (IP44 Aperture)	LM18 COB 18W	1349lm(@18W 3000K 18°)	N No Driver A DALI	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
				1384lm(@18W 3000K 28°)		2 28°			
				1421lm(@18W 3000K 38°)		3 38°			
				1184lm(@18W 3000K 50°)		5 50°			

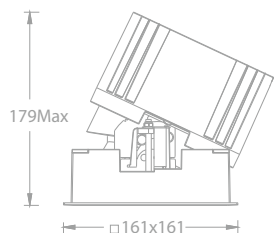
Example : DDT45-LM13E-230SWT

Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	5 5"	5 Square Trim (IP44 Aperture)	LD24 LED 24W	1125lm(@24W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	5 5"	5 Square Trim (IP44 Aperture)	LM18 COB 18W LM25 COB 25W LM32 COB 32W	1609lm(@18W 3000K 15°) 1640lm(@18W 3000K 24°) 1783lm(@18W 3000K 36°) 1538lm(@18W 3000K 50°) 2111lm(@25W 3000K 15°) 2152lm(@25W 3000K 24°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	5 5"	5 Square Trim (IP44 Aperture)	LM32 COB 32W	2340lm(@25W 3000K 36°) 2018lm(@25W 3000K 50°) 2630lm(@32W 3000K 15°) 2682lm(@32W 3000K 24°) 2916lm(@32W 3000K 36°) 2514lm(@32W 3000K 50°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	5 5"	5 Square Trim (IP44 Aperture)	LM25 COB 25W	2094lm(@25W 3000K 18°) 1967lm(@25W 3000K 28°) 2142lm(@25W 3000K 38°) 1830lm(@25W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 38° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DDT55-LM18E-230SWT

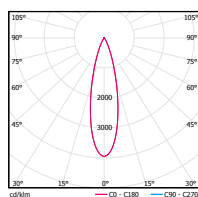


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDT	6 6"	5 Square Trim (IP44 Aperture)	LD32 LED 32W	1500lm(@32W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	6 6"	5 Square Trim (IP44 Aperture)	LM32 COB 32W LM43 COB 43W	2393lm(@32W 3000K 15°) 3015lm(@32W 3000K 24°) 3001lm(@32W 3000K 36°) 2830lm(@32W 3000K 50°) 3108lm(@43W 3000K 15°) 3916lm(@43W 3000K 24°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	6 6"	5 Square Trim (IP44 Aperture)	LM43 COB 43W	3897lm(@43W 3000K 36°) 3675lm(@43W 3000K 50°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDT	6 6"	5 Square Trim (IP44 Aperture)	LM43 COB 43W	3254lm(@43W 3000K 18°) 3271lm(@43W 3000K 28°) 3367lm(@43W 3000K 38°) 3249lm(@43W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 38° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DDT65-LM32E-230SWT

Light Distribution

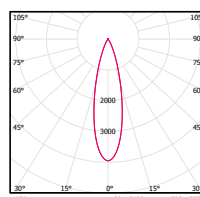
DDT25



DDT25-LD08E-130SWT

0° Aiming Angle

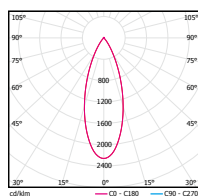
D(M)	LUX	W	L
1	2992	0.31	0.31
2	748	0.62	0.62
3	332	0.93	0.93
4	187	1.24	1.24



DDT25-LD08E-230SWT

0° Aiming Angle

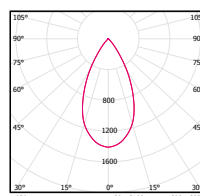
D(M)	LUX	W	L
1	1795	0.50	0.50
2	449	1.00	1.00
3	199	1.50	1.50
4	112	2.00	2.00



DDT25-LD08E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1005	0.66	0.66
2	251	1.32	1.32
3	112	1.98	1.98
4	63	2.64	2.64

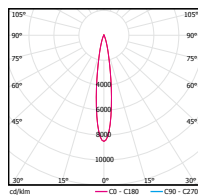


DDT25-LD08E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	426	0.96	0.96
2	107	1.92	1.92
3	47	2.88	2.88
4	27	3.84	3.84

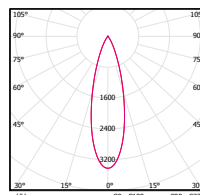
DDT35



DDT35-LM10E-130SWT

0° Aiming Angle

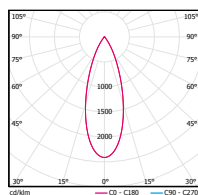
D(M)	LUX	W	L
1	4604	0.28	0.28
2	1151	0.56	0.56
3	512	0.84	0.84
4	288	1.12	1.12



DDT35-LM10E-230SWT

0° Aiming Angle

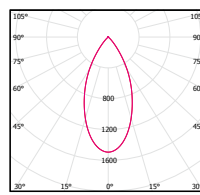
D(M)	LUX	W	L
1	2341	0.50	0.50
2	585	1.00	1.00
3	260	1.50	1.50
4	146	2.00	2.00



DDT35-LM10E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1361	0.63	0.63
2	340	1.26	1.26
3	151	1.89	1.89
4	85	2.52	2.52

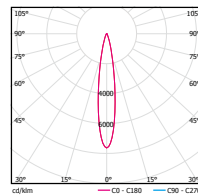


DDT35-LM10E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	698	0.88	0.88
2	175	1.76	1.76
3	78	2.64	2.64
4	44	3.52	3.52

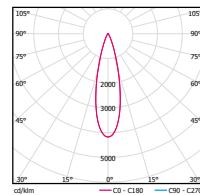
DDT45



DDT45-LM18E-130SWT

0° Aiming Angle

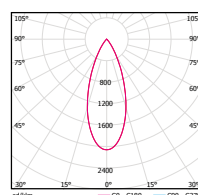
D(M)	LUX	W	L
1	9597	0.3	0.3
2	2399	0.6	0.6
3	1066	0.9	0.9
4	600	1.2	1.2



DDT45-LM18E-230SWT

0° Aiming Angle

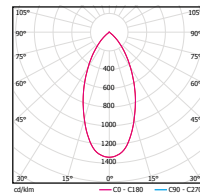
D(M)	LUX	W	L
1	6695	0.5	0.5
2	1674	0.9	0.9
3	744	1.4	1.4
4	418	1.8	1.8



DDT45-LM18E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3529	0.7	0.7
2	882	1.4	1.4
3	392	2.1	2.1
4	221	2.8	2.8

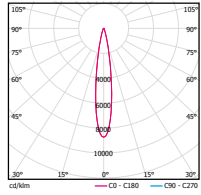


DDT45-LM18E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1890	0.9	0.9
2	473	1.8	1.8
3	210	2.7	2.7
4	118	3.6	3.6

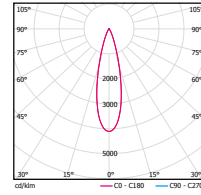
DDT55



DDT55-LM25E-130SWT

0° Aiming Angle

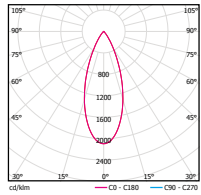
D(M)	LUX	W	L
1	18431	0.3	0.3
2	4608	0.6	0.6
3	2048	0.9	0.9
4	1152	1.1	1.1



DDT55-LM25E-230SWT

0° Aiming Angle

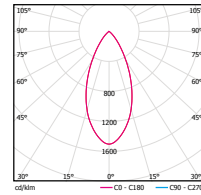
D(M)	LUX	W	L
1	8847	0.5	0.5
2	2212	0.9	0.9
3	983	1.4	1.4
4	553	1.8	1.8



DDT55-LM25E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4905	0.7	0.7
2	1226	1.4	1.4
3	545	2.1	2.1
4	307	2.8	2.8

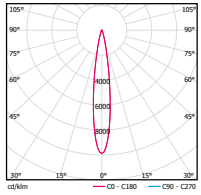


DDT55-LM25E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3033	0.9	0.9
2	758	1.7	1.7
3	337	2.6	2.6
4	190	3.4	3.4

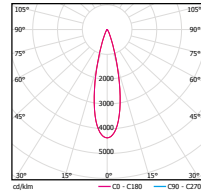
DDT65



DDT65-LM43E-130SWT

0° Aiming Angle

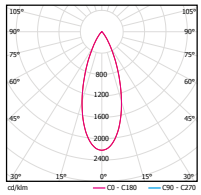
D(M)	LUX	W	L
1	30695	0.3	0.3
2	7674	0.5	0.5
3	3411	0.8	0.8
4	1918	1.1	1.1



DDT65-LM43E-230SWT

0° Aiming Angle

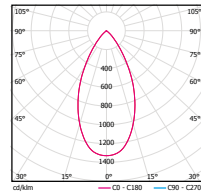
D(M)	LUX	W	L
1	17104	0.5	0.5
2	4276	0.9	0.9
3	1900	1.4	1.4
4	1069	1.8	1.8



DDT65-LM43E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	8637	0.7	0.7
2	2159	1.3	1.3
3	960	2.0	2.0
4	540	2.7	2.7



DDT65-LM43E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4885	1.0	1.0
2	1221	1.9	1.9
3	543	2.9	2.9
4	305	3.8	3.8

Accessories

Lenses/Filters

Model	Beam Elongator	Honeycomb
		
DDT25	LENS-DLT21-BEL	LENS-DLT21-HCL
DDT35	LENS-DDT31-BEL	LENS-DDT31-HCL
DDT45	LENS-DDT41-BEL	LENS-DDT41-HCL
DDT55	LENS-DDT51-BEL	LENS-DDT51-HCL
DDT65	LENS-DDT61-BEL	LENS-DDT61-HCL

Note: Only one piece accessory allowed and need to order separately

RECESSED CEILING

VOLTA SMART

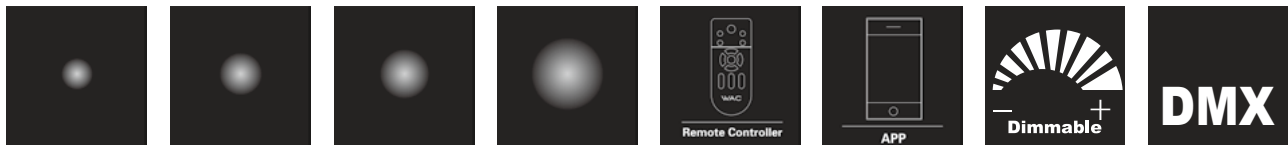


Specifications



- Body Material: Die-cast aluminum
- Optical System: Clear Lens included
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
- Accessories/Brackets: Remote Controller
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø160mm
- Ceiling Thickness: 1mm-25mm
- Cut Off Angle: 15°
- LED Type: High Power LED(7°) / COB(10°/24°/36°)
- LED Wattage, CCT, Lumen Output: 3000K 2250lm 20W
3000K 3350lm 30W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 2.6Kg

Product Features/Optics



S 7°

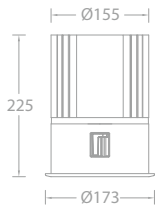
1 10°

2 24°

3 36°

Multiple options for dimming

Product Parameters

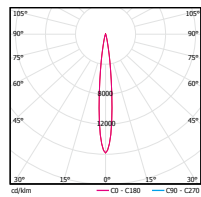


Model	Size	Trim	LED Power	System CBCP	Driver	Beam	CCT	Reflector	Finish
JDT	6 6"	9 Round Trim	LD20 20W LD30 30W	27692cd(20W @3000K 10°) 10831cd(20W @3000K 24°) 5737cd(20W @3000K 36°) 38323cd(30W @3000K 10°) 14988cd(30W @3000K 24°) 7912cd(30W @3000K 36°)	B APP G Remote Control D 0-10V+Remote Control M DMX512+Remote Control W DMX512	S 7° 1 10° 2 24° 3 36° F 15°-40°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	W White	WT Black
								B Black	BK Black

Example: DDT69-LM20G-130WWT
Note: Honeycomb standard configured

Light Distribution

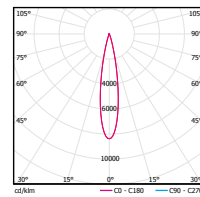
DDT69



DDT69-LM30-G127WWT

0° Aiming Angle

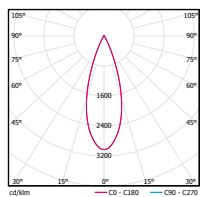
D(M)	LUX	W	L
1	30436	0.21	0.21
2	7609	0.42	0.42
3	3382	0.63	0.63
4	1902	0.84	0.84



DDT69-LM30-G227WWT

0° Aiming Angle

D(M)	LUX	W	L
1	15844	0.33	0.33
2	3961	0.66	0.66
3	1760	0.99	0.99
4	990	1.32	1.32



DDT69-LM30-G327WWT

0° Aiming Angle

D(M)	LUX	W	L
1	5344	0.61	0.61
2	1336	1.22	1.22
3	594	1.83	1.83
4	334	2.44	2.44

Accessories

Model	Remote Controller
DDT69	PAD-DDT69-WT

Note: The handheld remote controller needs to be ordered separately. The maximum number of matching luminaires is 10, and the maximum distance is 10 meters. Please refer to the installation manual for details.



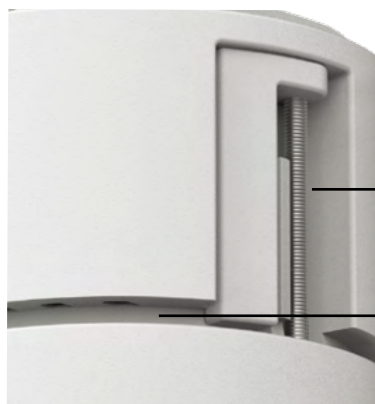


PLANA PRO

RECESSED CEILING



SUBROSA® Optics for the Ultimate Visual Experience



Screw mounted for non-destructive ceiling

Unique deflector design with better heat dissipation performance

PLANA PRO MONO



DLP13

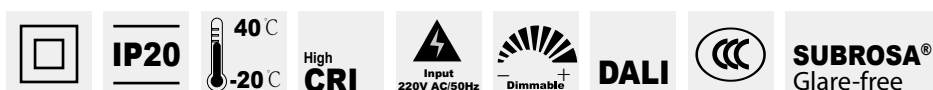
DLP23

DLP33

DLP43

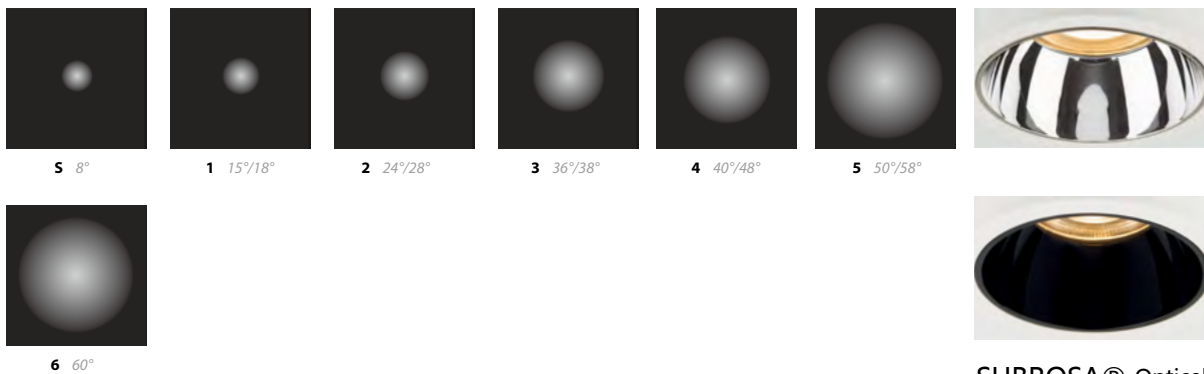
DLP53

Specifications



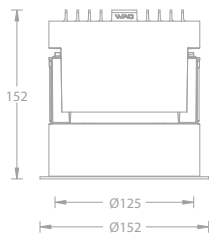
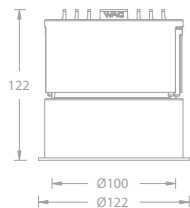
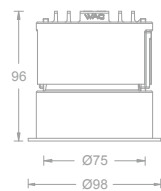
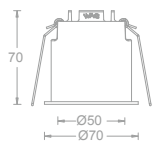
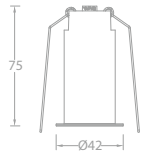
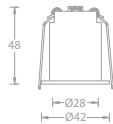
- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + SUBROSA®Optical System
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø36mm / Ø63mm / Ø93mm / Ø116mm / Ø140mm
- Ceiling Thickness: 1mm-25mm / 1mm-30mm / 1mm-40mm / 1mm-40mm / 1mm-40mm
- Cut Off Angle: 35° / 30°(DLP13-LD06)
- LED Wattage, CCT, Lumen Output:
 - DLP13 3000K: 220lm 2W / 600lm 6W
 - DLP23 3000K: 800lm
 - DLP33 3000K: 1463lm 13W / 1971lm 18W
 - DLP43 3000K: 2300lm 18W / 3100lm 25W
 - DLP53 3000K: 3830lm 32W / 4500lm 40W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM (4000K 5 SDCM)
- Net Weight: 0.15Kg / 0.45Kg / 1.0Kg / 1.45Kg / 2.2Kg

Product Features/Optics



SUBROSA® Optical System

Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish	
DLP	1	1"	3 Round Trim	LD02 LED 2W	134lm(@2W 3000K 12°) 152lm(@2W 3000K 22°) 119lm(@2W 3000K 30°)	E ON-OFF N No Driver	27 2700K 30 3000K 40 4000K	S 8° 1 15° 2 24° 3 36° 5 50°	B Black S Specular	WT White

Example: DLP13-LD02E-302BWT

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

Example: DLP13-LD06D-230BWT

Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish	
DLP	2	2"	3 Round Trim	LD08 LED 8W	546lm(@8W 3000K 15°) 554lm(@8W 3000K 24°) 542lm(@8W 3000K 36°) 498lm(@8W 3000K 48°)	E ON-OFF D 0-10V Dimming N No Driver	27 2700K 30 3000K 40 4000K	1 15° 2 24° 3 36° 4 48°	B Black S Specular	WT White

Example: DLP23-LD08E-302BWT

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

Example: DLP33-LM18E-302BWT

Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish		
DLP	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°)	E ON-OFF D 0-10V Dimming	27 2700K	2 20°	B Black S Specular	WT White
								30 3000K	3 30°		
								35 3500K	4 40°		
								40 4000K	5 50°		
								50 5000K	6 60°		
DLP	4	4"	3	Round Trim	LM25 COB 25W	1921lm(@25W 3000K 30°) 1981lm(@25W 3000K 40°) 2348lm(@25W 3000K 50°) 2274lm(@25W 3000K 60°)	N No Driver A DALI	27 2700K	2 20°	B Black S Specular	WT White
								30 3000K	3 30°		
								35 3500K	4 40°		
								40 4000K	5 50°		
								50 5000K	6 60°		

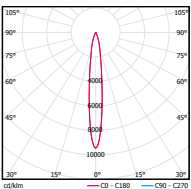
Example: DLP43-LM18E-302BWT

Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish	
DLP	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 ON-OFF D 0-10V Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	1 15° 2 24° 3 36°	B Black S Specular	WT White
DLP	5	5"	3 Round Trim	LM40 COB 40W	N No Driver A DALI	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	1 15° 2 24° 3 36°	B Black S Specular	WT White	

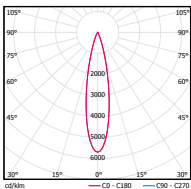
Example: DLP53-LM32E-302BWT

Light Distribution

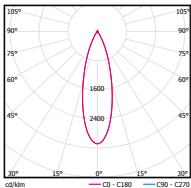
DLP13



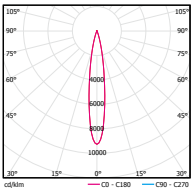
DLP13-LD02E-301SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	1597	0.2	0.2	
2	399	0.5	0.5	
3	177	0.7	0.7	
4	100	0.9	0.9	



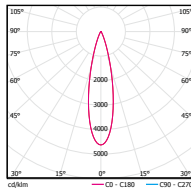
DLP13-LD02E-302SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	887	0.4	0.4	
2	222	0.8	0.8	
3	99	1.2	1.2	
4	55	1.6	1.6	



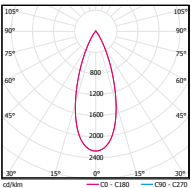
DLP13-LD02E-303SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	284	0.6	0.6	
2	71	1.3	1.3	
3	32	1.9	1.9	
4	18	2.5	2.5	



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	

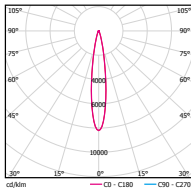


DLP13-LD06D-230BWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	2043	0.43	0.43	
2	511	0.86	0.86	
3	227	1.29	1.29	
4	128	1.72	1.72	

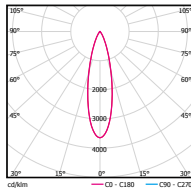


DLP13-LD06D-330BWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	1020	0.67	0.67	
2	255	1.34	1.34	
3	113	2.01	2.01	
4	64	2.68	2.68	

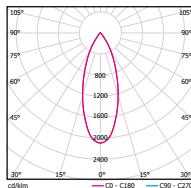
DLP23



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	

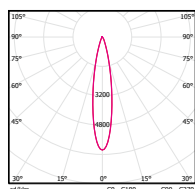


DLP23-LD02E-302SWT				
0° Aiming Angle				
D(M)	LUX	W	L	
1	887	0.4	0.4	
2	222	0.8	0.8	
3	99	1.2	1.2	
4	55	1.6	1.6	



DLP23-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	

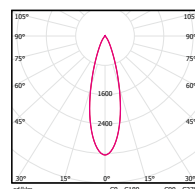
DLP33



DLP33-LM18E-301SWT

0° Aiming Angle

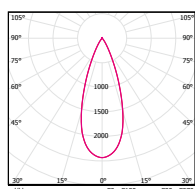
D(M)	LUX	W	L
1	6468	0.3	0.3
2	1617	0.6	0.6
3	719	1.0	1.0
4	404	1.3	1.3



DLP33-LM18E-302SWT

0° Aiming Angle

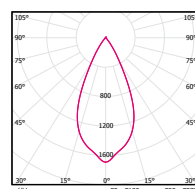
D(M)	LUX	W	L
1	3518	0.5	0.5
2	880	1.0	1.0
3	391	1.5	1.5
4	220	2.0	2.0



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

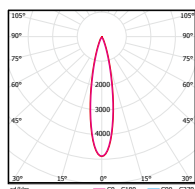


DLP33-LM18E-304SWT

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

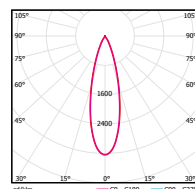
DLP43



DLP43-LM25E-302SWT

0° Aiming Angle

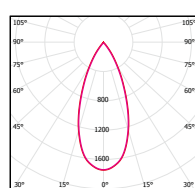
D(M)	LUX	W	L
1	10365	0.4	0.4
2	2591	0.7	0.7
3	1152	1.1	1.1
4	648	1.4	1.4



DLP43-LM25E-303SWT

0° Aiming Angle

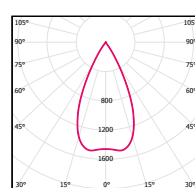
D(M)	LUX	W	L
1	6253	0.5	0.5
2	1563	1.1	1.1
3	695	1.6	1.6
4	391	2.1	2.1



DLP43-LM25E-302SWT

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

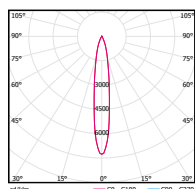


DLP43-LM25E-305SWT

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

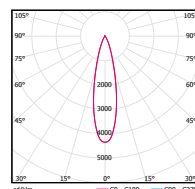
DLP53



DLP53-LM40E-301SWT

0° Aiming Angle

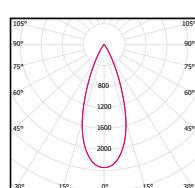
D(M)	LUX	W	L
1	26804	0.26	0.26
2	6701	0.52	0.52
3	2978	0.78	0.78
4	1675	1.04	1.04



DLP53-LM40E-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



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

PLANA PRO RGBW



DLP33



DLP43

Specifications



IP20



High CRI



DMX

SUBROSA®
Glare-free

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + SUBROSA® Optical System
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø93mm / Ø116mm
- Ceiling Thickness: 1mm-35mm
- Cut Off Angle: 35°
- LED Type: RGBW 4in1
- LED CCT,wattage : RGBW 14W / RGBW 24W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 1.0Kg / 1.45Kg

Product Features/Optics



4 40°

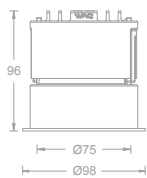


6 60°



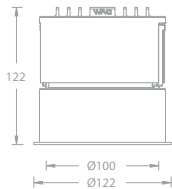
SUBROSA® Optical System

Product Parameters



Model	Size	Trim	LED Power	Driver	CCT	Beam	Reflector	Finish
DLP	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



Model	Size	Trim	LED Power	Driver	CCT	Beam	Reflector	Finish
DLP	4 4"	3 Round Trim	LM24 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

RECESSED CEILING

PLANA PRO DIRECTIONAL MONO



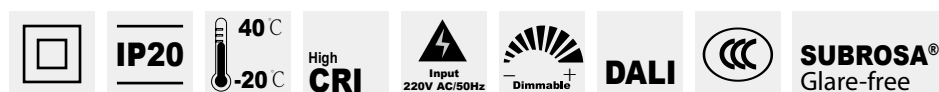
DDP21

DDP31

DDP41

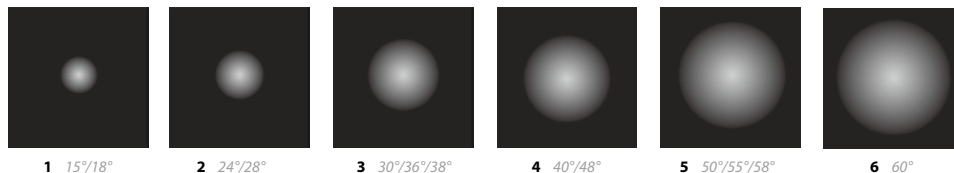
DDP51

Specifications



- Body Material: Die-cast aluminum
- Optical System:
DDP21/DDP31/DDP41: Lens + SUBROSA® Optical System
DDP51: Lens+Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle:
DDP21/DDP31/DDP41: Adjustable Angle: 0°-355° horizontal rotation and 0°-30° vertical aiming tilt
DDP51: 0°-26° horizontal rotation and 0°-25° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø36mm / Ø63mm / Ø93mm / Ø116mm / Ø140mm
- Ceiling Thickness: 1mm-15mm / 6mm-16mm / 1mm-25mm / 1mm-25mm / 1mm-25mm
- Cut Off Angle: 35° / 15°(DDP11)
- LED Wattage, CCT, Lumen Output:
DDP21 3000K: 800lm
DDP31 3000K: 1463lm 13W / 1971lm 18W
DDP41 3000K: 2300lm 18W / 3100lm 25W
DDP51 3000K: 3830lm 32W / 4500lm 40W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.45Kg / 1.0Kg / 1.45Kg / 1.95Kg

Product Features/Optics



1 15°/18°

2 24°/28°

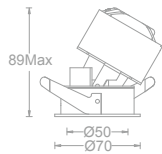
3 30°/36°/38°

4 40°/48°

5 50°/55°/58°

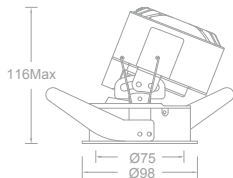
6 60°

Product Parameters



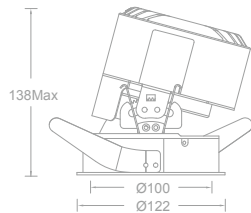
Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DDP	2 2"	1 Round Trim	LD08 LED 8W	436lm(@8W 3000K 15°) 438lm(@8W 3000K 24°) 437lm(@8W 3000K 36°)	E ON-OFF D 0-10V Dimming N No Driver	27 2700K 30 3000K 40 4000K	1 15° 2 24° 3 36°	B Black S Specular	WT White

Example: DDP21-LD08E-302BWT



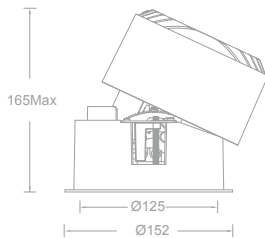
Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DDP	3 3"	1 Round Trim	LM13 COB 13W LM18 COB 18W	815lm(@13W 3000K 18°) 830lm(@13W 3000K 28°) 958lm(@13W 3000K 38°) 919lm(@13W 3000K 48°) 915lm(@13W 3000K 58°)	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K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

Example: DDP31-LM18E-302BWT



Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DDP	4 4"	1 Round Trim	LM18 COB 18W LM25 COB 25W	1559lm(@18W 3000K 20°) 1424lm(@18W 3000K 30°) 1452lm(@18W 3000K 40°) 1760lm(@18W 3000K 50°) 1649lm(@18W 3000K 60°)	E ON-OFF D 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
DDP	4 4"	1 Round Trim	LM25 COB 25W	1930lm(@25W 3000K 20°) 1746lm(@25W 3000K 30°) 1795lm(@25W 3000K 40°) 2174lm(@25W 3000K 50°) 2050lm(@25W 3000K 60°)	N No Driver A DALI	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

Example: DDP41-LM18E-302BWT

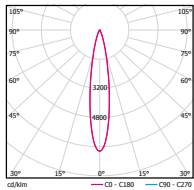


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDP	5 5"	1 Round Trim	LM32 COB 32W LM40 COB 40W	2529lm(@32W 3000K 15°) 3246lm(@32W 3000K 24°) 3119lm(@32W 3000K 36°) 3002lm(@32W 3000K 55°) 3003lm(@40W 3000K 15°) 3798lm(@40W 3000K 24°) 3649lm(@40W 3000K 36°) 3513lm(@40W 3000K 55°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 55°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDP	5 5"	1 Round Trim	LM40 COB 40W		N No Driver A DALI	1 15° 2 24° 3 36° 5 55°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black

Example: DDP51-LM32E-302BWT

Light Distribution

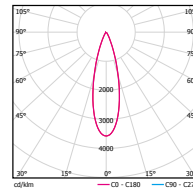
DDP21



DDP21-LD08E-301SWT

0° Aiming Angle

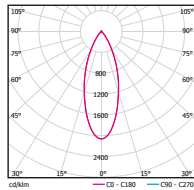
D(M)	LUX	W	L
1	5155	0.3	0.3
2	1289	0.5	0.5
3	573	0.8	0.8
4	322	1.1	1.1



DDP21-LD08E-302SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3150	0.4	0.4
2	788	0.9	0.9
3	350	1.3	1.3
4	197	1.7	1.7

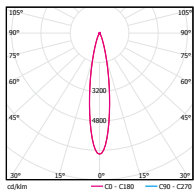


DDP21-LD08E-303SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1310	0.6	0.6
2	328	1.3	1.3
3	146	1.9	1.9
4	82	2.6	2.6

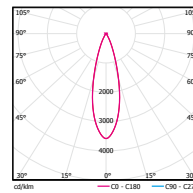
DDP31



DDP31-LM18E-301SWT

0° Aiming Angle

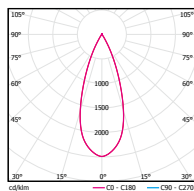
D(M)	LUX	W	L
1	7398	0.3	0.3
2	1850	0.6	0.6
3	822	1.0	1.0
4	462	1.3	1.3



DDP31-LM18E-302SWT

0° Aiming Angle

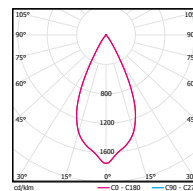
D(M)	LUX	W	L
1	3996	0.5	0.5
2	999	1.0	1.0
3	444	1.5	1.5
4	250	2.0	2.0



DDP31-LM18E-303SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3200	0.7	0.7
2	800	1.4	1.4
3	356	2.1	2.1
4	200	2.8	2.8

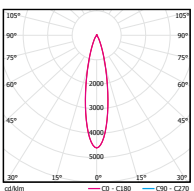


DDP31-LM18E-304SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2196	0.9	0.9
2	549	1.8	1.8
3	244	2.7	2.7
4	137	3.6	3.6

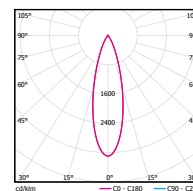
DDP41



DDP41-LM25E-302SWT

0° Aiming Angle

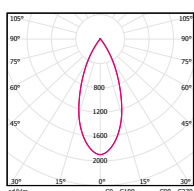
D(M)	LUX	W	L
1	9163	0.4	0.4
2	2291	0.7	0.7
3	1018	1.1	1.1
4	573	1.4	1.4



DDP41-LM25E-303SWT

0° Aiming Angle

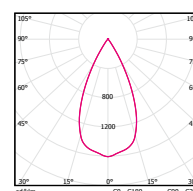
D(M)	LUX	W	L
1	5857	0.5	0.5
2	1464	1.1	1.1
3	651	1.6	1.6
4	366	2.1	2.1



DDP41-LM25E-304SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3408	0.7	0.7
2	852	1.5	1.5
3	379	2.2	2.2
4	213	2.9	2.9

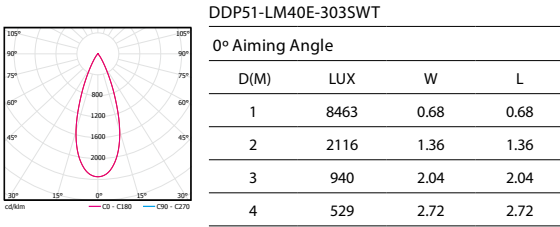
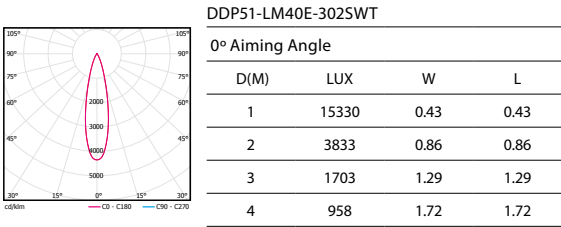
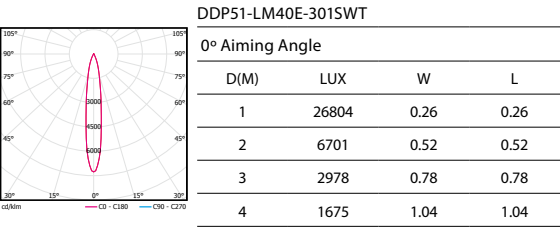


DDP41-LM25E-305SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3497	0.9	0.9
2	874	1.9	1.9
3	389	2.8	2.8
4	219	3.7	3.7

DDP51



RECESSED CEILING

PLANA PRO WALL WASHER MONO



DWP21



DWP31



DWP41



DWP51

Specifications



IP20



High CRI



DALI



LiteBrush®

- Body Material: Die-cast aluminum
- Optical System: LiteBrush®
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø63mm / Ø93mm / Ø116mm / Ø140mm
- Ceiling Thickness: 1mm-30mm / 1mm-35mm / 1mm-40mm / 1mm-45mm
- LED Wattage, CCT, Lumen Output:
 - DWP21 3000K: 800lm
 - DWP31 3000K: 1463lm 13W / 1971lm 18W
 - DWP41 3000K: 2300lm 18W / 3100lm 25W
 - DWP51 3000K: 3830lm 32W / 4500lm 40W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM (4000K 5 SDCM)
- Net Weight: 0.5Kg / 1.0Kg / 1.45Kg / 2.16Kg

Product Features/Optics

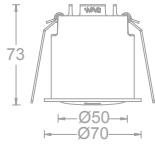


W Wall Washer



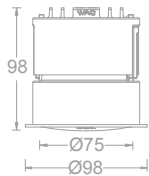
LiteBrush® Optical System

Product Parameters



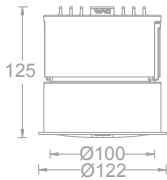
Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DWP	2	2"	1 Round Trim	LD08 LED 8W	330lm(@8W 3000K)	E ON-OFF D 0-10V Dimming N No Driver	27 2700K 30 3000K 40 4000K	W Wall Washer	B Black WT White BK Black

Example: DWP21-LD08E-30WBBK



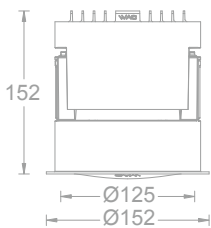
Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DWP	3	3"	1 Round Trim	LM13 COB 13W LM18 COB 18W	604lm(@13W 3000K) 844lm(@18W 3000K)	E ON-OFF D 0-10V Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	W Wall Washer	B Black WT White BK Black
DWP	3	3"	1 Round Trim	LM18 COB 18W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

Example: DWP31-LM13E-30WBBK



Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DWP	4	4"	1 Round Trim	LM18 COB 18W LM25 COB 25W	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
DWP	4	4"	1 Round Trim	LM25 COB 25W		N No Driver A DALI	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	W Wall Washer	B Black WT White BK Black

Example: DWP41-LM18E-30WBBK



Model	Size	Trim	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
DWP	5	5"	1 Round Trim	LM32 COB 32W LM40 COB 40W	2561lm(@32W 3000K) 3022lm(@40W 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
DWP	5	5"	1 Round Trim	LM40 COB 40W		N No Driver A DALI	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	W Wall Washer	B Black WT White BK Black

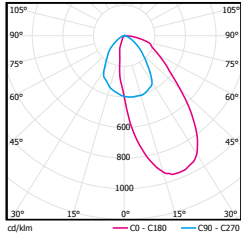
Example: DWP51-LM32E-30WBBK

Light Distribution

DWP21-LD08E-30WBWT

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	147	132	147	132	146
2.55	217	217	220	215	215
2.25	231	226	234	225	228
1.95	173	171	176	170	170
1.65	118	120	122	119	115
1.35	77	80	81	79	75
1.05	56	58	59	57	54
0.75	41	43	44	42	40
0.45	29	30	31	30	28
0.15	22	23	23	23	22

Specifications :

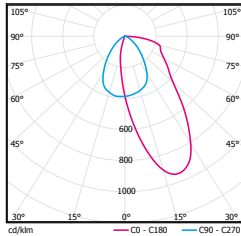
Wall height (m) 3
Offset from Wall (m) 1
Luminaire spacing (m) 1

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.85	35	33	35	33	35
2.55	65	65	66	64	65
2.25	79	79	80	79	78
1.95	87	86	88	86	86
1.65	83	81	84	81	82
1.35	68	67	69	67	67
1.05	55	55	56	54	54
0.75	44	45	45	44	43
0.45	34	35	35	35	33
0.15	28	29	29	29	27

DWP31-LM18E-30WBWT

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	198	184	200	185	197
3.825	210	219	213	219	209
3.375	198	206	202	206	197
2.925	172	175	177	175	171
2.475	134	136	138	135	133
2.025	92	96	97	95	91
1.575	68	72	72	72	68
1.125	52	55	55	54	51
0.675	38	39	40	39	37
0.225	30	31	32	31	30

Specifications :

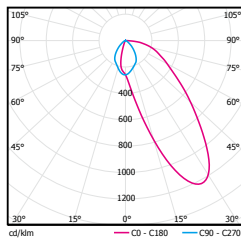
Wall height (m) 4.5
Offset from Wall (m) 1.5
Luminaire spacing (m) 1.5

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.275	72	68	72	68	72
3.825	92	93	94	93	92
3.375	95	99	96	99	94
2.925	92	96	94	96	91
2.475	88	90	90	90	87
2.025	77	77	79	77	76
1.575	65	66	67	66	65
1.125	54	55	56	55	53
0.675	43	44	45	44	43
0.225	35	37	37	37	35

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

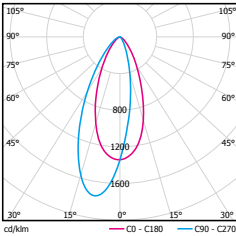
H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
5.7	65	58	63	58	66
5.1	111	107	111	107	111
4.5	136	133	137	134	137
3.9	140	135	141	136	140
3.3	128	130	129	130	129
2.7	107	110	109	110	107
2.1	85	87	87	88	86
1.5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

Light Distribution

DWP51-LD32E-30WBWT

Specifications :

Wall height (m) 6
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
5.7	100	95	101	95	101
5.1	286	275	290	275	286
4.5	401	404	408	405	403
3.9	389	401	400	403	391
3.3	319	330	331	331	321
2.7	197	259	261	260	250
2.1	193	203	205	204	195
1.5	154	163	165	164	156
0.9	130	138	140	139	133
0.3	120	128	130	129	123

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	38	36	38	36	38
5.1	95	91	96	91	95
4.5	148	143	150	143	146
3.9	183	183	186	183	184
3.3	190	195	194	195	191
2.7	179	185	184	185	180
2.1	160	165	165	166	161
1.5	141	146	148	146	143
0.9	126	133	133	133	128
0.3	118	123	125	124	119 y

PLANA PRO WALL WASHER RGBW



DWP31



DWP41

Specifications

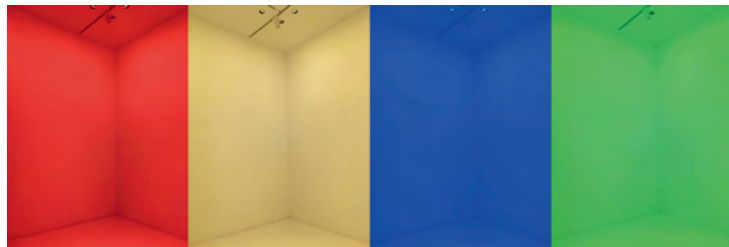


- Body Material: Die-cast aluminum
- Optical System: LiteBrush®
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø93mm / Ø116mm
- Ceiling Thickness: 1mm-35mm
- Cut Off Angle: 35°
- LED Type: RGBW 4in1
- LED CCT,Wattage : RGBW 14W / RGBW 24W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 1.0Kg / 1.45Kg

Product Features/Optics

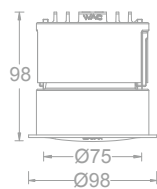


LiteBrush® Optical System



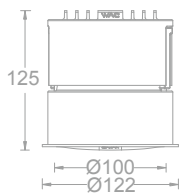
W Wall Washer

Product Parameters



Model	Size	Trim	LED Power	Driver	CCT	Beam	Reflector	Finish
DWP	3 3"	1 Round Trim	LM14 14W	M DMX512 Dimming 24V DC Power Supply	F3 RGBW(3000K)	W Wall Washer	B Black	WT White BK Black

Example: DWP31-LD14M-F3WB BK



Model	Size	Trim	LED Power	Driver	CCT	Beam	Reflector	Finish
DWP	4 4"	1 Round Trim	LM24 24W	M DMX512 Dimming 24V DC Power Supply	F3 RGBW(3000K)	W Wall Washer	B Black	WT White BK Black

Example: DWP41-LM24M-F3WB BK



Guoshou Junlan Hotel
Hangzhou, Zhejiang Province, China

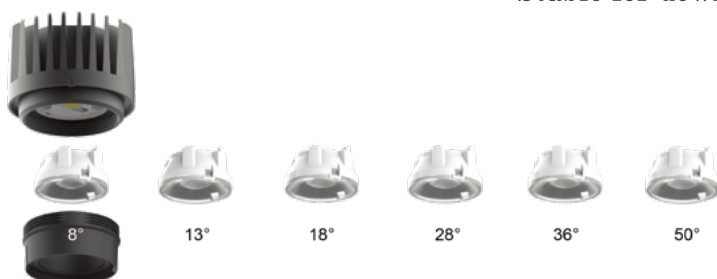


ULTRA

RECESSED CEILING



- Stable for down-lighting & Flexible for adjusting angles



- Easy replacement of lenses for rich illumination effects

ULTRA ROUND TRIM DOWNLIGHT-DIRECTIONAL

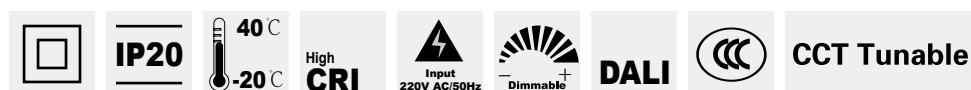


DLN21

DLN31

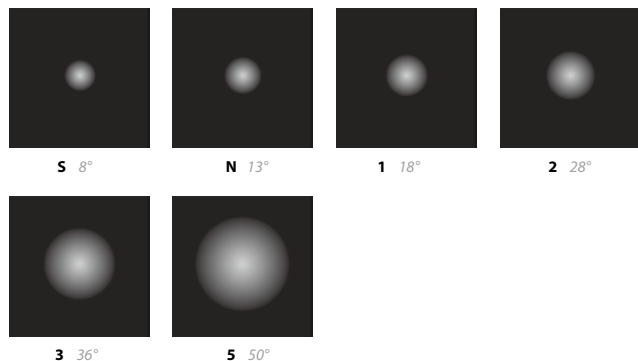
DLN41

Specifications



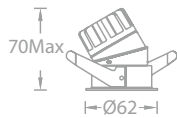
- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø55mm / Ø78mm / Ø100mm
- Ceiling Thickness: 5mm-15mm / 5mm-25mm / 5mm-25mm
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - DLN21 3000K:564lm 5W / 728lm 7W
 - DLN31 3000K:720lm 8W / 800lm 7W / 1150lm 10W / 1495lm 13W
 - DLN41 3000K:720lm 8W / 1645lm 13W / 2220lm 18W / 2960lm 25W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.12Kg / 0.45Kg / 0.8Kg

Product Features/Optics



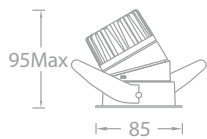
Both Honeycomb and Clear Lenses are interchangeable

Product Parameters



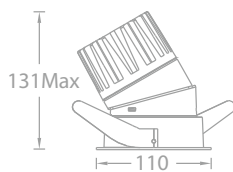
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	2 2"	1 Round Trim	LM05 COB 5W LM07 COB 7W	316lm(@7W 3000K 15°) 526lm(@7W 3000K 24°) 509lm(@7W 3000K 36°) 452lm(@7W 3000K 50°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	2 2"	1 Round Trim	LM07 COB 7W	316lm(@7W 3000K 15°) 526lm(@7W 3000K 24°) 509lm(@7W 3000K 36°) 452lm(@7W 3000K 50°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	2 2"	1 Round Trim	LM07 COB 7W	395lm(@7W 3000K 24°) 380lm(@7W 3000K 36°) 348lm(@7W 3000K 50°)	N No Driver A DALI	2 24° 3 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLN21-LM07E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	3 3"	1 Round Trim	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	3 3"	1 Round Trim	LM07 COB 7W LM10 COB10W LM13 COB13W	533lm(@7W 3000K 13°) 585lm(@7W 3000K 18°) 641lm(@7W 3000K 28°) 643lm(@7W 3000K 36°) 425lm(@7W 3000K 50°) 643lm(@10W 3000K 13°) 714lm(@10W 3000K 18°) 790lm(@10W 3000K 28°) 804lm(@10W 3000K 36°) 532lm(@10W 3000K 50°) 820lm(@13W 3000K 13°) 935lm(@13W 3000K 18°) 1035lm(@13W 3000K 28°) 1024lm(@13W 3000K 36°) 677lm(@13W 3000K 50°)	E ON-OFF D 0-10V Dimming	N 13° 1 18° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	3 3"	1 Round Trim	LM13 COB 13W	714lm(@10W 3000K 18°) 790lm(@10W 3000K 28°) 804lm(@10W 3000K 36°) 532lm(@10W 3000K 50°) 820lm(@13W 3000K 13°) 935lm(@13W 3000K 18°) 1035lm(@13W 3000K 28°) 1024lm(@13W 3000K 36°) 677lm(@13W 3000K 50°)	N No Driver A DALI	N 13° 1 18° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	3 3"	1 Round Trim	LM13 COB 13W	688lm(@13W 3000K 18°) 1042lm(@13W 3000K 24°) 923lm(@13W 3000K 36°) 740lm(@13W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLN31-LM07E-230SWT



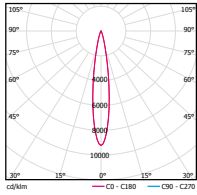
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	4 4"	1 Round Trim	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	4 4"	1 Round Trim	LM13 COB 13W LM18 COB 18W LM25 COB 25W	969lm(@13W 3000K 13°) 1135lm(@13W 3000K 19°) 1327lm(@13W 3000K 28°) 1268lm(@13W 3000K 36°) 1237lm(@13W 3000K 50°) 1309lm(@18W 3000K 13°) 1533lm(@18W 3000K 19°) 1793lm(@18W 3000K 28°) 1714lm(@18W 3000K 36°) 1671lm(@18W 3000K 50°) 1716lm(@25W 3000K 13°) 2009lm(@25W 3000K 19°) 2351lm(@25W 3000K 28°) 2246lm(@25W 3000K 36°) 2190lm(@25W 3000K 50°)	E ON-OFF D 0-10V Dimming	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	4 4"	1 Round Trim	LM25 COB 25W	1793lm(@18W 3000K 28°) 1714lm(@18W 3000K 36°) 1671lm(@18W 3000K 50°) 1716lm(@25W 3000K 13°) 2009lm(@25W 3000K 19°) 2351lm(@25W 3000K 28°) 2246lm(@25W 3000K 36°) 2190lm(@25W 3000K 50°)	N No Driver A DALI	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	4 4"	1 Round Trim	LM25 COB 25W	1672lm(@25W 3000K 18°) 1821lm(@25W 3000K 28°) 1502lm(@25W 3000K 36°) 1469lm(@25W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLN41-LM13E-230SWT

Light Distribution

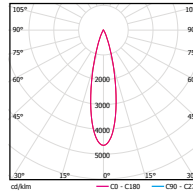
DLN21

DLN21-LM07E-130SWT



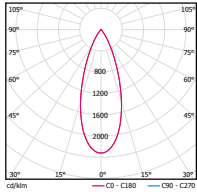
0° Aiming Angle				
D(M)	LUX	W	L	
1	2919	0.3	0.3	
2	730	0.6	0.6	
3	324	0.8	0.8	
4	182	1.1	1.1	

DLN21-LM07E-230SWT



0° Aiming Angle				
D(M)	LUX	W	L	
1	2442	0.4	0.4	
2	611	0.9	0.9	
3	271	1.3	1.3	
4	153	1.7	1.7	

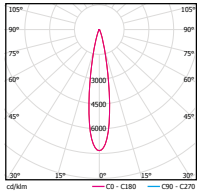
DLN21-LM07E-330SWT



0° Aiming Angle				
D(M)	LUX	W	L	
1	1183	0.7	0.7	
2	296	1.3	1.3	
3	131	2.0	2.0	
4	74	2.6	2.6	

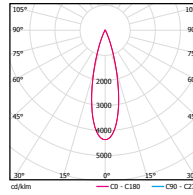
DLN31

DLN31-LM13E-130SWT



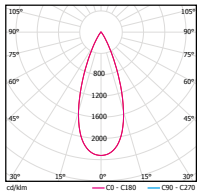
0° Aiming Angle				
D(M)	LUX	W	L	
1	6848	0.3	0.3	
2	1712	0.7	0.7	
3	761	1.0	1.0	
4	428	1.3	1.3	

DLN31-LM13E-230SWT



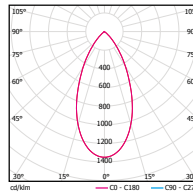
0° Aiming Angle				
D(M)	LUX	W	L	
1	4510	0.5	0.5	
2	1128	1.0	1.0	
3	501	1.4	1.4	
4	282	1.9	1.9	

DLN31-LM13E-330SWT



0° Aiming Angle				
D(M)	LUX	W	L	
1	2375	0.7	0.7	
2	594	1.4	1.4	
3	264	2.1	2.1	
4	148	2.8	2.8	

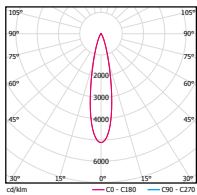
DLN31-LM13E-530SWT



0° Aiming Angle				
D(M)	LUX	W	L	
1	913	0.9	0.9	
2	228	1.8	1.8	
3	101	2.8	2.8	
4	57	3.7	3.7	

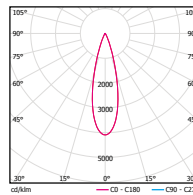
DLN41

DLN41-LM25E-130SWT



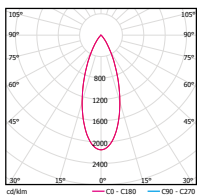
0° Aiming Angle				
D(M)	LUX	W	L	
1	10294	0.4	0.4	
2	2574	0.8	0.8	
3	1144	1.1	1.1	
4	643	1.5	1.5	

DLN41-LM25E-230SWT



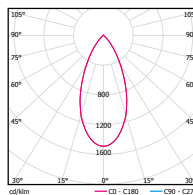
0° Aiming Angle				
D(M)	LUX	W	L	
1	9615	0.5	0.5	
2	2404	1.0	1.0	
3	1068	1.5	1.5	
4	601	2.0	2.0	

DLN41-LM25E-330SWT



0° Aiming Angle				
D(M)	LUX	W	L	
1	4821	0.7	0.7	
2	1205	1.3	1.3	
3	536	2.0	2.0	
4	301	2.7	2.7	

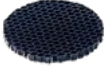
DLN41-LM25E-530SWT



0° Aiming Angle				
D(M)	LUX	W	L	
1	3263	0.9	0.9	
2	816	1.7	1.7	
3	363	2.6	2.6	
4	204	3.5	3.5	

Accessories

Lenses/Filters

Model	Beam Elongator (CLASS I) 	SOFT BEAM LENS (CLASS I) 	FROSTED GLASS (CLASS I) 	Honeycomb (CLASS I) 
DLN21	LENS-08-BEL	LENS-08-BSL	LENS-08-FR	LENS-08-HCL
DLN31	LENS-11-BEL	LENS-11-BSL-ULTRA	LENS-11-FR	LENS-11-HCL-ULTRA
DLN41	LENS-16-BEL-C	LENS-16-BEL-SW	/	LENS-16-HCL-ULTRA

Note; Only one piece accessory allowed and need to order separately

ULTRA ROUND TRIMLESS DOWNLIGHT-DIRECTIONAL

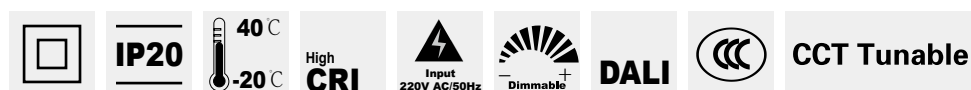


DLN22

DLN32

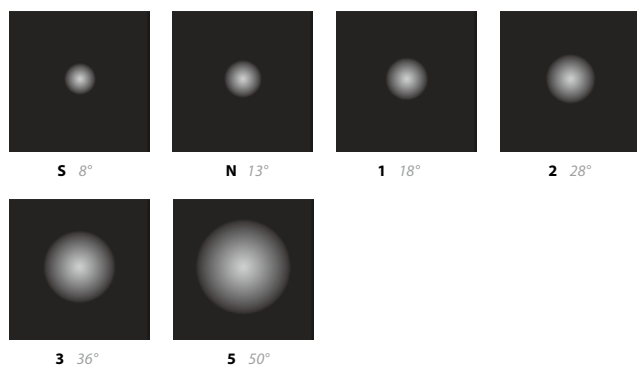
DLN42

Specifications



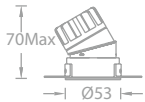
- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø60mm / Ø82mm / Ø105mm
- Ceiling Thickness: 5mm-15mm / 5mm-25mm / 5mm-25mm
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - DLN22 3000K:624lm 5W / 780lm 7W
 - DLN32 3000K:720lm 8W / 800lm 7W / 1080lm 10W / 1495lm 13W
 - DLN42 3000K:720lm 8W / 1645lm 13W / 2220lm 18W / 2960lm 25W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.14Kg / 0.45Kg / 0.8Kg

Product Features/Optics



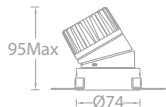
Both Honeycomb and Clear Lenses are interchangeable

Product Parameters



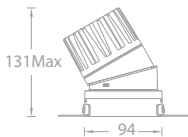
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	2	2" Round Trimless	LM05 COB 5W LM07 COB 7W	316lm(@7W 3000K 15°) 526lm(@7W 3000K 24°) 509lm(@7W 3000K 36°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		
DLN	2	2" Round Trimless	LM07 COB 5W COB 7W	316lm(@7W 3000K 15°) 526lm(@7W 3000K 24°) 509lm(@7W 3000K 36°)	N No Driver A DALI	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		
DLN	2	2" Round Trimless	LM07 COB 7W	395lm(@7W 3000K 24°) 380lm(@7W 3000K 36°) 348lm(@7W 3000K 50°)	N No Driver A DALI	2 24°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						3 36°			
						4 40°			
						5 50°			

Example : DLN22-LM07E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	3	3" Round Trimless	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DLN	3	3" Round Trimless	LM07 COB 7W LM10 COB 10W LM13 COB 13W	533lm(@7W 3000K 13°) 585lm(@7W 3000K 18°) 641lm(@7W 3000K 28°) 643lm(@7W 3000K 36°) 425lm(@7W 3000K 50°)	E ON-OFF D 0-10V Dimming	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	3	3" Round Trimless	LM13 COB 13W	643lm(@10W 3000K 13°) 714lm(@10W 3000K 18°) 790lm(@10W 3000K 28°) 804lm(@10W 3000K 36°) 532lm(@10W 3000K 50°) 820lm(@13W 3000K 13°) 935lm(@13W 3000K 18°) 1035lm(@13W 3000K 28°) 1024lm(@13W 3000K 36°) 677lm(@13W 3000K 50°)	N No Driver A DALI	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	3	3" Round Trimless	LM13 COB 13W	935lm(@13W 3000K 18°) 1035lm(@13W 3000K 28°) 1024lm(@13W 3000K 36°) 677lm(@13W 3000K 50°)	N No Driver A DALI	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						2 28°			
						3 36°			
						5 50°			

Example : DLN32-LM07E-230SWT

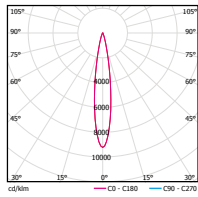


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	4	4" Round Trimless	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K	B Black S Specular	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
DLN	4	4" Round Trimless	LM13 COB 13W LM18 COB 18W LM25 COB 25W	969lm(@13W 3000K 13°) 1135lm(@13W 3000K 19°) 1327lm(@13W 3000K 28°) 1268lm(@13W 3000K 36°) 1237lm(@13W 3000K 50°) 1309lm(@18W 3000K 13°) 1533lm(@18W 3000K 19°)	E ON-OFF D 0-10V Dimming	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 19°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	4	4" Round Trimless	LM25 COB 25W	1793lm(@18W 3000K 28°) 1714lm(@18W 3000K 36°) 1671lm(@18W 3000K 50°) 1716lm(@25W 3000K 13°) 2009lm(@25W 3000K 19°) 2351lm(@25W 3000K 28°) 2246lm(@25W 3000K 36°) 2190lm(@25W 3000K 50°)	N No Driver A DALI	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 19°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	4	4" Round Trimless	LM25 COB 25W	1672lm(@25W 3000K 18°) 1821lm(@25W 3000K 28°) 1502lm(@25W 3000K 36°) 1469lm(@25W 3000K 50°)	N No Driver A DALI	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						2 28°			
						3 36°			
						5 50°			

Example : DLN42-LM13E-230SWT

Light Distribution

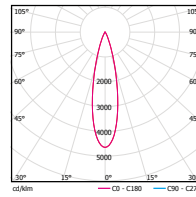
DLN22



DLN22-LM07E-130SWT

0° Aiming Angle

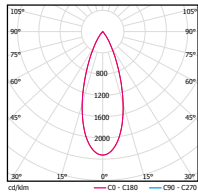
D(M)	LUX	W	L
1	2919	0.3	0.3
2	730	0.6	0.6
3	324	0.8	0.8
4	182	1.1	1.1



DLN22-LM07E-230SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2442	0.4	0.4
2	611	0.9	0.9
3	271	1.3	1.3
4	153	1.7	1.7

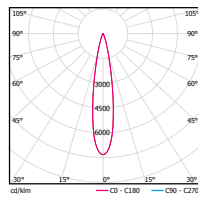


DLN22-LM07E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1183	0.7	0.7
2	296	1.3	1.3
3	131	2.0	2.0
4	74	2.6	2.6

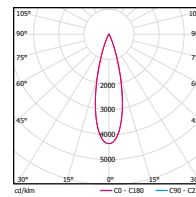
DLN32



DLN32-LM13E-130SWT

0° Aiming Angle

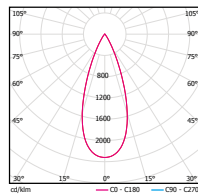
D(M)	LUX	W	L
1	6848	0.3	0.3
2	1712	0.7	0.7
3	761	1.0	1.0
4	428	1.3	1.3



DLN32-LM13E-230SWT

0° Aiming Angle

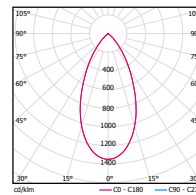
D(M)	LUX	W	L
1	4510	0.5	0.5
2	1128	1.0	1.0
3	501	1.4	1.4
4	282	1.9	1.9



DLN32-LM13E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2375	0.7	0.7
2	594	1.4	1.4
3	264	2.1	2.1
4	148	2.8	2.8

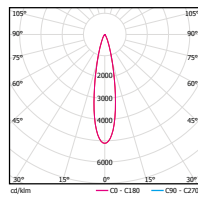


DLN32-LM13E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	913	0.9	0.9
2	228	1.8	1.8
3	101	2.8	2.8
4	57	3.7	3.7

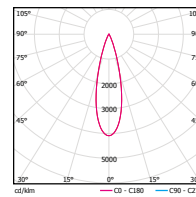
DLN42



DLN42-LM25E-130SWT

0° Aiming Angle

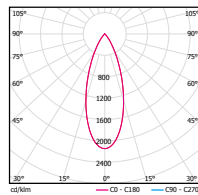
D(M)	LUX	W	L
1	10294	0.4	0.4
2	2574	0.8	0.8
3	1144	1.1	1.1
4	643	1.5	1.5



DLN42-LM25E-230SWT

0° Aiming Angle

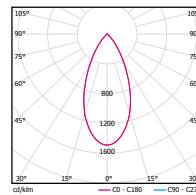
D(M)	LUX	W	L
1	9615	0.5	0.5
2	2404	1.0	1.0
3	1068	1.5	1.5
4	601	2.0	2.0



DLN42-LM25E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4821	0.7	0.7
2	1205	1.3	1.3
3	536	2.0	2.0
4	301	2.7	2.7



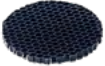
DLN42-LM25E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3263	0.9	0.9
2	816	1.7	1.7
3	363	2.6	2.6
4	204	3.5	3.5

Accessories

Lenses/Filters

Model	Beam Elongator (CLASS I) 	SOFT BEAM LENS (CLASS I) 	FROSTED GLASS (CLASS I) 	Honeycomb (CLASS I) 
DLN22	LENS-08-BEL	LENS-08-BSL	LENS-08-FR	LENS-08-HCL
DLN32	LENS-11-BEL	LENS-11-BSL-ULTRA	LENS-11-FR	LENS-11-HCL-ULTRA
DLN42	LENS-16-BEL-C	LENS-16-BEL-SW	/	LENS-16-HCL-ULTRA

Note: Only one piece accessory allowed and need to order separately

ULTRA SQUARE TRIM DOWNLIGHT-DIRECTIONAL



DLN25

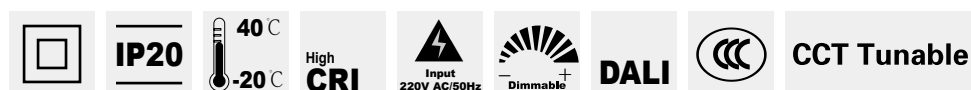


DLN35



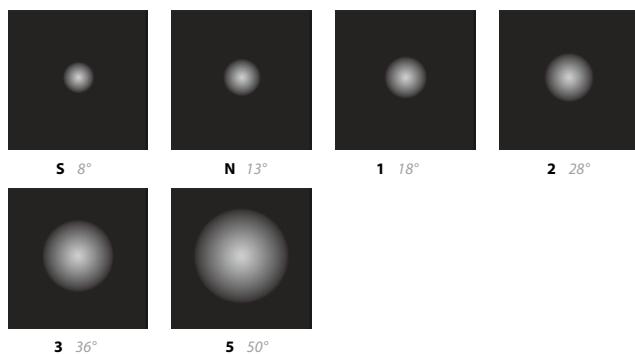
DLN45

Specifications



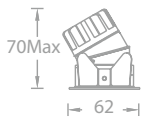
- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 55*55mm / □ 79*79mm / □ 100*100 mm
- Ceiling Thickness: 5mm-15mm / 5mm-25mm / 5mm-25mm
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - DLN25 3000K:624lm 5W / 780lm 7W
 - DLN35 3000K:720lm 8W / 800lm 7W / 1080lm 10W / 1495lm 13W
 - DLN45 3000K:720lm 8W / 1645lm 13W / 2220lm 18W / 2960lm 25W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.12Kg / 0.45Kg / 0.8Kg

Product Features/Optics



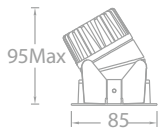
Both Honeycomb and CLEAR LENS are interchangeable

Product Parameters



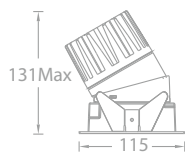
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	2 2"	5 Rectangular Trim	LM05 COB 5W LM07 COB 7W	316lm(@7W 3000K 15°) 526lm(@7W 3000K 24°) 509lm(@7W 3000K 36°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	2 2"	5 Rectangular Trim	LM07 COB 7W	316lm(@7W 3000K 15°) 526lm(@7W 3000K 24°) 509lm(@7W 3000K 36°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	2 2"	5 Rectangular Trim	LM07 COB 7W	395lm(@7W 3000K 24°) 380lm(@7W 3000K 36°) 348lm(@7W 3000K 50°)	N No Driver A DALI	2 24° 3 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLN25-LM07E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	3 3"	5 Rectangular Trim	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	3 3"	5 Rectangular Trim	LM07 COB 7W LM10 COB10W LM13 COB13W	533lm(@7W 3000K 13°) 585lm(@7W 3000K 18°) 641lm(@7W 3000K 28°) 643lm(@7W 3000K 36°) 425lm(@7W 3000K 50°)	E ON-OFF D 0-10V Dimming	N 13° 1 18° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	3 3"	5 Rectangular Trim	LM13 COB 13W	643lm(@10W 3000K 13°) 714lm(@10W 3000K 18°) 790lm(@10W 3000K 28°) 804lm(@10W 3000K 36°) 532lm(@10W 3000K 50°) 820lm(@13W 3000K 13°) 935lm(@13W 3000K 18°) 1035lm(@13W 3000K 28°) 1024lm(@13W 3000K 36°) 677lm(@13W 3000K 50°)	N No Driver A DALI	N 13° 1 18° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	3 3"	5 Rectangular Trim	LM13 COB 13W	935lm(@13W 3000K 18°) 1035lm(@13W 3000K 28°) 1024lm(@13W 3000K 36°) 677lm(@13W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLN35-LM07E-230SWT

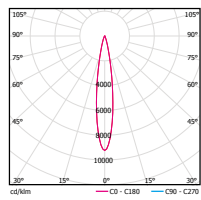


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	4 4"	5 Rectangular Trim	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	4 4"	5 Rectangular Trim	LM13 COB 13W LM18 COB 18W LM25 COB 25W	969lm(@13W 3000K 13°) 1135lm(@13W 3000K 19°) 1327lm(@13W 3000K 28°) 1268lm(@13W 3000K 36°) 1237lm(@13W 3000K 50°) 1309lm(@18W 3000K 13°) 1533lm(@18W 3000K 19°)	E ON-OFF D 0-10V Dimming	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	4 4"	5 Rectangular Trim	LM25 COB 25W	1793lm(@18W 3000K 28°) 1714lm(@18W 3000K 36°) 1671lm(@18W 3000K 50°) 1716lm(@25W 3000K 13°) 2009lm(@25W 3000K 19°) 2351lm(@25W 3000K 28°) 2246lm(@25W 3000K 36°) 2190lm(@25W 3000K 50°)	N No Driver A DALI	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	4 4"	5 Rectangular Trim	LM25 COB 25W	1672lm(@25W 3000K 18°) 1821lm(@25W 3000K 28°) 1502lm(@25W 3000K 36°) 1469lm(@25W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLN45-LM13E-230SWT

Light Distribution

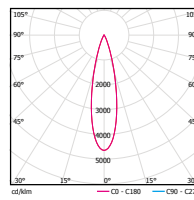
DLN25



DLN25-LM07E-130SWT

0° Aiming Angle

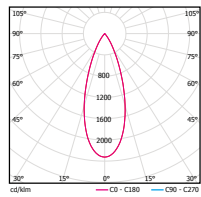
D(M)	LUX	W	L
1	2919	0.3	0.3
2	730	0.6	0.6
3	324	0.8	0.8
4	182	1.1	1.1



DLN25-LM07E-230SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2442	0.4	0.4
2	611	0.9	0.9
3	271	1.3	1.3
4	153	1.7	1.7

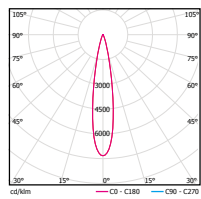


DLN25-LM07E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1183	0.7	0.7
2	296	1.3	1.3
3	131	2.0	2.0
4	74	2.6	2.6

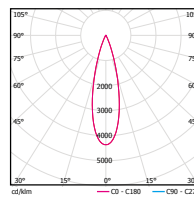
DLN35



DLN35-LM13E-130SWT

0° Aiming Angle

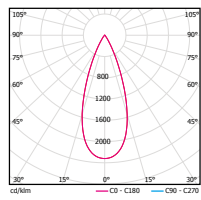
D(M)	LUX	W	L
1	6848	0.3	0.3
2	1712	0.7	0.7
3	761	1.0	1.0
4	428	1.3	1.3



DLN35-LM13E-230SWT

0° Aiming Angle

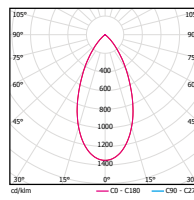
D(M)	LUX	W	L
1	4510	0.5	0.5
2	1128	1.0	1.0
3	501	1.4	1.4
4	282	1.9	1.9



DLN35-LM13E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2375	0.7	0.7
2	594	1.4	1.4
3	264	2.1	2.1
4	148	2.8	2.8

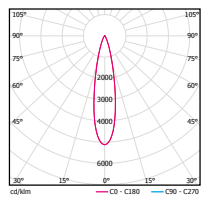


DLN35-LM13E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	913	0.9	0.9
2	228	1.8	1.8
3	101	2.8	2.8
4	57	3.7	3.7

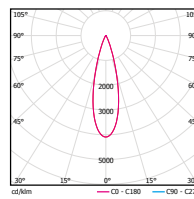
DLN45



DLN45-LM25E-130SWT

0° Aiming Angle

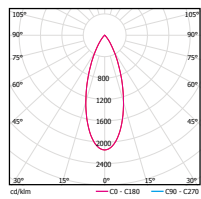
D(M)	LUX	W	L
1	10294	0.4	0.4
2	2574	0.8	0.8
3	1144	1.1	1.1
4	643	1.5	1.5



DLN45-LM25E-230SWT

0° Aiming Angle

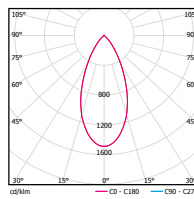
D(M)	LUX	W	L
1	9615	0.5	0.5
2	2404	1.0	1.0
3	1068	1.5	1.5
4	601	2.0	2.0



DLN45-LM25E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4821	0.7	0.7
2	1205	1.3	1.3
3	536	2.0	2.0
4	301	2.7	2.7



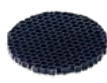
DLN45-LM25E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3263	0.9	0.9
2	816	1.7	1.7
3	363	2.6	2.6
4	204	3.5	3.5

Accessories

Lenses/Filters

Model	Beam Elongator (CLASS I) 	SOFT BEAM LENS (CLASS I) 	FROSTED GLASS (CLASS I) 	Honeycomb (CLASS I) 
DLN25	LENS-08-BEL	LENS-08-BSL	LENS-08-FR	LENS-08-HCL
DLN35	LENS-11-BEL	LENS-11-BSL-ULTRA	LENS-11-FR	LENS-11-HCL-ULTRA
DLN45	LENS-16-BEL-C	LENS-16-BEL-SW	/	LENS-16-HCL-ULTRA

Note: Only one piесе accessory allowed and need to order separately

ULTRA SQUARE TRIMLESS DOWNLIGHT-DIRECTIONAL

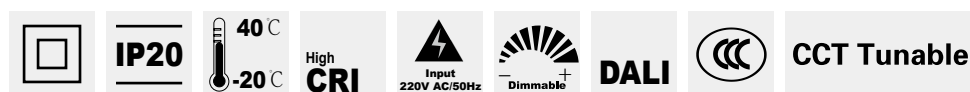


DLN26

DLN36

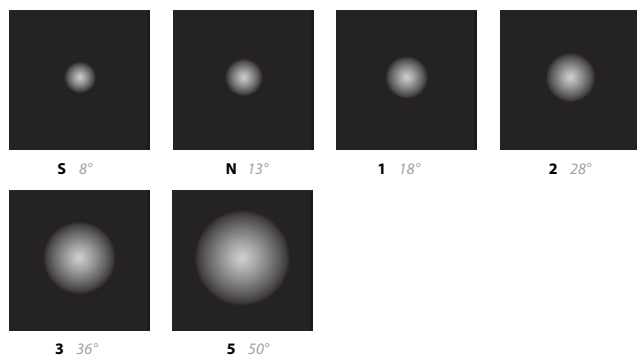
DLN46

Specifications



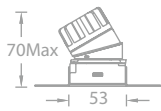
- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 55*55mm / □ 78*72mm / □ 105*105 mm
- Ceiling Thickness: 5mm-15mm / 5mm-25mm / 5mm-25mm
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - DLN26 3000K:624lm 5W / 780lm 7W
 - DLN36 3000K:720lm 8W / 800lm 7W / 1080lm 10W / 1495lm 13W
 - DLN46 3000K:720lm 8W / 1645lm 13W / 2220lm 18W / 2960lm 25W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.15Kg / 0.45Kg / 0.8Kg

Product Features/Optics



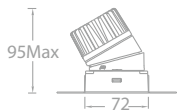
Both Honeycomb and CLEAR LENS are interchangeable

Product Parameters



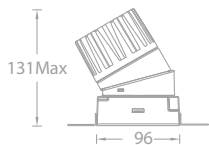
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	2 2"	6 Rectangular Trimless	LM05 COB 5W LM07 COB 7W	316lm(@7W 3000K 15°) 526lm(@7W 3000K 24°) 509lm(@7W 3000K 36°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	2 2"	6 Rectangular Trimless	LM07 COB 7W	316lm(@7W 3000K 15°) 526lm(@7W 3000K 24°) 509lm(@7W 3000K 36°)	N No Driver A DALI	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	2 2"	6 Rectangular Trimless	LM07 COB 7W	395lm(@7W 3000K 24°) 380lm(@7W 3000K 36°) 348lm(@7W 3000K 50°)	N No Driver A DALI	2 24° 3 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLN26-LM07E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	3 3"	6 Rectangular Trimless	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	3 3"	6 Rectangular Trimless	LM07 COB 7W LM10 COB10W LM13 COB13W	533lm(@7W 3000K 13°) 585lm(@7W 3000K 18°) 641lm(@7W 3000K 28°) 643lm(@7W 3000K 36°) 425lm(@7W 3000K 50°) 643lm(@10W 3000K 13°) 714lm(@10W 3000K 18°) 790lm(@10W 3000K 28°) 804lm(@10W 3000K 36°) 532lm(@10W 3000K 50°) 820lm(@13W 3000K 13°) 935lm(@13W 3000K 18°) 1035lm(@13W 3000K 28°) 1024lm(@13W 3000K 36°) 677lm(@13W 3000K 50°)	E ON-OFF D 0-10V Dimming	N 13° 1 18° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	3 3"	6 Rectangular Trimless	LM13 COB 13W	935lm(@13W 3000K 18°) 1035lm(@13W 3000K 28°) 1024lm(@13W 3000K 36°) 677lm(@13W 3000K 50°)	N No Driver A DALI	N 13° 1 18° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	3 3"	6 Rectangular Trimless	LM13 COB 13W	935lm(@13W 3000K 18°) 1035lm(@13W 3000K 28°) 1024lm(@13W 3000K 36°) 677lm(@13W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLN36-LM07E-230SWT

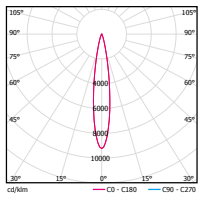


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	4 4"	6 Rectangular Trimless	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	4 4"	6 Rectangular Trimless	LM13 COB 13W LM18 COB 18W LM25 COB 25W	969lm(@13W 3000K 13°) 1135lm(@13W 3000K 19°) 1327lm(@13W 3000K 28°) 1268lm(@13W 3000K 36°) 1237lm(@13W 3000K 50°) 1309lm(@18W 3000K 13°) 1533lm(@18W 3000K 19°) 1793lm(@18W 3000K 28°) 1714lm(@18W 3000K 36°) 1671lm(@18W 3000K 50°) 1716lm(@25W 3000K 13°) 2009lm(@25W 3000K 19°) 2351lm(@25W 3000K 28°) 2246lm(@25W 3000K 36°) 2190lm(@25W 3000K 50°)	E ON-OFF D 0-10V Dimming	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	4 4"	6 Rectangular Trimless	LM25 COB 25W	1793lm(@18W 3000K 28°) 1714lm(@18W 3000K 36°) 1671lm(@18W 3000K 50°) 1716lm(@25W 3000K 13°) 2009lm(@25W 3000K 19°) 2351lm(@25W 3000K 28°) 2246lm(@25W 3000K 36°) 2190lm(@25W 3000K 50°)	N No Driver A DALI	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DLN	4 4"	6 Rectangular Trimless	LM25 COB 25 W	1672lm(@25W 3000K 18°) 1821lm(@25W 3000K 28°) 1502lm(@25W 3000K 36°) 1469lm(@25W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : DLN46-LM13E-230SWT

Light Distribution

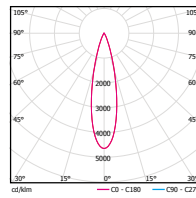
DLN26



DLN26-LM07E-130SWT

0° Aiming Angle

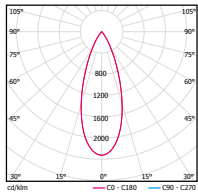
D(M)	LUX	W	L
1	2919	0.3	0.3
2	730	0.6	0.6
3	324	0.8	0.8
4	182	1.1	1.1



DLN26-LM07E-230SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2442	0.4	0.4
2	611	0.9	0.9
3	271	1.3	1.3
4	153	1.7	1.7

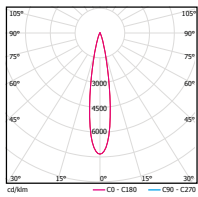


DLN26-LM07E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1183	0.7	0.7
2	296	1.3	1.3
3	131	2.0	2.0
4	74	2.6	2.6

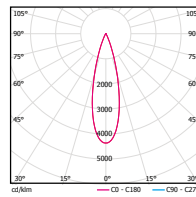
DLN36



DLN36-LM13E-130SWT

0° Aiming Angle

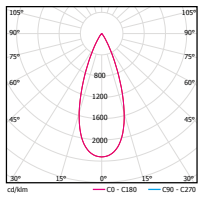
D(M)	LUX	W	L
1	6848	0.3	0.3
2	1712	0.7	0.7
3	761	1.0	1.0
4	428	1.3	1.3



DLN36-LM13E-230SWT

0° Aiming Angle

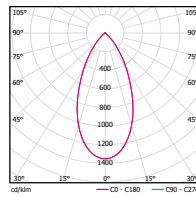
D(M)	LUX	W	L
1	4510	0.5	0.5
2	1128	1.0	1.0
3	501	1.4	1.4
4	282	1.9	1.9



DLN36-LM13E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2375	0.7	0.7
2	594	1.4	1.4
3	264	2.1	2.1
4	148	2.8	2.8

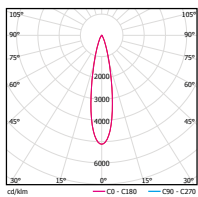


DLN36-LM13E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	913	0.9	0.9
2	228	1.8	1.8
3	101	2.8	2.8
4	57	3.7	3.7

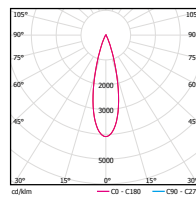
DLN46



DLN46-LM25E-130SWT

0° Aiming Angle

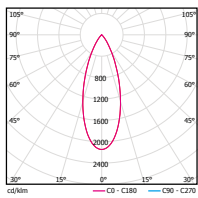
D(M)	LUX	W	L
1	10294	0.4	0.4
2	2574	0.8	0.8
3	1144	1.1	1.1
4	643	1.5	1.5



DLN46-LM25E-230SWT

0° Aiming Angle

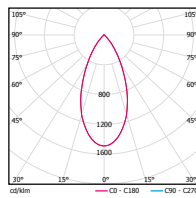
D(M)	LUX	W	L
1	9615	0.5	0.5
2	2404	1.0	1.0
3	1068	1.5	1.5
4	601	2.0	2.0



DLN46-LM25E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4821	0.7	0.7
2	1205	1.3	1.3
3	536	2.0	2.0
4	301	2.7	2.7



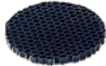
DLN46-LM25E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3263	0.9	0.9
2	816	1.7	1.7
3	363	2.6	2.6
4	204	3.5	3.5

Accessories

Lenses/Filters

Model	Beam Elongator (CLASS I) 	SOFT BEAM LENS (CLASS I) 	FROSTED GLASS (CLASS I) 	Honeycomb (CLASS I) 
DLN26	LENS-08-BEL	LENS-08-BSL	LENS-08-FR	LENS-08-HCL
DLN36	LENS-11-BEL	LENS-11-BSL-ULTRA	LENS-11-FR	LENS-11-HCL-ULTRA
DLN46	LENS-16-BEL-C	LENS-16-BEL-SW	/	LENS-16-HCL-ULTRA

Note: Only one piece accessory allowed and need to order separately

ULTRA MULTIPLES SQUARE TRIM DOWNLIGHT-DIRECTIONAL



MTN25



MTN35



MTN45

Specifications



IP20



High CRI



DALI

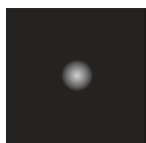


CCT Tunable

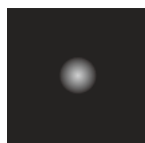
- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog

- Cutout: □ 108*55mm / □ 152*75mm / □ 200*100 mm
- Ceiling Thickness: 5mm-15mm / 5mm-25mm / 5mm-25mm
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - MTN25 3000K:624lm 5W / 780lm 7W
 - MTN35 3000K:720lm 8W / 800lm 7W / 1080lm 10W / 1495lm 13W
 - MTN45 3000K:720lm 8W / 1645lm 13W / 2220lm 18W / 2960lm 25W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.3Kg / 0.9Kg / 1.6Kg

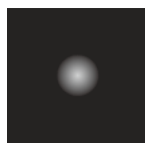
Product Features/Optics



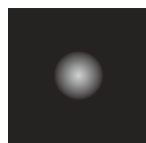
S 8°



N 13°



1 18°



2 28°



3 36°

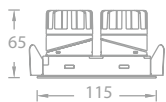


5 50°



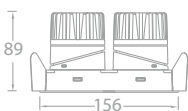
Both Honeycomb and CLEAR LENS are interchangeable

Product Parameters



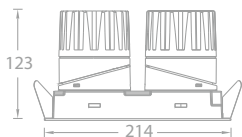
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
MTN	2 2"	5 Rectangular Trim	205 COB 2*5W 207 COB 2*7W	2*316lm(@2*7W 3000K 15°) 2*526lm(@2*7W 3000K 24°) 2*509lm(@2*7W 3000K 36°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						5 50°	40 4000K 50 5000K		
MTN	2 2"	5 Rectangular Trim	207 COB 2*7W	2*316lm(@2*7W 3000K 15°) 2*526lm(@2*7W 3000K 24°) 2*509lm(@2*7W 3000K 36°)	N No Driver A DALI	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						5 50°	40 4000K 50 5000K		
MTN	2 2"	5 Rectangular Trim	207 COB 2*7W	2*395lm(@7W 3000K 24°) 2*380lm(@7W 3000K 36°) 2*348lm(@7W 3000K 50°)	N No Driver A DALI	2 24°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						3 36°			
						5 50°			

Example : MTN25-207E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
MTN	3 3"	5 Rectangular Trim	208 COB 2*8W	2*375lm(@2*8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
MTN	3 3"	5 Rectangular Trim	207 COB 2*7W 210 COB 2*10W 213 COB 2*13W	2*533lm(@2*7W 3000K 13°) 2*585lm(@2*7W 3000K 18°) 2*641lm(@2*7W 3000K 28°) 2*643lm(@2*7W 3000K 36°) 2*425lm(@2*7W 3000K 50°)	E ON-OFF D 0-10V Dimming	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K 50 5000K		
MTN	3 3"	5 Rectangular Trim	213 COB 2*13W	2*643lm(@2*10W 3000K 13°) 2*714lm(@2*10W 3000K 18°) 2*790lm(@2*10W 3000K 28°) 2*804lm(@2*10W 3000K 36°) 2*532lm(@2*10W 3000K 50°) 2*820lm(@2*13W 3000K 13°) 2*935lm(@2*13W 3000K 18°) 2*1035lm(@2*13W 3000K 28°) 2*1024lm(@2*13W 3000K 36°) 2*677lm(@2*13W 3000K 50°)	N No Driver A DALI	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K 50 5000K		
MTN	3 3"	5 Rectangular Trim	213 COB 2*13W	2*820lm(@2*13W 3000K 13°) 2*935lm(@2*13W 3000K 18°) 2*1035lm(@2*13W 3000K 28°) 2*1024lm(@2*13W 3000K 36°) 2*677lm(@2*13W 3000K 50°)	N No Driver A DALI	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						2 28°			
						3 36°			
						5 50°			

Example : MTN35-207E-230SWT

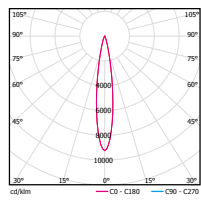


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
MTN	4 4"	5 Rectangular Trim	208 COB 2*8W	2*375lm(@2*8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
MTN	4 4"	5 Rectangular Trim	213 COB 2*13W 218 COB 2*18W 225 COB 2*25W	2*969lm(@2*13W 3000K 13°) 2*1135lm(@2*13W 3000K 19°) 2*1327lm(@2*13W 3000K 28°) 2*1268lm(@2*13W 3000K 36°) 2*1237lm(@2*13W 3000K 50°) 2*1309lm(@2*18W 3000K 13°) 2*1533lm(@2*18W 3000K 19°) 2*1793lm(@2*18W 3000K 28°) 2*1714lm(@2*18W 3000K 36°) 2*1671lm(@2*18W 3000K 50°) 2*1716lm(@2*25W 3000K 13°) 2*2009lm(@2*25W 3000K 19°) 2*2351lm(@2*25W 3000K 28°) 2*2246lm(@2*25W 3000K 36°) 2*2190lm(@2*25W 3000K 50°)	E ON-OFF D 0-10V Dimming	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 19°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K 50 5000K		
MTN	4 4"	5 Rectangular Trim	225 COB 2*25W	2*1793lm(@2*18W 3000K 28°) 2*1714lm(@2*18W 3000K 36°) 2*1671lm(@2*18W 3000K 50°) 2*1716lm(@2*25W 3000K 13°) 2*2009lm(@2*25W 3000K 19°) 2*2351lm(@2*25W 3000K 28°) 2*2246lm(@2*25W 3000K 36°) 2*2190lm(@2*25W 3000K 50°)	N No Driver A DALI	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 19°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K 50 5000K		
MTN	4 4"	5 Rectangular Trim	225 COB 2*25W	2*1672lm(@2*25W 3000K 18°) 2*1821lm(@2*25W 3000K 28°) 2*1502lm(@2*25W 3000K 36°) 2*1469lm(@2*25W 3000K 50°)	N No Driver A DALI	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						2 28°			
						3 36°			
						5 50°			

Example : MTN45-213E-230SWT

Light Distribution

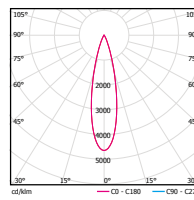
MTN25



MTN25-LM07E-130SWT

0° Aiming Angle

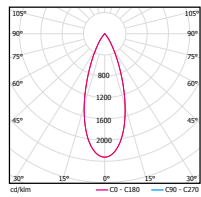
D(M)	LUX	W	L
1	2919	0.3	0.3
2	730	0.6	0.6
3	324	0.8	0.8
4	182	1.1	1.1



MTN25-LM07E-230SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2442	0.4	0.4
2	611	0.9	0.9
3	271	1.3	1.3
4	153	1.7	1.7

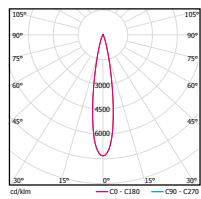


MTN25-LM07E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1183	0.7	0.7
2	296	1.3	1.3
3	131	2.0	2.0
4	74	2.6	2.6

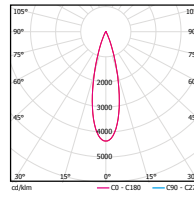
MTN35



MTN35-LM13E-130SWT

0° Aiming Angle

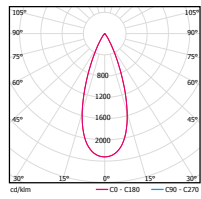
D(M)	LUX	W	L
1	6848	0.3	0.3
2	1712	0.7	0.7
3	761	1.0	1.0
4	428	1.3	1.3



MTN35-LM13E-230SWT

0° Aiming Angle

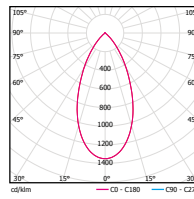
D(M)	LUX	W	L
1	4510	0.5	0.5
2	1128	1.0	1.0
3	501	1.4	1.4
4	282	1.9	1.9



MTN35-LM13E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2375	0.7	0.7
2	594	1.4	1.4
3	264	2.1	2.1
4	148	2.8	2.8

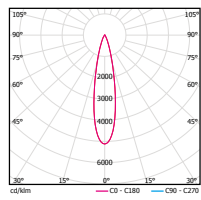


MTN35-LM13E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	913	0.9	0.9
2	228	1.8	1.8
3	101	2.8	2.8
4	57	3.7	3.7

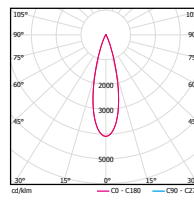
MTN45



MTN45-LM25E-130SWT

0° Aiming Angle

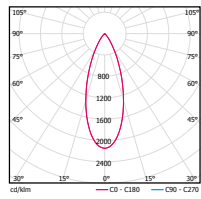
D(M)	LUX	W	L
1	10294	0.4	0.4
2	2574	0.8	0.8
3	1144	1.1	1.1
4	643	1.5	1.5



MTN45-LM25E-230SWT

0° Aiming Angle

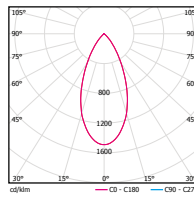
D(M)	LUX	W	L
1	9615	0.5	0.5
2	2404	1.0	1.0
3	1068	1.5	1.5
4	601	2.0	2.0



MTN45-LM25E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4821	0.7	0.7
2	1205	1.3	1.3
3	536	2.0	2.0
4	301	2.7	2.7



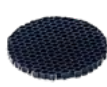
MTN45-LM25E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3263	0.9	0.9
2	816	1.7	1.7
3	363	2.6	2.6
4	204	3.5	3.5

Accessories

Lenses/Filters

Model	Beam Elongator (CLASS I) 	SOFT BEAM LENS (CLASS I) 	FROSTED GLASS (CLASS I) 	Honeycomb (CLASS I) 
MTN25	LENS-08-BEL	LENS-08-BSL	LENS-08-FR	LENS-08-HCL
MTN35	LENS-11-BEL	LENS-11-BSL-ULTRA	LENS-11-FR	LENS-11-HCL-ULTRA
MTN45	LENS-16-BEL-C	LENS-16-BEL-SW	/	LENS-16-HCL-ULTRA

Note: Only one piece accessory allowed and need to order separately

ULTRA MULTIPLES SQUARE TRIMLESS DOWNLIGHT-DIRECTIONAL



MTN26

MTN36

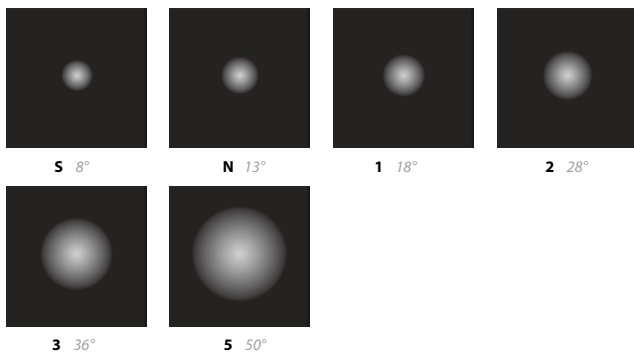
MTN46

Specifications



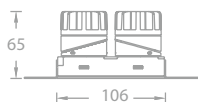
- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-360° horizontal rotation and 0°-30° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 115*55mm / □ 150*72mm / □ 205*100 mm
- Ceiling Thickness: 5mm-15mm / 5mm-25mm / 5mm-25mm
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - MTN26 3000K:624lm 5W / 780lm 7W
 - MTN36 3000K:720lm 8W / 800lm 7W / 1080lm 10W / 1495lm 13W
 - MTN46 3000K:720lm 8W / 1645lm 13W / 2220lm 18W / 2960lm 25W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.15Kg / 0.45Kg / 0.8Kg

Product Features/Optics



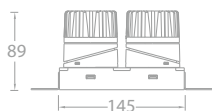
Both Honeycomb and Clear Lenses are interchangeable

Product Parameters



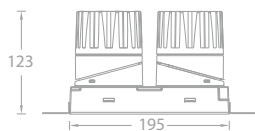
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish	
MTN	2	2"	6 Rectangular Trimless	205 COB 2*5W 207 COB 2*7W	2*316lm(@2*7W 3000K 15°) 2*526lm(@2*7W 3000K 24°) 2*509lm(@2*7W 3000K 36°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
							2 24°	30 3000K		
							3 36°	35 3500K		
							5 50°	40 4000K		
							50 5000K			
MTN	2	2"	6 Rectangular Trimless	207 COB 2*7W	2*316lm(@2*7W 3000K 15°) 2*526lm(@2*7W 3000K 24°) 2*509lm(@2*7W 3000K 36°)	N No Driver A DALI	1 15°	27 2700K	B Black S Specular	WT White BK Black
							2 24°	30 3000K		
							3 36°	35 3500K		
							5 50°	40 4000K		
							50 5000K			
MTN	2	2"	6 Rectangular Trimless	207 COB 2*7W	2*395lm(@7W 3000K 24°) 2*380lm(@7W 3000K 36°) 2*348lm(@7W 3000K 50°)	N No Driver A DALI	2 24°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
							3 36°			
							5 50°			

Example : MTN26-207E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
MTN	3 3"	6 Rectangular Trimless	208 COB 2*8W	2*375lm(@2*8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
MTN	3 3"	6 Rectangular Trimless	207 COB 2*7W 210 COB 2*10W 213 COB 2*13W	2*533lm(@2*7W 3000K 13°) 2*585lm(@2*7W 3000K 18°) 2*641lm(@2*7W 3000K 28°) 2*643lm(@2*7W 3000K 36°) 2*425lm(@2*7W 3000K 50°) 2*643lm(@2*10W 3000K 13°) 2*714lm(@2*10W 3000K 18°) 2*790lm(@2*10W 3000K 28°) 2*804lm(@2*10W 3000K 36°) 2*532lm(@2*10W 3000K 50°) 2*820lm(@2*13W 3000K 13°) 2*935lm(@2*13W 3000K 18°) 2*1035lm(@2*13W 3000K 28°) 2*1024lm(@2*13W 3000K 36°) 2*677lm(@2*13W 3000K 50°)	E ON-OFF D 0-10V Dimming	N 13° 1 18° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
MTN	3 3"	6 Rectangular Trimless	207 COB 2*7W 210 COB 2*10W 213 COB 2*13W	2*532lm(@2*10W 3000K 50°) 2*820lm(@2*13W 3000K 13°) 2*935lm(@2*13W 3000K 18°) 2*1035lm(@2*13W 3000K 28°) 2*1024lm(@2*13W 3000K 36°) 2*677lm(@2*13W 3000K 50°)	N No Driver A DALI	N 13° 1 18° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
MTN	3 3"	6 Rectangular Trimless	207 COB 2*7W 210 COB 2*10W 213 COB 2*13W	2*820lm(@2*13W 3000K 13°) 2*935lm(@2*13W 3000K 18°) 2*1035lm(@2*13W 3000K 28°) 2*1024lm(@2*13W 3000K 36°) 2*677lm(@2*13W 3000K 50°)	N No Driver A DALI	1 18° 2 28° 3 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black

Example : MTN36-207E-230SWT



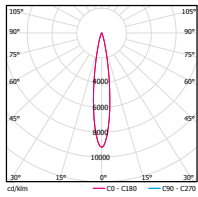
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish							
MTN	4 4"	6 Rectangular Trimless	208 COB 2*8W	2*375lm(@2*8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K	B Black S Specular	WT White BK Black							
							30 3000K									
							35 3500K									
							40 4000K									
							50 5000K									
MTN	4 4"	6 Rectangular Trimless	213 COB 2*13W 218 COB 2*18W 225 COB 2*25W	2*969lm(@2*13W 3000K 13°) 2*1135lm(@2*13W 3000K 19°) 2*1327lm(@2*13W 3000K 28°) 2*1268lm(@2*13W 3000K 36°) 2*1237lm(@2*13W 3000K 50°) 2*1309lm(@2*18W 3000K 13°) 2*1533lm(@2*18W 3000K 19°) 2*1793lm(@2*18W 3000K 28°) 2*1714lm(@2*18W 3000K 36°) 2*1671lm(@12*8W 3000K 50°) 2*1716lm(@2*25W 3000K 13°) 2*2009lm(@2*25W 3000K 19°) 2*2351lm(@2*25W 3000K 28°) 2*2246lm(@2*25W 3000K 36°) 2*2190lm(@2*25W 3000K 50°)	E ON-OFF D 0-10V Dimming	N 13°	27 2700K	B Black S Specular	WT White BK Black							
						1 19°	30 3000K									
						2 28°	35 3500K									
						3 36°	40 4000K									
						5 50°	50 5000K									
					MTN	4 4"	6 Rectangular Trimless			225 COB 2*25W		N No Driver A DALI	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K	B Black S Specular	WT White BK Black
														30 3000K		
														35 3500K		
														40 4000K		
														50 5000K		
MTN	4 4"	6 Rectangular Trimless	225 COB 2*25W		N No Driver A DALI	1 18° 2 28° 3 36° 5 50°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black							

Example : MTN46-213E-230SWT

Light Distribution

MTN26

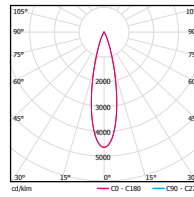
MTN26-LM07E-130SWT



0° Aiming Angle

D(M)	LUX	W	L
1	2919	0.3	0.3
2	730	0.6	0.6
3	324	0.8	0.8
4	182	1.1	1.1

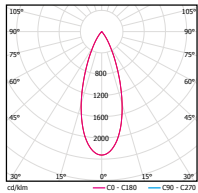
MTN26-LM07E-230SWT



0° Aiming Angle

D(M)	LUX	W	L
1	2442	0.4	0.4
2	611	0.9	0.9
3	271	1.3	1.3
4	153	1.7	1.7

MTN26-LM07E-330SWT

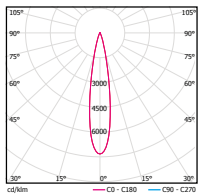


0° Aiming Angle

D(M)	LUX	W	L
1	1183	0.7	0.7
2	296	1.3	1.3
3	131	2.0	2.0
4	74	2.6	2.6

MTN36

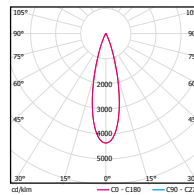
MTN36-LM13E-130SWT



0° Aiming Angle

D(M)	LUX	W	L
1	6848	0.3	0.3
2	1712	0.7	0.7
3	761	1.0	1.0
4	428	1.3	1.3

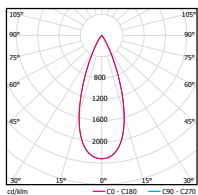
MTN36-LM13E-230SWT



0° Aiming Angle

D(M)	LUX	W	L
1	4510	0.5	0.5
2	1128	1.0	1.0
3	501	1.4	1.4
4	282	1.9	1.9

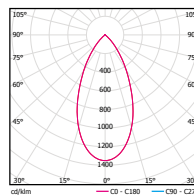
MTN36-LM13E-330SWT



0° Aiming Angle

D(M)	LUX	W	L
1	2375	0.7	0.7
2	594	1.4	1.4
3	264	2.1	2.1
4	148	2.8	2.8

MTN36-LM13E-530SWT

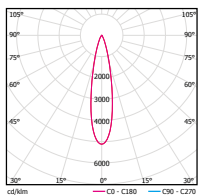


0° Aiming Angle

D(M)	LUX	W	L
1	913	0.9	0.9
2	228	1.8	1.8
3	101	2.8	2.8
4	57	3.7	3.7

MTN46

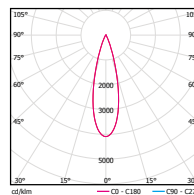
MTN46-LM25E-130SWT



0° Aiming Angle

D(M)	LUX	W	L
1	10294	0.4	0.4
2	2574	0.8	0.8
3	1144	1.1	1.1
4	643	1.5	1.5

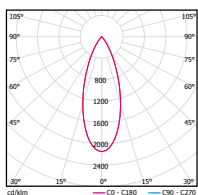
MTN46-LM25E-230SWT



0° Aiming Angle

D(M)	LUX	W	L
1	9615	0.5	0.5
2	2404	1.0	1.0
3	1068	1.5	1.5
4	601	2.0	2.0

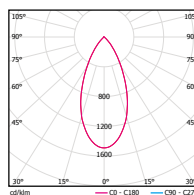
MTN46-LM25E-330SWT



0° Aiming Angle

D(M)	LUX	W	L
1	4821	0.7	0.7
2	1205	1.3	1.3
3	536	2.0	2.0
4	301	2.7	2.7

MTN46-LM25E-530SWT

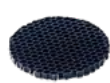


0° Aiming Angle

D(M)	LUX	W	L
1	3263	0.9	0.9
2	816	1.7	1.7
3	363	2.6	2.6
4	204	3.5	3.5

Accessories

Lenses/Filters

Model	Beam Elongator (CLASS I) 	SOFT BEAM LENS (CLASS I) 	FROSTED GLASS (CLASS I) 	Honeycomb (CLASS I) 
MTN26	LENS-08-BEL	LENS-08-BSL	LENS-08-FR	LENS-08-HCL
MTN36	LENS-11-BEL	LENS-11-BSL-ULTRA	LENS-11-FR	LENS-11-HCL-ULTRA
MTN46	LENS-16-BEL-C	LENS-16-BEL-SW	/	LENS-16-HCL-ULTRA

Note: Only one piece accessory allowed and need to order separately

ULTRA MICRO AND ANTI-FOG



DLN33



DLN34



DLN37



DLN38

Specifications



IP20



High CRI



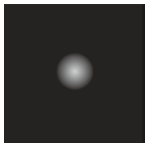
DALI



CCT Tunable

- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-360° horizontal rotation
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø100mm / Ø82mm / □ 79*79mm / □ 78*72mm
- Ceiling Thickness: 5mm-25mm
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
3000K 800lm 7W / 1080lm 10W / 1495lm 13W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.3Kg / 0.35Kg / 0.35Kg / 0.4Kg

Product Features/Optics



N 13°



1 18°



2 28°

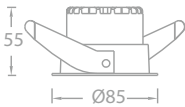


3 36°



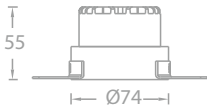
5 50°

Product Parameters



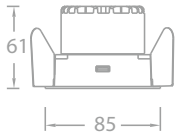
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	3	3"	3 Round Trim (IP44 Aperture)	LM07 COB 7W LM10 COB10W LM13 COB13W	E ON-OFF D 0-10V Dimming	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	3	3"	3 Round Trim (IP44 Aperture)	LM13 COB 13W	N No Driver	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	3	3"	3 Round Trim (IP44 Aperture)	LM13 COB 13W	A DALI N No Driver	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						2 28°			
						3 36°			
						5 50°			

Example : DLN33-LM07E-230SWT



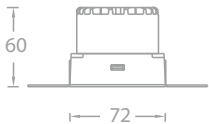
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	3	3"	4 Round Trimless (IP44 Aperture)	LM07 COB 7W LM10 COB10W LM13 COB13W	E ON-OFF D 0-10V Dimming	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	3	3"	4 Round Trimless (IP44 Aperture)	LM13 COB 13W	N No Driver	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	3	3"	4 Round Trimless (IP44 Aperture)	LM13 COB 13W	A DALI N No Driver	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						2 28°			
						3 36°			
						5 50°			

Example : DLN34-LM07E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	3	3"	7 Rectangular Trimless (IP44 Aperture)	LM07 COB 7W LM10 COB10W LM13 COB13W	E ON-OFF D 0-10V Dimming	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	3	3"	7 Rectangular Trimless (IP44 Aperture)	LM13 COB 13W	N No Driver	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	3	3"	7 Rectangular Trimless (IP44 Aperture)	LM13 COB 13W	A DALI N No Driver	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						2 28°			
						3 36°			
						5 50°			

Example : DLN37-LM07E-230SWT

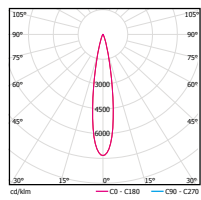


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	3	3"	8 Rectangular Trimless (IP44 Aperture)	LM07 COB 7W LM10 COB10W LM13 COB13W	E ON-OFF D 0-10V Dimming	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	3	3"	8 Rectangular Trimless (IP44 Aperture)	LM13 COB 13W	N No Driver	N 13°	27 2700K	B Black S Specular	WT White BK Black
						1 18°	30 3000K		
						2 28°	35 3500K		
						3 36°	40 4000K		
						5 50°	50 5000K		
DLN	3	3"	8 Rectangular Trimless (IP44 Aperture)	LM13 COB 13W	A DALI N No Driver	1 18°	CC 2700K-6000K (Tunable)	B Black S Specular	WT White BK Black
						2 28°			
						3 36°			
						5 50°			

Example : DLN38-LM07E-230SWT

Light Distribution

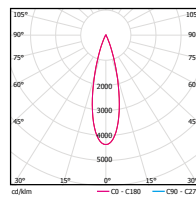
DLN33



DLN33-LM13E-130SWT

0° Aiming Angle

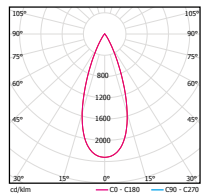
D(M)	LUX	W	L
1	6848	0.3	0.3
2	1712	0.7	0.7
3	761	1.0	1.0
4	428	1.3	1.3



DLN33-LM13E-230SWT

0° Aiming Angle

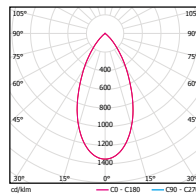
D(M)	LUX	W	L
1	4510	0.5	0.5
2	1128	1.0	1.0
3	501	1.4	1.4
4	282	1.9	1.9



DLN33-LM13E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2375	0.7	0.7
2	594	1.4	1.4
3	264	2.1	2.1
4	148	2.8	2.8

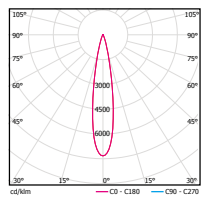


DLN33-LM13E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	913	0.9	0.9
2	228	1.8	1.8
3	101	2.8	2.8
4	57	3.7	3.7

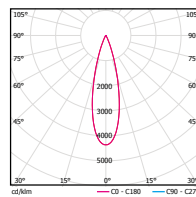
DLN34



DLN34-LM13E-130SWT

0° Aiming Angle

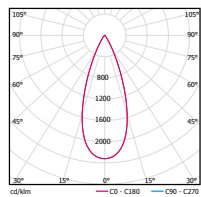
D(M)	LUX	W	L
1	6848	0.3	0.3
2	1712	0.7	0.7
3	761	1.0	1.0
4	428	1.3	1.3



DLN34-LM13E-230SWT

0° Aiming Angle

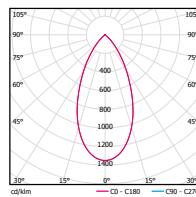
D(M)	LUX	W	L
1	4510	0.5	0.5
2	1128	1.0	1.0
3	501	1.4	1.4
4	282	1.9	1.9



DLN34-LM13E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2375	0.7	0.7
2	594	1.4	1.4
3	264	2.1	2.1
4	148	2.8	2.8

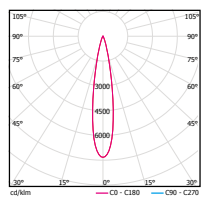


DLN34-LM13E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	913	0.9	0.9
2	228	1.8	1.8
3	101	2.8	2.8
4	57	3.7	3.7

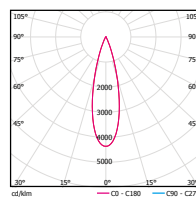
DLN37



DLN37-LM13E-130SWT

0° Aiming Angle

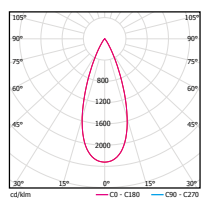
D(M)	LUX	W	L
1	6848	0.3	0.3
2	1712	0.7	0.7
3	761	1.0	1.0
4	428	1.3	1.3



DLN37-LM13E-230SWT

0° Aiming Angle

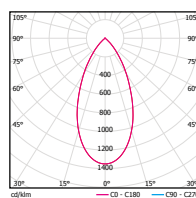
D(M)	LUX	W	L
1	4510	0.5	0.5
2	1128	1.0	1.0
3	501	1.4	1.4
4	282	1.9	1.9



DLN37-LM13E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2375	0.7	0.7
2	594	1.4	1.4
3	264	2.1	2.1
4	148	2.8	2.8



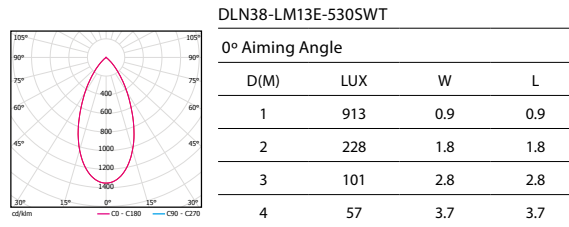
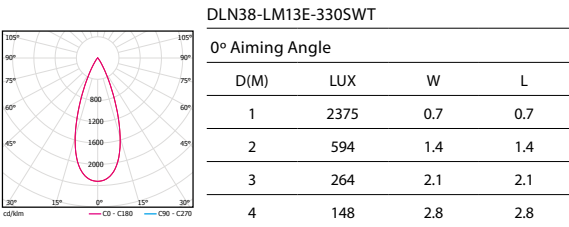
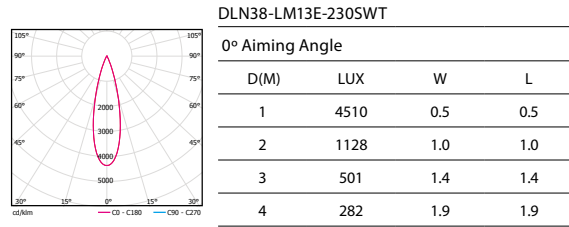
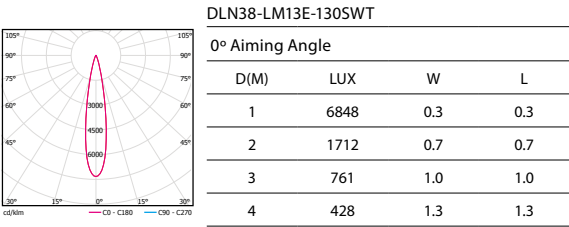
DLN37-LM13E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	913	0.9	0.9
2	228	1.8	1.8
3	101	2.8	2.8
4	57	3.7	3.7

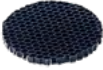
Light Distribution

DLN38



Accessories

Lenses/Filters

Model	Honeycomb (CLASS I) 
DLN33/DLN34/DLN37/DLN38	LENS-12-HCL-ULTRA

Note: The 13° and 18° are shipped with a rimless honeycomb grille by default on the back of the reflector, other angles must be ordered separately.

ULTRA MICRO AND ANTI-FOG



DLN43



DLN44



DLN47



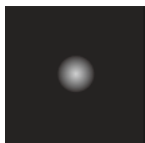
DLN48

Specifications

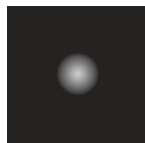


- Body Material: Aluminum
- Optical System: Clear Lens included+Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-360° horizontal rotation
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø100mm / Ø105mm / □ 115*115mm / □ 105*105mm
- Ceiling Thickness: 5mm-25mm
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
3000K 720lm 8W / 1645lm 13W / 2220lm 18W / 2960lm 25W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.5Kg / 0.5Kg / 0.5Kg / 0.5Kg

Product Features/Optics



S 8°



N 13°



1 19°



2 28°

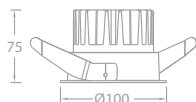


3 36°



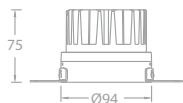
5 50°

Product Parameters



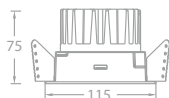
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	4 4"	3 Round Trim (IP44 Aperture)	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black
DLN	4 4"	3 Round Trim (IP44 Aperture)	LM13 COB 13W LM18 COB 18W LM25 COB 25W	969lm(@13W 3000K 13°) 1135lm(@13W 3000K 19°) 61327lm(@13W 3000K 28°) 1268lm(@13W 3000K 36°) 1237lm(@13W 3000K 50°) 1309lm(@18W 3000K 13°) 1533lm(@18W 3000K 18°)	E ON-OFF D 0-10V Dimming	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black
DLN	4 4"	3 Round Trim (IP44 Aperture)	LM25 COB 25W	1793lm(@18W 3000K 28°) 1714lm(@18W 3000K 36°) 1671lm(@18W 3000K 50°) 1716lm(@25W 3000K 13°) 2009lm(@25W 3000K 18°) 2351lm(@25W 3000K 28°) 2246lm(@25W 3000K 36°) 2190lm(@25W 3000K 50°)	A DALI N No Driver	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black

Example : DLN43-LM18E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	4 4"	4 Round Trimless (IP44 Aperture)	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black
DLN	4 4"	4 Round Trimless (IP44 Aperture)	LM13 COB 13W LM18 COB 18W LM25 COB 25W	969lm(@13W 3000K 13°) 1135lm(@13W 3000K 19°) 61327lm(@13W 3000K 28°) 1268lm(@13W 3000K 36°) 1237lm(@13W 3000K 50°) 1309lm(@18W 3000K 13°) 1533lm(@18W 3000K 18°)	E ON-OFF D 0-10V Dimming	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black
DLN	4 4"	4 Round Trimless (IP44 Aperture)	LM25 COB 25W	1793lm(@18W 3000K 28°) 1714lm(@18W 3000K 36°) 1671lm(@18W 3000K 50°) 1716lm(@25W 3000K 13°) 2009lm(@25W 3000K 18°) 2351lm(@25W 3000K 28°) 2246lm(@25W 3000K 36°) 2190lm(@25W 3000K 50°)	A DALI N No Driver	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black

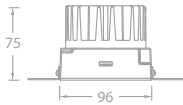
Example : DLN44-LM18E-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	4 4"	7 Rectangular Trim (IP44 Aperture)	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black
DLN	4 4"	7 Rectangular Trim (IP44 Aperture)	LM13 COB 13W LM18 COB 18W LM25 COB 25W	969lm(@13W 3000K 13°) 1135lm(@13W 3000K 19°) 61327lm(@13W 3000K 28°) 1268lm(@13W 3000K 36°) 1237lm(@13W 3000K 50°) 1309lm(@18W 3000K 13°) 1533lm(@18W 3000K 18°)	E ON-OFF D 0-10V Dimming	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black
DLN	4 4"	7 Rectangular Trim (IP44 Aperture)	LM25 COB 25W	1793lm(@18W 3000K 28°) 1714lm(@18W 3000K 36°) 1671lm(@18W 3000K 50°) 1716lm(@25W 3000K 13°) 2009lm(@25W 3000K 18°) 2351lm(@25W 3000K 28°) 2246lm(@25W 3000K 36°) 2190lm(@25W 3000K 50°)	A DALI N No Driver	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black

Example : DLN47-LM18E-230SWT

Product Parameters



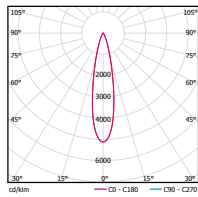
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLN	4 4"	8 Rectangular Trim (IP44 Aperture)	LM08 COB 8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black
DLN	4 4"	8 Rectangular Trim (IP44 Aperture)	LM13 COB 13W LM18 COB 18W LM25 COB 25W	969lm(@13W 3000K 13°) 1135lm(@13W 3000K 19°) 61327lm(@13W 3000K 28°) 1268lm(@13W 3000K 36°) 1237lm(@13W 3000K 50°) 1309lm(@18W 3000K 13°) 1533lm(@18W 3000K 18°) 1793lm(@18W 3000K 28°) 1714lm(@18W 3000K 36°) 1671lm(@18W 3000K 50°) 1716lm(@25W 3000K 13°) 2009lm(@25W 3000K 18°) 2351lm(@25W 3000K 28°) 2246lm(@25W 3000K 36°) 2190lm(@25W 3000K 50°)	E ON-OFF D 0-10V Dimming	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black
DLN	4 4"	8 Rectangular Trim (IP44 Aperture)	LM25 COB 25W	1793lm(@18W 3000K 28°) 1714lm(@18W 3000K 36°) 1671lm(@18W 3000K 50°) 1716lm(@25W 3000K 13°) 2009lm(@25W 3000K 18°) 2351lm(@25W 3000K 28°) 2246lm(@25W 3000K 36°) 2190lm(@25W 3000K 50°)	A DALI N No Driver	N 13° 1 19° 2 28° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular W White	WT White BK Black

Example : DLN48-LM18E-230SWT

Light Distribution

DLN43

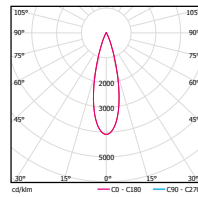
DLN43-LM25E-130SWT



0° Aiming Angle

D(M)	LUX	W	L
1	10294	0.4	0.4
2	2574	0.8	0.8
3	1144	1.1	1.1
4	643	1.5	1.5

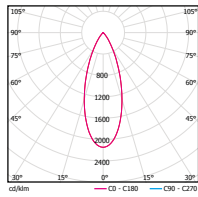
DLN43-LM25E-230SWT



0° Aiming Angle

D(M)	LUX	W	L
1	9615	0.5	0.5
2	2404	1.0	1.0
3	1068	1.5	1.5
4	601	2.0	2.0

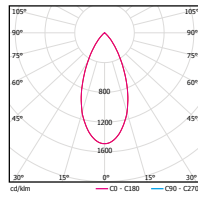
DLN43-LM25E-330SWT



0° Aiming Angle

D(M)	LUX	W	L
1	4821	0.7	0.7
2	1205	1.3	1.3
3	536	2.0	2.0
4	301	2.7	2.7

DLN43-LM25E-530SWT

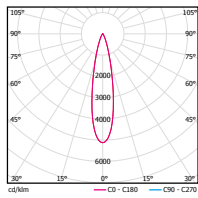


0° Aiming Angle

D(M)	LUX	W	L
1	3263	0.9	0.9
2	816	1.7	1.7
3	363	2.6	2.6
4	204	3.5	3.5

DLN44

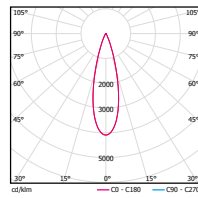
DLN44-LM25E-130SWT



0° Aiming Angle

D(M)	LUX	W	L
1	10294	0.4	0.4
2	2574	0.8	0.8
3	1144	1.1	1.1
4	643	1.5	1.5

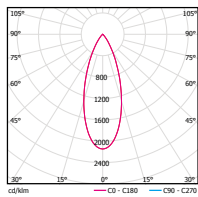
DLN44-LM25E-230SWT



0° Aiming Angle

D(M)	LUX	W	L
1	9615	0.5	0.5
2	2404	1.0	1.0
3	1068	1.5	1.5
4	601	2.0	2.0

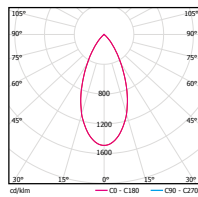
DLN44-LM25E-330SWT



0° Aiming Angle

D(M)	LUX	W	L
1	4821	0.7	0.7
2	1205	1.3	1.3
3	536	2.0	2.0
4	301	2.7	2.7

DLN44-LM25E-530SWT



0° Aiming Angle

D(M)	LUX	W	L
1	3263	0.9	0.9
2	816	1.7	1.7
3	363	2.6	2.6
4	204	3.5	3.5

Light Distribution

DLN47

	DLN47-LM25E-130SWT			
	0° Aiming Angle			
	D(M)	LUX	W	L
	1	10294	0.4	0.4
	2	2574	0.8	0.8
	DLN47-LM25E-230SWT			
	0° Aiming Angle			
	D(M)	LUX	W	L
	1	9615	0.5	0.5
	2	2404	1.0	1.0
	DLN47-LM25E-330SWT			
	0° Aiming Angle			
	D(M)	LUX	W	L
	1	4821	0.7	0.7
	2	1205	1.3	1.3
	DLN47-LM25E-530SWT			
	0° Aiming Angle			
	D(M)	LUX	W	L
	1	3263	0.9	0.9
	2	816	1.7	1.7

DLN47

	DLN47-LM25E-130SWT			
	0° Aiming Angle			
	D(M)	LUX	W	L
	1	10294	0.4	0.4
	2	2574	0.8	0.8
	DLN47-LM25E-230SWT			
	0° Aiming Angle			
	D(M)	LUX	W	L
	1	9615	0.5	0.5
	2	2404	1.0	1.0
	DLN47-LM25E-330SWT			
	0° Aiming Angle			
	D(M)	LUX	W	L
	1	4821	0.7	0.7
	2	1205	1.3	1.3
	DLN47-LM25E-530SWT			
	0° Aiming Angle			
	D(M)	LUX	W	L
	1	3263	0.9	0.9
	2	816	1.7	1.7

Accessories

Lenses/Filters

Model	Honeycomb (CLASS I)
DLN43/DLN44/DLN47/DLN48	LENS-16-HCL-ULTRA

Note: Angles "S"/"N"/"I" are shipped with honeycomb, other angles must be ordered separately.



Tongxiang Wuzhen Tishang Resort Hotel
Jiaxing, Zhejiang Province, China



ELANA PRO

RECESSED CEILING



- Integration of stable down-lighting & flexible angle adjustment



Extra-large anti-glare angle

- Honeycomb + 40° anti-glare angle reflector
Double guarantee for ultimate visual comfort

ELANA PRO ROUND DOWNLIGHT-DIRECTIONAL



DLH31



DLH32

Specifications



- Body Material: Die-cast aluminum
- Optical System: Clear Lens included +Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-25° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø75mm
- Ceiling Thickness: 6mm-15mm
- Cut Off Angle: 40°
- LED Type: COB
- LED Wattage, CCT, Lumen Output: 3000K 800lm 7W
3000K 1150lm 10W
3000K 1495lm 13W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.3Kg / 0.3Kg

Product Features/Optics



1 15°

2 24°

3 36°

4 45°

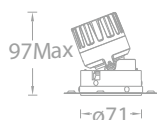
Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLH	3 3"	1 Round Trim	LM07 COB 7W LM10 COB 10W LM13 COB 13W	351lm(@7W 3000K 15°) 622lm(@7W 3000K 24°) 564lm(@7W 3000K 36°) 497lm(@7W 3000K 45°) 446lm(@10W 3000K 15°) 841lm(@10W 3000K 24°) 632lm(@10W 3000K 36°) 562lm(@10W 3000K 45°) 1059lm(@13W 3000K 15°) 902lm(@13W 3000K 36°) 497lm(@13W 3000K 45°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 4 45°	27 2700K 30 3000K 40 4000K	B Black S Specular	WT White
DLH	3 3"	1 Round Trim	LM13 COB 13W	716lm(@10W 3000K 36°) 632lm(@10W 3000K 45°) 562lm(@13W 3000K 15°) 1059lm(@13W 3000K 24°) 902lm(@13W 3000K 36°) 497lm(@13W 3000K 45°)	N No Driver A DALI	1 15° 2 24° 3 36° 4 45°	27 2700K 30 3000K 40 4000K	B Black S Specular	WT White

Example: DLH31-LM07-E230SWT

Note: Only 15° is standard configured with Honeycomb.



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLH	3 3"	2 Round Trimress	LM07 COB 7W LM10 COB 10W LM13 COB 13W	351lm(@7W 3000K 15°) 622lm(@7W 3000K 24°) 564lm(@7W 3000K 36°) 497lm(@7W 3000K 45°) 446lm(@10W 3000K 15°) 841lm(@10W 3000K 24°) 632lm(@10W 3000K 36°) 562lm(@10W 3000K 45°) 1059lm(@13W 3000K 15°) 902lm(@13W 3000K 36°) 497lm(@13W 3000K 45°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 4 45°	27 2700K 30 3000K 40 4000K	B Black S Specular	WT White
DLH	3 3"	2 Round Trimress	LM13 COB 13W	716lm(@10W 3000K 36°) 632lm(@10W 3000K 45°) 562lm(@13W 3000K 15°) 1059lm(@13W 3000K 24°) 902lm(@13W 3000K 36°) 497lm(@13W 3000K 45°)	N No Driver A DALI	1 15° 2 24° 3 36° 4 45°	27 2700K 30 3000K 40 4000K	B Black S Specular	WT White

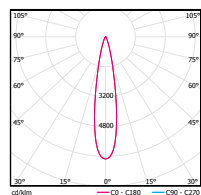
Example: DLH32-LM07-E230SWT

Note: Only 15° is standard configured with Honeycomb.

Light Distribution

DLH31

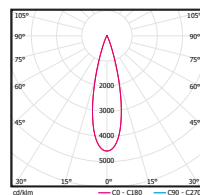
DLH31-LM10-E130SWT



0° Aiming Angle

D(M)	LUX	W	L
1	4366	0.34	0.34
2	1092	0.68	0.68
3	485	1.02	1.02
4	273	1.36	1.36

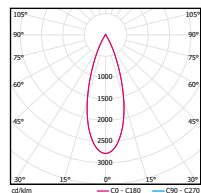
DLH31-LM10-E230SWT



0° Aiming Angle

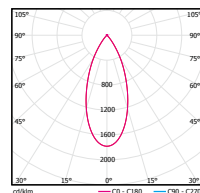
D(M)	LUX	W	L
1	3675	0.34	0.34
2	919	0.68	0.68
3	408	1.02	1.02
4	230	1.36	1.36

0° Aiming Angle



D(M)	LUX	W	L
1	1991	0.78	0.78
2	498	1.60	1.60
3	221	2.30	2.30
4	124	3.20	3.20

DLH31-LM10-E430SWT



0° Aiming Angle

D(M)	LUX	W	L
1	1126	0.61	0.61
2	282	1.20	1.20
3	125	1.80	1.80
4	70	2.40	2.40

ELANA PRO SQUARE DOWNLIGHT-DIRECTIONAL



DLH35



DLH36

Specifications



- Body Material: Die-cast aluminum
- Optical System: Clear Lens included +Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-25° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 75*75mm / □ 77*74mm
- Ceiling Thickness: 6mm-25mm
- Cut Off Angle: 40°
- LED Type: COB
- LED Wattage, CCT, Lumen Output: 3000K 800lm 7W
3000K 1150lm 10W
3000K 1495lm 13W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.3Kg / 0.3Kg

Product Features/Optics



N 15°

2 24°

3 36°

4 45°

Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLH	3	3"	5 Rectangular Trim	LM07 COB 7W LM10 COB 10W LM13 COB 13W	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black Specular	WT White
						2 24°	30 3000K		
						3 36°	40 4000K		
						4 45°			
DLH	3	3"	5 Rectangular Trim	LM13 COB 13W	N No Driver A DALI	1 15°	27 2700K	B Black Specular	WT White
						2 24°	30 3000K		
						3 36°	40 4000K		
						4 45°			

Example: DLH35-LM10-E230SWT

Note: Only 15° is standard configured with Honeycomb.



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DLH	3	3"	6 Rectangular Trimless	LM07 COB 7W LM10 COB 10W LM13 COB 13W	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black Specular	WT White
						2 24°	30 3000K		
						3 36°	40 4000K		
						4 45°			
DLH	3	3"	6 Rectangular Trimless	LM13 COB 13W	N No Driver A DALI	1 15°	27 2700K	B Black Specular	WT White
						2 24°	30 3000K		
						3 36°	40 4000K		
						4 45°			

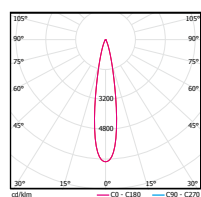
Example: DLH36-LM10-E230SWT

Note: Only 15° is standard configured with Honeycomb.

Light Distribution

DLH35

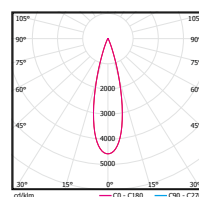
DLH35-LM10-E130SWT



0° Aiming Angle

D(M)	LUX	W	L
1	4366	0.34	0.34
2	1092	0.68	0.68
3	485	1.02	1.02
4	273	1.36	1.36

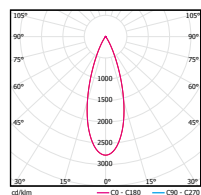
DLH35-LM10-E230SWT



0° Aiming Angle

D(M)	LUX	W	L
1	3675	0.34	0.34
2	919	0.68	0.68
3	408	1.02	1.02
4	230	1.36	1.36

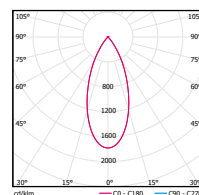
DLH35-LM10-E330SWT



0° Aiming Angle

D(M)	LUX	W	L
1	1991	0.78	0.78
2	498	1.60	1.60
3	221	2.30	2.30
4	124	3.20	3.20

DLH35-LM10-E430SWT



0° Aiming Angle

D(M)	LUX	W	L
1	1126	0.61	0.61
2	282	1.20	1.20
3	125	1.80	1.80
4	70	2.40	2.40

ELANA PRO MULTIPLE SQUARE DOWNLIGHT-DIRECTIONAL



MTH35



MTH36

Specifications



- Body Material: Die-cast aluminum
- Optical System: Clear Lens included +Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-25° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 146*74mm / □ 84*84mm
- Ceiling Thickness: 6mm-25mm
- Cut Off Angle: 40°
- LED Type: COB
- LED Wattage, CCT, Lumen Output: 3000K 800lm 7W
3000K 1150lm 10W
3000K 1495lm 13W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.7Kg / 0.7Kg

Product Features/Optics



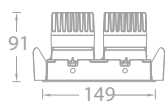
1 15°

2 24°

3 36°

4 45°

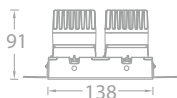
Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
MTH	3	3"	5 Rectangular Trim	207 COB 2*7W	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 4 45°	27 2700K 30 3000K 40 4000K	B Black S Specular	WT White
				210 COB 2*10W					
				213 COB 2*13W					
				2*351lm(@7W 3000K 15°) 2*622lm(@7W 3000K 24°) 2*564lm(@7W 3000K 36°) 2*497lm(@7W 3000K 45°) 2*446lm(@10W 3000K 15°) 2*841lm(@10W 3000K 24°) 2*716lm(@10W 3000K 36°) 2*632lm(@10W 3000K 45°) 2*562lm(@13W 3000K 15°) 2*1059lm(@13W 3000K 24°) 2*902lm(@13W 3000K 36°) 2*497lm(@13W 3000K 45°)					
MTH	3	3"	5 Rectangular Trim	213 COB 2*13W	N No Driver	1 15° 2 24° 3 36° 4 45°	27 2700K 30 3000K 40 4000K	B Black S Specular	WT White

Example: MTH35-210-E230SWT

Note: Only 15° is standard configured with Honeycomb.



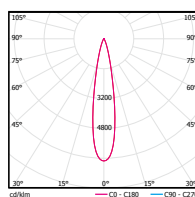
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
MTH	3	3"	6 Rectangular Trimless	207 COB 2*7W	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 4 45°	27 2700K 30 3000K 40 4000K	B Black S Specular	WT White
				210 COB 2*10W					
				213 COB 2*13W					
				2*351lm(@7W 3000K 15°) 2*622lm(@7W 3000K 24°) 2*564lm(@7W 3000K 36°) 2*497lm(@7W 3000K 45°) 2*446lm(@10W 3000K 15°) 2*841lm(@10W 3000K 24°) 2*716lm(@10W 3000K 36°) 2*632lm(@10W 3000K 45°) 2*562lm(@13W 3000K 15°) 2*1059lm(@13W 3000K 24°) 2*902lm(@13W 3000K 36°) 2*497lm(@13W 3000K 45°)					
MTH	3	3"	6 Rectangular Trimless	213 COB 2*13W	N No Driver A DALI	1 15° 2 24° 3 36° 4 45°	27 2700K 30 3000K 40 4000K	B Black S Specular	WT White

Example: MTH36-210-E230SWT

Note: Only 15° is standard configured with Honeycomb.

Light Distribution

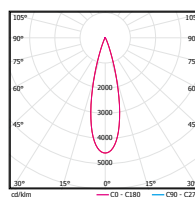
MTH35



MTH35-LM10-E130SWT

0° Aiming Angle

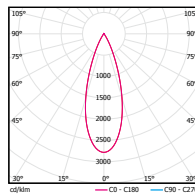
D(M)	LUX	W	L
1	4366	0.34	0.34
2	1092	0.68	0.68
3	485	1.02	1.02
4	273	1.36	1.36



MTH35-LM10-E230SWT

0° Aiming Angle

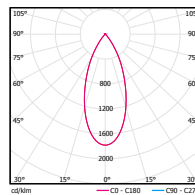
D(M)	LUX	W	L
1	3675	0.34	0.34
2	919	0.68	0.68
3	408	1.02	1.02
4	230	1.36	1.36



MTH35-LM10-E330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1991	0.78	0.78
2	498	1.60	1.60
3	221	2.30	2.30
4	124	3.20	3.20



MTH35-LM10-E430SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1126	0.61	0.61
2	282	1.20	1.20
3	125	1.80	1.80
4	70	2.40	2.40



The G Shenzhen, A Tribute Portfolio Hotel
Shenzhen, Guangdong Province



ELANA

RECESSED CEILING

ELANA LED downlights achieve high uniformity illumination with individual beam angle adjustment of light distribution. These die-cast aluminum luminaires provide elegant, simple and modern lighting, resulting in robust illumination that brings visual comfort and a pleasant environment. Thermally efficient, these downlights are compact and fully integrate into the ceiling for a clean architectural effect. The luminaires offer a 40-degree cut off angle for effective glare control, with CCTs of 2700K, 3000K and 4000K. Various reflector finishes are available including silver specular, frosted, black and champagne.

ELANA DOWNLIGHT



DLG21



DLG31

Specifications



- Body Material: Die-cast aluminum
- Optical System: Clear Lens included+ Anti-glare reflector
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø55mm / Ø75mm
- Ceiling Thickness: 5mm-15mm
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - DLG21 3000K: 557lm 4W / 780lm 7W
 - DLG31 3000K: 800lm 7W / 1150lm 10W / 1495lm 13W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.11Kg / 0.24Kg

Product Features/Optics



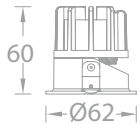
1 15°

2 24°

3 36°

5 50°

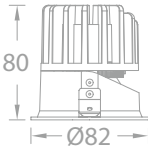
Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish		
DLG	2	2"	1	Round Trim	LM04 COB 4W LM07 COB 7W	215lm(@4W 3000K 15°) 249lm(@4W 3000K 24°) 314lm(@4W 3000K 36°) 342lm(@4W 3000K 50°) 306lm(@7W 3000K 15°) 355lm(@7W 3000K 24°) 447lm(@7W 3000K 36°) 486lm(@7W 3000K 50°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
								2 24°	30 3000K		
								3 36°	35 3500K		
								5 50°	40 4000K		
									50 5000K		
DLG	2	2"	1	Round Trim	LM07 COB 7W	447lm(@7W 3000K 36°) 486lm(@7W 3000K 50°)	N No Driver	1 15°	27 2700K	B Black S Specular	WT White BK Black
								2 24°	30 3000K		
								3 36°	35 3500K		
								5 50°	40 4000K		
									50 5000K		

Example: DLG21-LM07-E230SWT

Note: Only 15° and 24° are standard configured with Honeycomb.



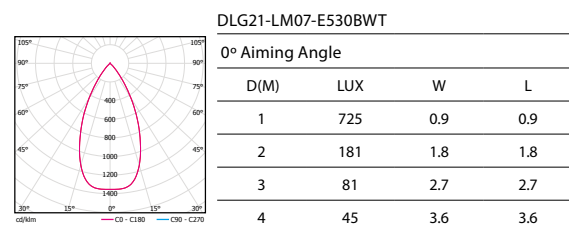
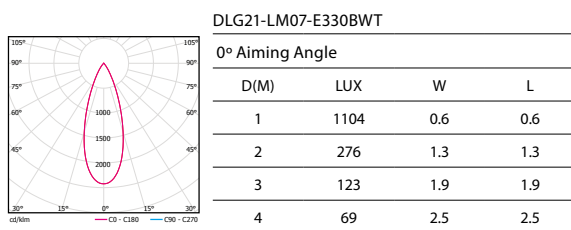
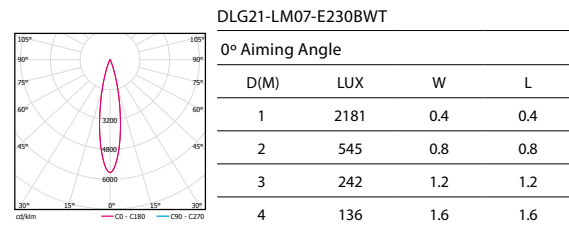
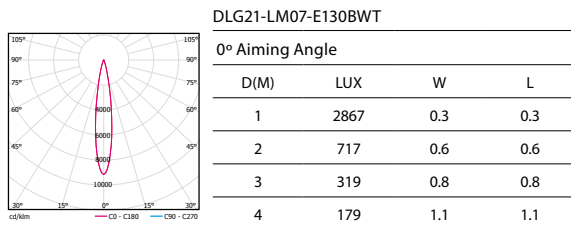
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish				
DLG	3	3"	1	Round Trim	LM07 COB 7W LM10 COB 10W LM13 COB 13W	340lm(@7W 3000K 15°) 416lm(@7W 3000K 24°) 604lm(@7W 3000K 36°) 573lm(@7W 3000K 50°) 456lm(@10W 3000K 15°) 558lm(@10W 3000K 24°) 809lm(@10W 3000K 36°) 770lm(@10W 3000K 50°) 615lm(@13W 3000K 15°) 753lm(@13W 3000K 24°) 1090lm(@13W 3000K 36°) 1038lm(@13W 3000K 50°)	E ON-OFF D 0-10V Dimming	1	15°	27	2700K	B Black S Specular	WT White BK Black
								2	24°	30	3000K		
								3	36°	35	3500K		
								4	4000K	40	4000K		
								5	50°	50	5000K		
DLG	3	3"	1	Round Trim	LM13 COB 13W	N No Driver	1	15°	27	2700K	B Black S Specular	WT White BK Black	
							2	24°	30	3000K			
							3	36°	35	3500K			
							4	4000K	40	4000K			
							5	50°	50	5000K			

Example: DLG31-LM07-E230SWT

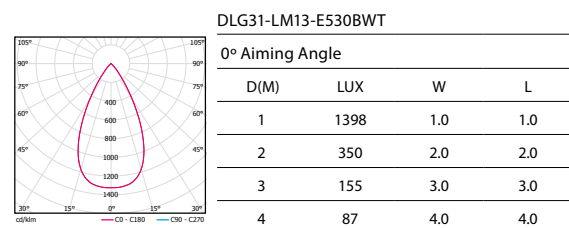
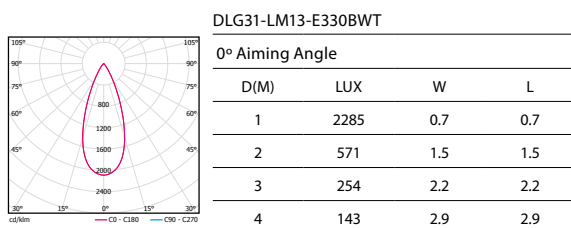
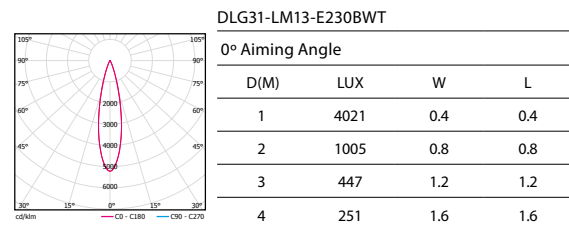
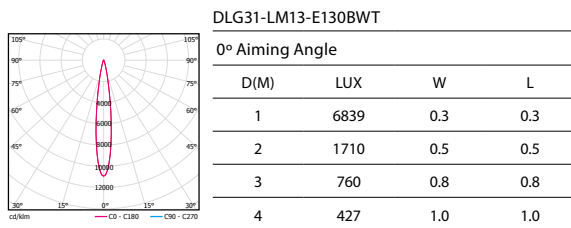
Note: Only 15° and 24° are standard configured with Honeycomb.

Light Distribution

DLG21



DLG31



ELANA ROUND DIRECTIONAL



DDG21



DDG31

Specifications



- Body Material: Die-cast aluminum
- Optical System: Clear Lens included+ Anti-glare reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-25° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Ø55mm / Ø75mm
- Ceiling Thickness: 5mm-15mm
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - DLG21 3000K: 557lm 4W / 780lm 7W
 - DLG31 3000K: 800lm 7W / 1150lm 10W / 1495lm 13W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.11Kg / 0.24Kg

Product Features/Optics



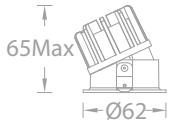
1 15°

2 24°

3 36°

5 50°

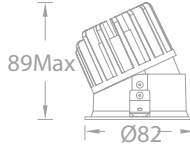
Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDG	2 2"	1 Round Trim	LM04 COB 4W LM07 COB 7W	233lm(@4W 3000K 15°) 221lm(@4W 3000K 24°) 314lm(@4W 3000K 36°) 330lm(@4W 3000K 50°) 322lm(@7W 3000K 15°) 318lm(@7W 3000K 24°) 452lm(@7W 3000K 36°) 476lm(@7W 3000K 50°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDG	2 2"	1 Round Trim	LM07 COB 7W	452lm(@7W 3000K 36°) 476lm(@7W 3000K 50°)	N No Driver	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black

Example: DDG21-LM07-E230SWT

Note: Only 15° and 24° are standard configured with Honeycomb.



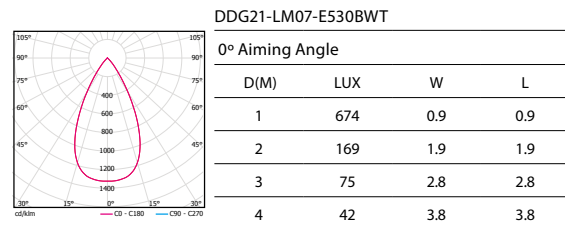
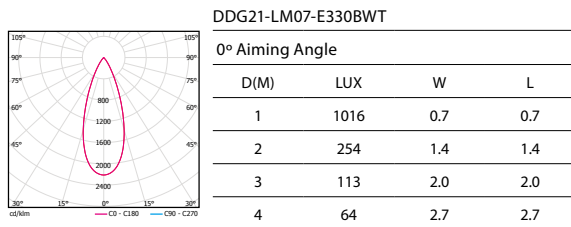
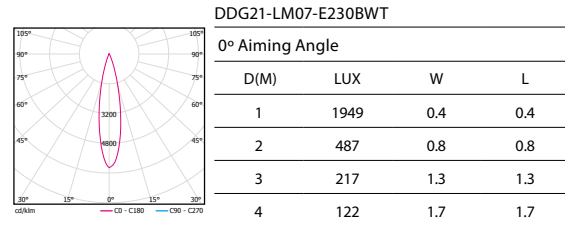
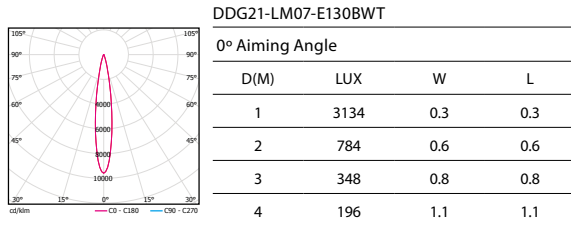
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDG	3 3"	1 Round Trim	LM07 COB 7W LM10 COB 10W LM13 COB 13W	344lm(@7W 3000K 15°) 593lm(@7W 3000K 24°) 593lm(@7W 3000K 36°) 553lm(@7W 3000K 50°) 462lm(@10W 3000K 15°) 798lm(@10W 3000K 24°) 798lm(@10W 3000K 36°) 744lm(@10W 3000K 50°) 628lm(@13W 3000K 15°) 1083lm(@13W 3000K 24°) 1083lm(@13W 3000K 36°) 1010lm(@13W 3000K 50°)	E ON-OFF D 0-10V Dimming	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black
DDG	3 3"	1 Round Trim	LM13 COB 13W	798lm(@10W 3000K 36°) 744lm(@10W 3000K 50°) 628lm(@13W 3000K 15°) 1083lm(@13W 3000K 24°) 1083lm(@13W 3000K 36°) 1010lm(@13W 3000K 50°)	N No Driver	1 15° 2 24° 3 36° 5 50°	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	B Black S Specular	WT White BK Black

Example: DDG31-LM07-E230SWT

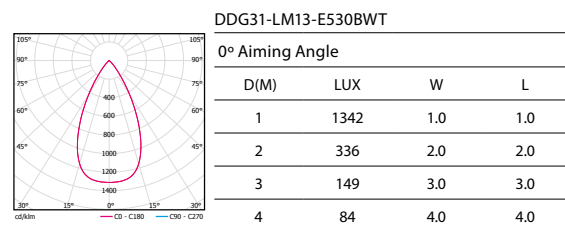
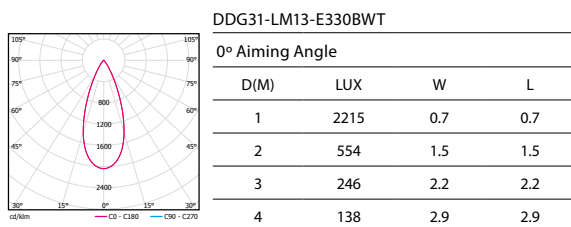
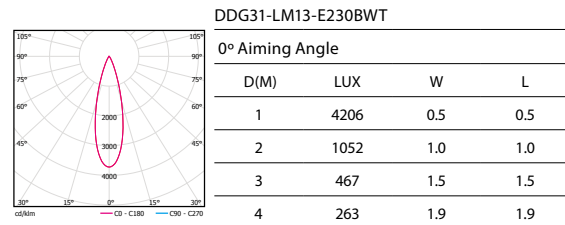
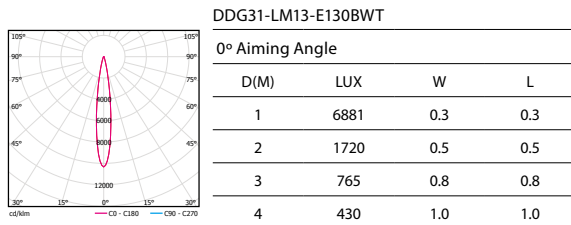
Note: Only 15° and 24° are standard configured with Honeycomb.

Light Distribution

DDG21



DDG31



ELANA SQUARE DIRECTIONAL



DDG25



DDG35

Specifications



- Body Material: Die-cast aluminum
- Optical System: Clear Lens included+ Anti-glare reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-25° vertical aiming tilt
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 55*55mm / □ 75*75mm
- Ceiling Thickness: 5mm-15mm
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - DDG22 3000K: 557lm 4W / 780lm 7W
 - DDG32 3000K: 800lm 7W / 1150lm 10W / 1495lm 13W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.11Kg / 0.24Kg

Product Features/Optics



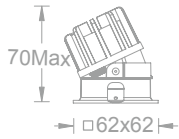
1 15°

2 24°

3 36°

5 50°

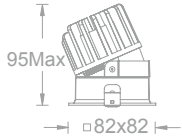
Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDG	2 2"	5 Rectangular Trim	LM04 COB 4W LM07 COB 7W	233lm(@4W 3000K 15°) 221lm(@4W 3000K 24°) 314lm(@4W 3000K 36°) 330lm(@4W 3000K 50°) 322lm(@7W 3000K 15°) 318lm(@7W 3000K 24°) 452lm(@7W 3000K 36°) 476lm(@7W 3000K 50°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 4000K	40 4000K		
						5 50°	50 5000K		
DDG	2 2"	5 Rectangular Trim	LM07 COB 7W	452lm(@7W 3000K 36°) 476lm(@7W 3000K 50°)	N No Driver	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 4000K	40 4000K		
						5 50°	50 5000K		

Example: DDG25-LM07-E130SWT

Note: Only 15° and 24° are standard configured with Honeycomb.



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
DDG	3 3"	5 Rectangular Trim	LM07 COB 7W LM10 COB 10W LM13 COB 13W	344lm(@7W 3000K 15°) 593lm(@7W 3000K 24°) 593lm(@7W 3000K 36°) 553lm(@7W 3000K 50°) 462lm(@10W 3000K 15°) 798lm(@10W 3000K 24°) 798lm(@10W 3000K 36°) 744lm(@10W 3000K 50°) 628lm(@13W 3000K 15°) 1083lm(@13W 3000K 24°) 1083lm(@13W 3000K 36°) 1010lm(@13W 3000K 50°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 4000K	40 4000K		
						5 50°	50 5000K		
DDG	3 3"	5 Rectangular Trim	LM13 COB 13W	798lm(@10W 3000K 36°) 744lm(@10W 3000K 50°) 628lm(@13W 3000K 15°) 1083lm(@13W 3000K 24°) 1083lm(@13W 3000K 36°) 1010lm(@13W 3000K 50°)	N No Driver	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 4000K	40 4000K		
						5 50°	50 5000K		

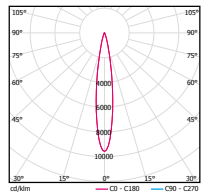
Example: DDG35-LM07-E130SWT

Note: Only 15° and 24° are standard configured with Honeycomb.

Light Distribution

DDG25

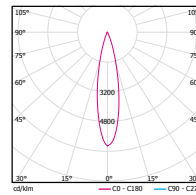
DDG25-LM07-E130BWT



0° Aiming Angle

D(M)	LUX	W	L
1	3134	0.3	0.3
2	784	0.6	0.6
3	348	0.8	0.8
4	196	1.1	1.1

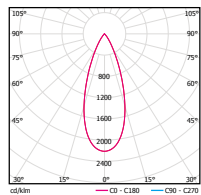
DDG25-LM07-E230BWT



0° Aiming Angle

D(M)	LUX	W	L
1	1949	0.4	0.4
2	487	0.8	0.8
3	217	1.3	1.3
4	122	1.7	1.7

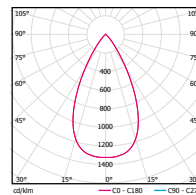
DDG25-LM07-E330BWT



0° Aiming Angle

D(M)	LUX	W	L
1	1016	0.7	0.7
2	254	1.4	1.4
3	113	2.0	2.0
4	64	2.7	2.7

DDG25-LM07-E530BWT

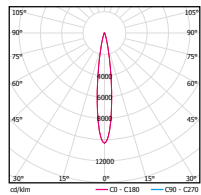


0° Aiming Angle

D(M)	LUX	W	L
1	674	0.9	0.9
2	169	1.9	1.9
3	75	2.8	2.8
4	42	3.8	3.8

DDG35

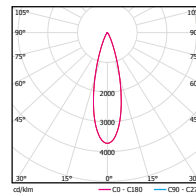
DDG35-LM13-E130BWT



0° Aiming Angle

D(M)	LUX	W	L
1	6881	0.3	0.3
2	1720	0.5	0.5
3	765	0.8	0.8
4	430	1.0	1.0

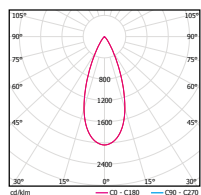
DDG35-LM13-E230BWT



0° Aiming Angle

D(M)	LUX	W	L
1	4206	0.5	0.5
2	1052	1.0	1.0
3	467	1.5	1.5
4	263	1.9	1.9

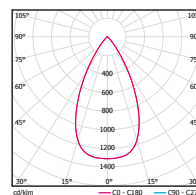
DDG35-LM13-E330BWT



0° Aiming Angle

D(M)	LUX	W	L
1	2215	0.7	0.7
2	554	1.5	1.5
3	246	2.2	2.2
4	138	2.9	2.9

DDG35-LM13-E530BWT



0° Aiming Angle

D(M)	LUX	W	L
1	1342	1.0	1.0
2	336	2.0	2.0
3	149	3.0	3.0
4	84	4.0	4.0

SURFACE MOUNT LUMINAIRES



ULTRA

182



PLANA PRO

188

SURFACE MOUNT

ULTRA

The ULTRA Downlight is ideal for general lighting. The unique reflector design features a cut-off that directs the beam whenever you need it.

Available in Square style.

Various optic options are offered.



Sunshine Insurance Financial Center Building
Beijing, China



SURFACE MOUNT

ULTRA



SLN32



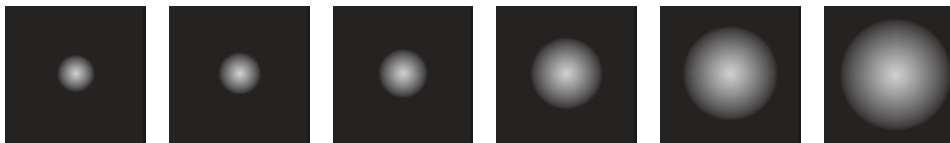
SLN36

Specifications



- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output: 3000K 800lm 7W
3000K 1150lm 10W
3000K 1495lm 13W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.36Kg / 036Kg

Product Features/Optics



S 8°

N 13°

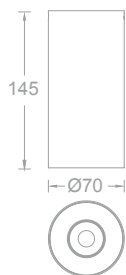
1 18°

2 28°

3 36°

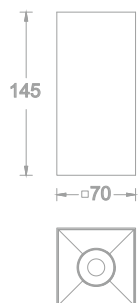
5 50°

Product Parameters



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
SLN	3 3"	2 Round Trimless	LM08 COB8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K	S Specular B Black	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
SLN	3 3"	2 Round Trimless	LM07 COB7W	466lm(@7W 3000K 13°)	E ON-OFF D 0-10V Dimming	N 13° 1 18° 2 28° 3 36° 5 50°	27 2700K	S Specular B Black	WT White BK Black
			LM10 COB10W	721lm(@7W 3000K 18°)			30 3000K		
			LM13 COB13W	715lm(@7W 3000K 28°)			35 3500K		
				720lm(@7W 3000K 36°)			40 4000K		
				425lm(@7W 3000K 50°)			50 5000K		
				520lm(@10W 3000K 13°)					
				817lm(@10W 3000K 18°)					
				796lm(@10W 3000K 28°)					
				823lm(@10W 3000K 36°)					
				532lm(@10W 3000K 50°)					
				676lm(@13W 3000K 13°)					
				1062lm(@13W 3000K 18°)					
				1035lm(@13W 3000K 28°)					
				1070lm(@13W 3000K 36°)					
				677lm(@13W 3000K 50°)					

Example: SLN32-LM07E-N30SWT



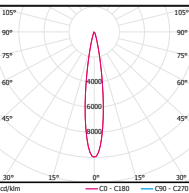
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
SLN	3 3"	6 Rectangular Trimless	LM08 COB8W	375lm(@8W 3000K 8°)	E ON-OFF D 0-10V Dimming	S 8°	27 2700K	S Specular B Black	WT White BK Black
							30 3000K		
							35 3500K		
							40 4000K		
							50 5000K		
SLN	3 3"	6 Rectangular Trimless	LM07 COB7W	466lm(@7W 3000K 13°)	E ON-OFF D 0-10V Dimming	N 13° 1 18° 2 28° 3 36° 5 50°	27 2700K	S Specular B Black	WT White BK Black
			LM10 COB10W	721lm(@7W 3000K 18°)			30 3000K		
			LM13 COB13W	715lm(@7W 3000K 28°)			35 3500K		
				720lm(@7W 3000K 36°)			40 4000K		
				425lm(@7W 3000K 50°)			50 5000K		
				520lm(@10W 3000K 13°)					
				817lm(@10W 3000K 18°)					
				796lm(@10W 3000K 28°)					
				823lm(@10W 3000K 36°)					
				532lm(@10W 3000K 50°)					
				676lm(@13W 3000K 13°)					
				1062lm(@13W 3000K 18°)					
				1035lm(@13W 3000K 28°)					
				1070lm(@13W 3000K 36°)					
				677lm(@13W 3000K 50°)					

Example: SLN36-LM07E-N30SWT

SURFACE MOUNT

Light Distribution

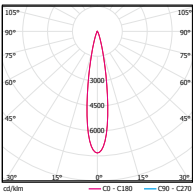
SLN32



SLN32-LM13E-N30

0° Aiming Angle

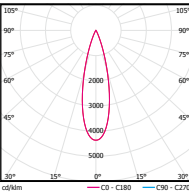
D(M)	LUX	W	L
1	8174	0.28	0.28
2	2044	0.56	0.56
3	908	0.84	0.84
4	511	1.12	1.12



SLN32-LM13E-130

0° Aiming Angle

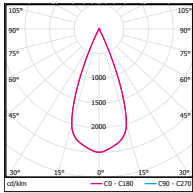
D(M)	LUX	W	L
1	6848	0.33	0.33
2	1712	0.66	0.66
3	761	0.99	0.99
4	428	1.32	1.32



SLN32-LM13E-230

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

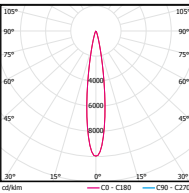


SLN32-LM13E-330

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

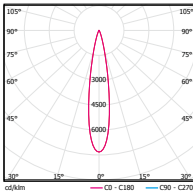
SLN36



SLN36-LM13E-N30

0° Aiming Angle

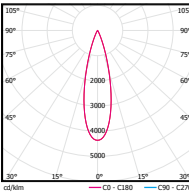
D(M)	LUX	W	L
1	8174	0.28	0.28
2	2044	0.56	0.56
3	908	0.84	0.84
4	511	1.12	1.12



SLN36-LM13E-130

0° Aiming Angle

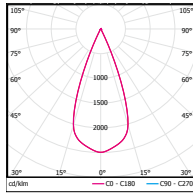
D(M)	LUX	W	L
1	6848	0.33	0.33
2	1712	0.66	0.66
3	761	0.99	0.99
4	428	1.32	1.32



SLN36-LM13E-230

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



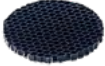
SLN36-LM13E-330

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

Accessories

Lenses/Filters

Model	Beam Elongator (CLASS I) 	SOFT BEAM LENS (CLASS I) 	FROSTED GLASS (CLASS I) 	Honeycomb (CLASS I) 
SLN32/SLN36	LENS-11-BEL	LENS-11-BSL-ULTRA	LENS-11-FR	LENS-11-HCL-ULTRA

Note: Only one piece accessory allowed and need to order separately



Bank of Communications Foreshore 31 Performing Arts Center
Shanghai, China



SURFACE MOUNT

PLANA PRO

The performance-based PLANA PRO LED Downlight series is designed and engineered for challenging hospitality and commercial applications. Constructed of die-cast aluminum, dimmable LED luminaires are engineered with advanced proprietary LED technology that ensures superior quality, minimal maintenance and durable service life. Adjustable beam angles and various color temperatures are available.

PLANA PRO



SDL22



SDL32

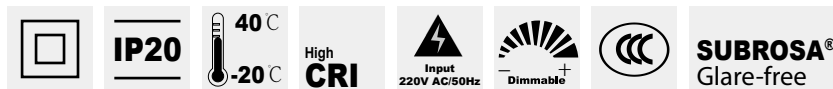


SDL42



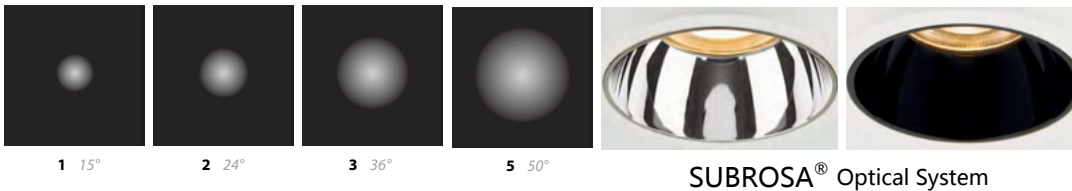
SDL52

Specifications

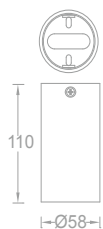


- Body Material: Extruded aluminum
- Optical System: Clear Lens included + SUBROSA® Optical System
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cut Off Angle: 35°
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
 - SDL22 3000K: 1100lm
 - SDL32 3000K: 1600lm 13W / 2200lm 18W
 - SDL42 3000K: 2200lm 18W / 3000lm 25W
 - SDL52 3000K: 3900lm 32W / 4800lm 40W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM (4000K 5 SDCM)
- Net Weight: 0.4Kg / 0.7Kg / 1.0Kg / 1.6Kg

Product Features/Optics

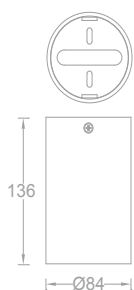


Product Parameters



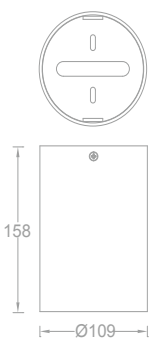
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
SDL	2	2"	LM10 COB 10W	934lm(@10W 3000K 15°) 1054lm(@10W 3000K 24°) 1054lm(@10W 3000K 36°) 742lm(@10W 3000K50°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		

Example: SDL22-LM10D-230SWT



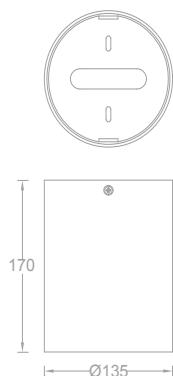
Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
SDL	3	3"	LM13 COB 13W LM18 COB 18W	1417lm(@18W 3000K 15°) 1813lm(@18W 3000K 24°) 1765lm(@18W 3000K 36°) 1286lm(@18W 3000K50°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		

Example: SDL32-LM18D-230SWT



Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
SDL	4	4"	LM18 COB 18W LM25 COB 25W	2349lm(@25W 3000K 15°) 2564lm(@25W 3000K 24°) 2503lm(@25W 3000K 36°) 2352lm(@25W 3000K50°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		

Example: SDL42-LM18D-230SWT

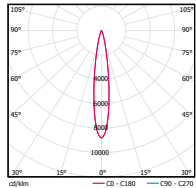


Model	Size	Trim	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
SDL	5	5" Round Trimless	LM32 COB 32W LM40 COB 40W	3590lm(@40W 3000K 15°) 3713lm(@40W 3000K 24°) 3891lm(@40W 3000K 36°) 3357lm(@40W 3000K50°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	B Black S Specular	WT White BK Black
						2 24°	30 3000K		
						3 36°	35 3500K		
						4 40°	40 4000K		
						5 50°	50 5000K		

Example: SDL52-LM40D-230SWT

Light Distribution

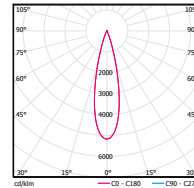
SDL22



SDL22-LM10E-130SWT

0° Aiming Angle

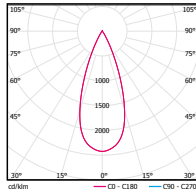
D(M)	LUX	W	L
1	6612	0.28	0.28
2	1653	0.56	0.56
3	735	0.84	0.84
4	413	1.12	1.12



SDL22-LM10E-230SWT

0° Aiming Angle

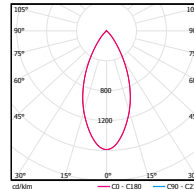
D(M)	LUX	W	L
1	5452	0.44	0.44
2	1363	0.88	0.88
3	606	1.32	1.32
4	341	1.76	1.76



SDL22-LM10E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	2554	0.70	0.70
2	639	1.40	1.40
3	284	2.10	2.10
4	160	2.80	2.80

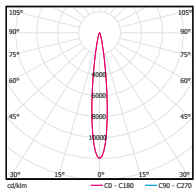


SDL22-LM10E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1176	0.84	0.84
2	294	1.68	1.68
3	131	2.52	2.52
4	74	3.36	3.36

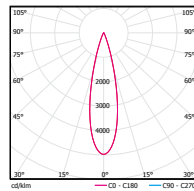
SDL32



SDL32-LM18E-130SWT

0° Aiming Angle

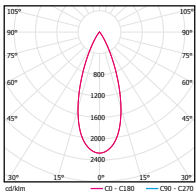
D(M)	LUX	W	L
1	16998	0.24	0.24
2	4250	0.48	0.48
3	1889	0.72	0.72
4	1062	0.96	0.96



SDL32-LM18E-230SWT

0° Aiming Angle

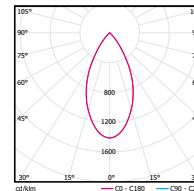
D(M)	LUX	W	L
1	9028	0.44	0.44
2	2257	0.88	0.88
3	1003	1.32	1.32
4	564	1.76	1.76



SDL32-LM18E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4005	0.70	0.70
2	1001	1.40	1.40
3	445	2.10	2.10
4	250	2.80	2.80

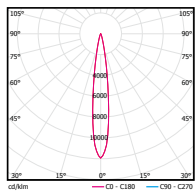


SDL32-LM18E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	1813	0.95	0.95
2	453	1.90	1.90
3	201	2.85	2.85
4	113	3.80	3.80

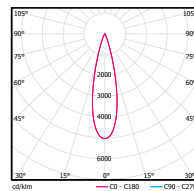
SDL42



SDL42-LM25E-230SWT

0° Aiming Angle

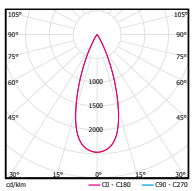
D(M)	LUX	W	L
1	28028	0.25	0.25
2	7007	0.50	0.50
3	3114	0.75	0.75
4	1752	1.00	1.00



SDL42-LM25-D430SWT

0° Aiming Angle

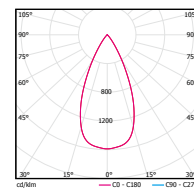
D(M)	LUX	W	L
1	12924	0.45	0.45
2	3231	0.90	0.90
3	1436	1.35	1.35
4	808	1.80	1.80



SDL42-LM25E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	6179	0.68	0.68
2	1545	1.36	1.36
3	687	2.04	2.04
4	386	2.72	2.72



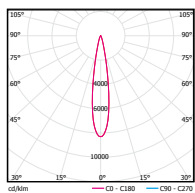
SDL42-LM25E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	3737	0.89	0.89
2	934	1.78	1.78
3	415	2.67	2.67
4	234	3.56	3.56

Light Distribution

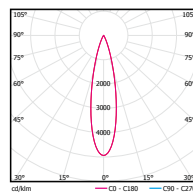
SDL52



SDL52-LM40E-130SWT

0° Aiming Angle

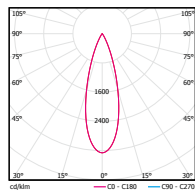
D(M)	LUX	W	L
1	29811	0.31	0.31
2	7453	0.62	0.62
3	3312	0.93	0.93
4	1863	1.24	1.24



SDL52-LM40E-230SWT

0° Aiming Angle

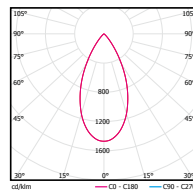
D(M)	LUX	W	L
1	18339	0.42	0.42
2	4585	0.84	0.84
3	2038	1.26	1.26
4	1146	1.68	1.68



SDL52-LM40E-330SWT

0° Aiming Angle

D(M)	LUX	W	L
1	12694	0.55	0.55
2	3174	1.10	1.10
3	1410	1.65	1.65
4	793	2.20	2.20



SDL52-LM40E-530SWT

0° Aiming Angle

D(M)	LUX	W	L
1	4933	0.92	0.92
2	1233	1.84	1.84
3	548	2.76	2.76
4	308	3.68	3.68

Accessories

Lenses/Filters

Model	Beam Elongator (CLASS I)	Honeycomb (CLASS I)
SDL22	LENS-SDL22-BEM	LENS-SDL22-HCM
SDL32	LENS-SDL32-BEM	LENS-SDL32-HCM
SDL42	LENS-SDL42-BEM	LENS-SDL42-HCM
SDL52	LENS-SDL52-BEM	LENS-SDL52-HCM

Note: Only one piece accessory allowed and need to order separately

LINEAR LUMINAIRES



LIGNE PRO PENDANT

LIGNE PRO UP AND DOWN PANEL
LIGNE PRO UP AND DOWN LOUVER

196

197
199



LIGNE PRO RECESSED

LIGNE PRO DOWNLIGHTS
LIGNE PRO GRAZE
LIGNE PRO WALL WASHER
LIGNE PRO LARGE DOWNLIGHT TRIM
LIGNE PRO LARGE DOWNLIGHT TRIMLESS
LIGNE PRO LARGE DIRECTIONAL TRIM
LIGNE PRO LARGE DIRECTIONAL TRIMLESS
LIGNE PRO LARGE WALL WASHER TRIM
LIGNE PRO LARGE WALL WASHER TRIMLESS

203
207
211
215
219
223
227
231
235

202



LIGNE PRO CEILING

LIGNE PRO GRAZE

240

241



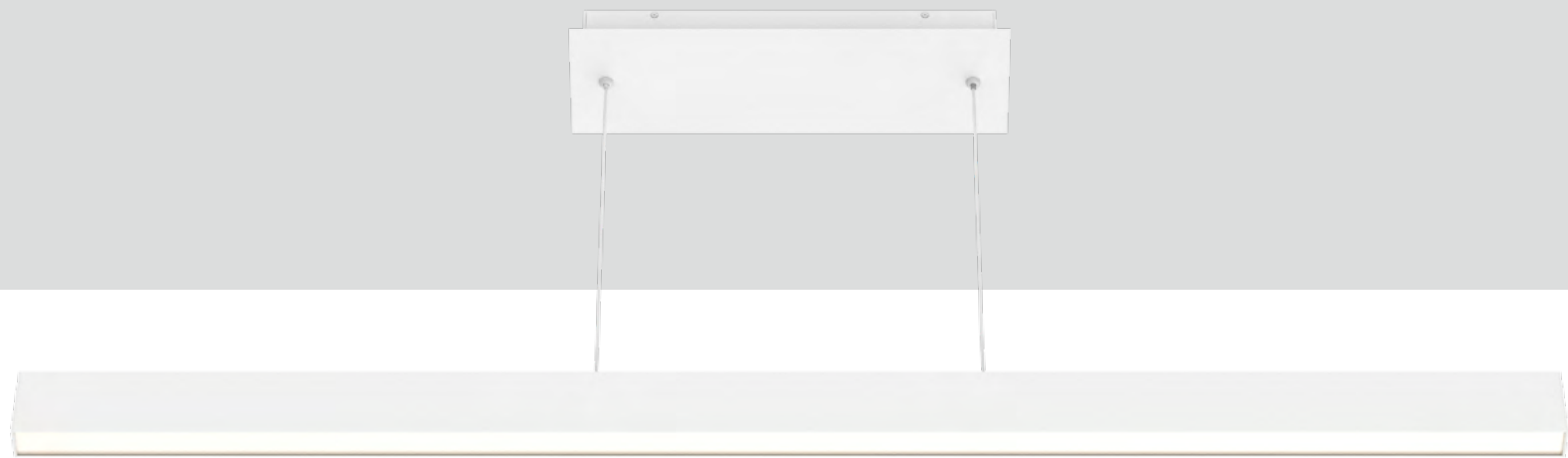
LIGNE II

LIGNE II PANEL
LIGNE II LOUVER

244

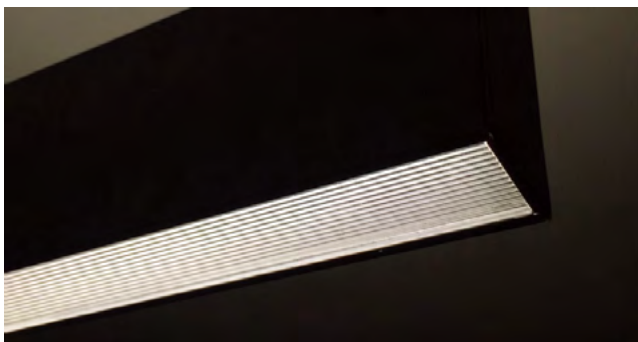
245
253



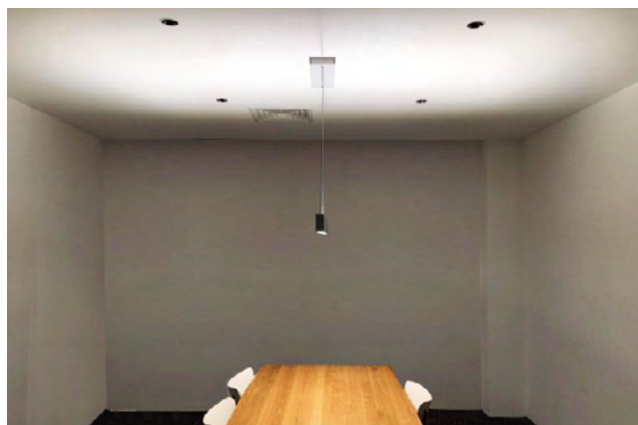


LIGNE PRO PENDANT

LIGNEAR



- Unique face-illuminated structure with anti-glare function



- Upward and downward illuminations available for more scenarios

LIGNE PRO UP AND DOWN PANEL



LLBPX-LD50



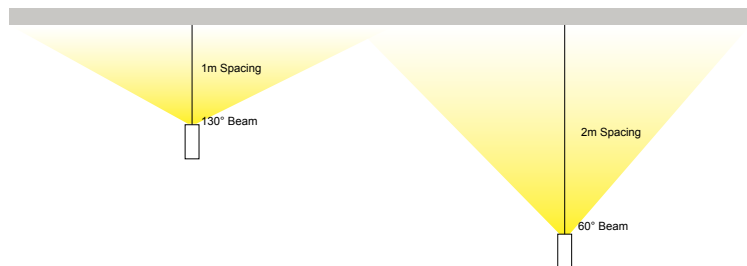
LLBPE-LD64

Specifications



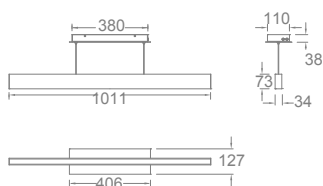
- Body Material: Extruded aluminum
- Optical System: 60°-130° adjustable uplight + high visual comfort downlight with anti-glare panel
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cut Off Angle: 35°
- LED Type: SMD
- LED Wattage, CCT, Lumen Output: 3000K 6000lm 50W
3000K 7680lm 64W
- LED Lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 2.3Kg / 3.0Kg

Product Features/Optics



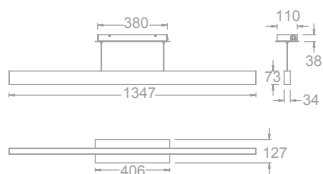
Patented technology enables adjustable beam angles to suit a variety of applications.

Product Parameters



Model	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
LLBPX	LD50 LED 50W	2204lm(@50W 3000K 90° Down) 2305lm(@50W 3000K 130° Up)	D 0-10V Dimming	30 3000K 40 4000K	9 90°	P Panel	WT White BK Black

Example: LLBPX-LD50D-309PWT

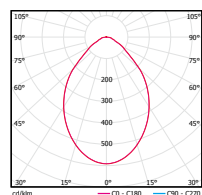


Model	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
LLBPE	LD64 LED 64W	2871lm(@64W 3000K 90° Down) 2815lm(@64W 3000K 60° Up) 2969lm(@64W 3000K 130° Up)	D 0-10V Dimming B Wireless Dimming	30 3000K 40 4000K	9 90°	P Panel	WT White BK Black

Example: LLBPE-LD64B-309PWT

Light Distribution

LLBPX-LD50

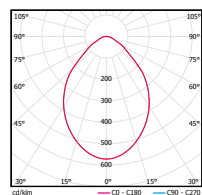


LLBPX-LD50D-309PWT

0° Aiming Angle

D(M)	LUX	W	L
1	1308	1.5	1.8
2	327	2.9	3.5
3	145	4.4	5.3
4	82	5.9	7.0

LLBPE-LD64



LLBPE-LD64B-309PWT

0° Aiming Angle

D(M)	LUX	W	L
1	1646	1.5	2.0
2	412	3.0	3.9
3	183	4.5	5.9
4	103	6.0	7.8

LIGNE PRO UP AND DOWN LOUVER



LLBPE-LD50



LLBPE-LD64

Specifications



IP20



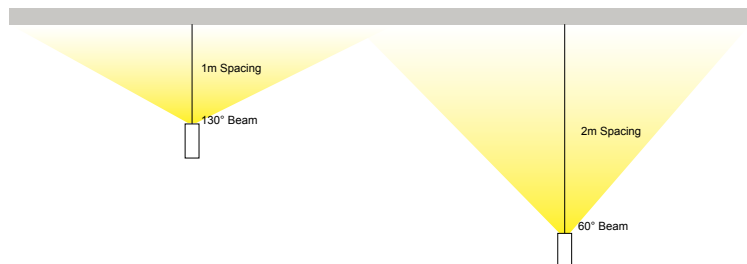
High
CRI



SUBROSA®
Glare-free

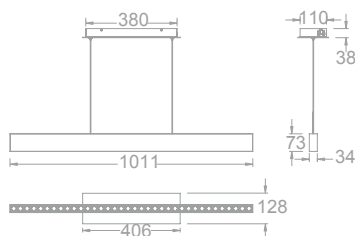
- Body Material: Extruded aluminum
- Optical System: 60°-130° adjustable uplight + high visual comfort downlight with SUBROSA® optical system
- Finish: Environmentally safe powder coat
- LED Type: SMD
- LED Wattage, CCT, Lumen Output: 3000K 6000lm 50W
3000K 7680lm 64W
- LED Lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 3.0Kg / 3.8Kg

Product Features/Optics



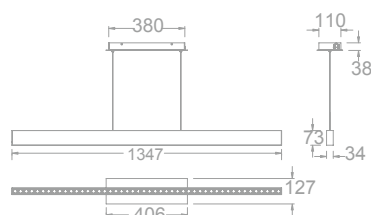
Patented technology enables adjustable beam angles to suit a variety of applications.

Product Parameters



Model	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
LLBPX	LD50 LED 50W	1655lm(@50W 3000K 60° Down) 2305lm(@50W 3000K 130° Up)	D 0-10V Dimming	30 3000K 40 4000K	6 60°	B Black	WT White BK Black

Example: LLBPX-LD50D-306BWT

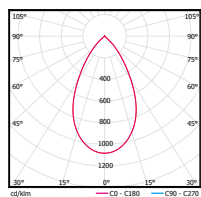


Model	LED Power	System Lumens	Driver	CCT	Beam	Reflector	Finish
LLBPE	LD64 LED 64W	2315lm(@64W 3000K 60° Down) 2815lm(@64W 3000K 60° Up) 2969lm(@64W 3000K 130° Up)	D 0-10V Dimming B Wireless Dimming	30 3000K 40 4000K	6 60°	B Black	WT White BK Black

Example: LLBPE-LD64D-309BWT

Light Distribution

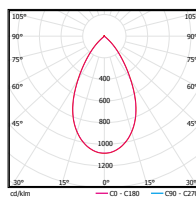
LLBPX-LD50



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

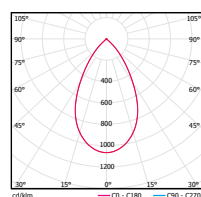


LLBPX-LD50D-406BWT

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

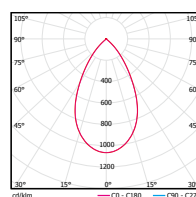
LLBPE-LD64



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



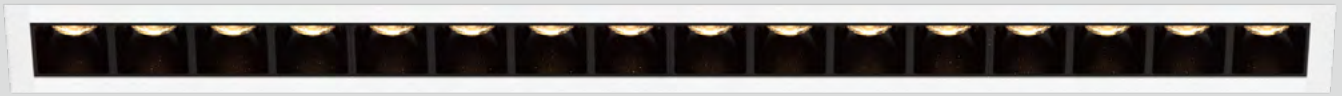
LLBPE-LD64B-406BWT

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



The G Shenzhen, A Tribute Portfolio Hotel
Shenzhen, Guangdong Province, China



LIGNE PRO RECESSED

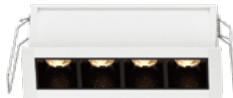
The flexible LIGNE PRO offers a wide range of downlights and extruded aluminum profiles and high transparent matte acrylic lenses. Recessed mounting is suitable for a 1-25mm ceiling thickness. These recessed luminaires use a proprietary advanced LED technology for energy efficacy and durable service life. The advanced SUBROSA® patented optical system ensures glare-free illumination.

LIGNEAR

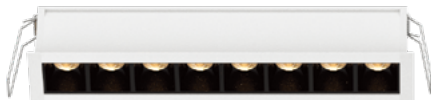
LIGNE PRO DOWNLIGHTS



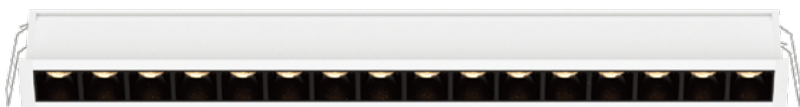
OR145DT-02



OR145DT-08

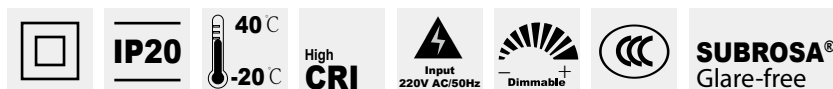


OR145DT-16



OR145DT-32

Specifications



- Body Material: Extruded aluminum
- Optical System: Clear Lens included+ SUBROSA®Optical System
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 39mm / □ 124mm / □ 236mm / □ 460mm x 39mm
- Ceiling Thickness: 1mm-25mm
- Cut Off Angle: 35°
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
 - OR145DT-02 3000K: 250lm 2W
 - OR145DT-08 3000K: 1000lm 8W
 - OR145DT-16 3000K: 2000lm 16W
 - OR145DT-32 3000K: 4000lm 32W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.15Kg / 0.45Kg / 0.6Kg / 1.1Kg

Product Features/Optics

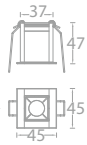


1 15°

2 28°

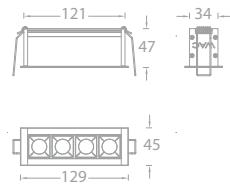
3 36°

Product Parameters



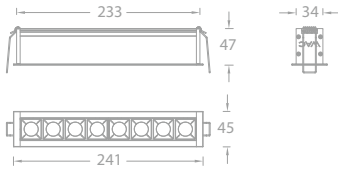
Model	Model	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR145	DT DownlightTrim	02 2W	132lm(@2W 3000K 15°) 116lm(@2W 3000K 28°) 116lm(@2W 3000K 36°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black
					2 28°			
					3 36°			

Example: OR145DT-02E-140BWT



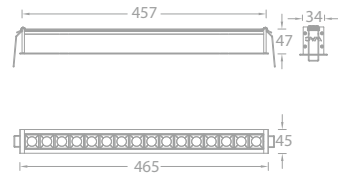
Model	Model	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR145	DT DownlightTrim	08 8W	452lm(@8W 3000K 15°) 437lm(@8W 3000K 28°) 434lm(@8W 3000K 36°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black
					2 28°			
					3 36°			

Example: OR145DT-08E-140BWT



Model	Model	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR145	DT DownlightTrim	16 16W	928lm(@16W 3000K 15°) 899lm(@16W 3000K 26°) 901lm(@16W 3000K 36°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black
					2 28°			
					3 36°			

Example: OR145DT-16E-140BWT

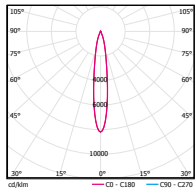


Model	Model	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR145	DT DownlightTrim	32 32W	1921lm(@32W 3000K 15°) 1796lm(@32W 3000K 26°) 1733lm(@32W 3000K 36°)	E ON-OFF D 0-10V Dimming	1 15°	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black
					2 28°			
					3 36°			

Example: OR145DT-32E-140BWT

Light Distribution

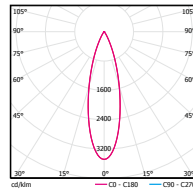
OR145DT-02



OR145DT-02E-130BWT

0° Aiming Angle

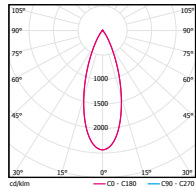
D(M)	LUX	W	L
1	1169	0.3	0.3
2	292	0.5	0.5
3	130	0.8	0.8
4	73	1.1	1.1



OR145DT-02E-230BWT

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

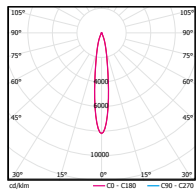


OR145DT-02E-330BWT

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

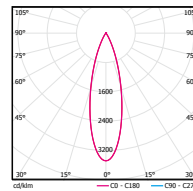
OR145DT-08



OR145DT-08E-130BWT

0° Aiming Angle

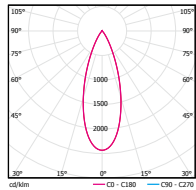
D(M)	LUX	W	L
1	3742	0.3	0.3
2	936	0.5	0.5
3	416	0.8	0.8
4	234	1.1	1.1



OR145DT-08E-230BWT

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

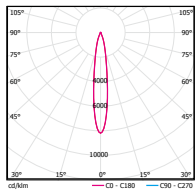


OR145DT-08E-330BWT

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

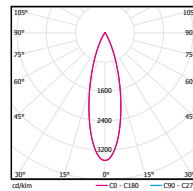
OR145DT-16



OR145DT-16E-130BWT

0° Aiming Angle

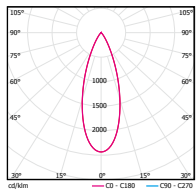
D(M)	LUX	W	L
1	7910	0.3	0.3
2	1978	0.5	0.5
3	879	0.8	0.8
4	494	1.1	1.1



OR145DT-16E-230BWT

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

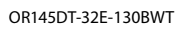


OR145DT-16E-330BWT

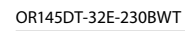
0° Aiming Angle

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

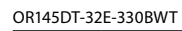
OR145DT-32



D(M)	LUX	W	L
1	15912	0.3	0.3
2	3978	0.5	0.5
3	1768	0.8	0.8
4	995	1.1	1.1

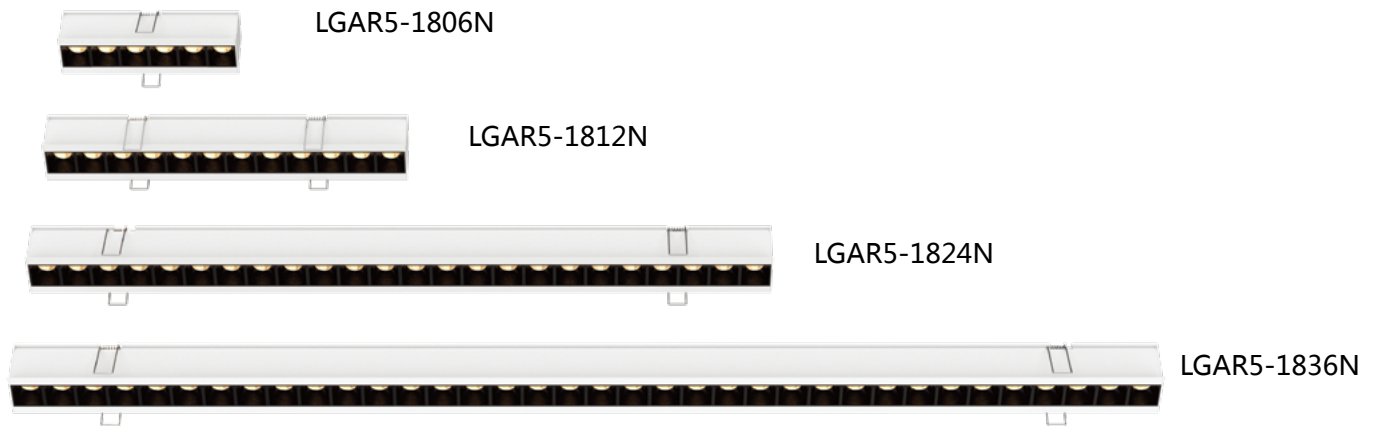


D(M)	LUX	W	L
1	5901	0.5	0.5
2	1475	1.0	1.0
3	656	1.5	1.5
4	369	2.0	2.0



D(M)	LUX	W	L
1	4033	0.6	0.6
2	1008	1.3	1.3
3	448	1.9	1.9
4	252	2.6	2.6

LIGNE PRO GRAZE

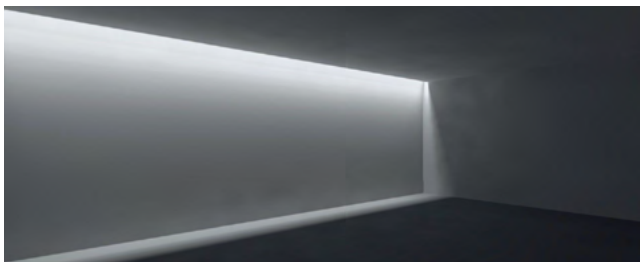


Specifications



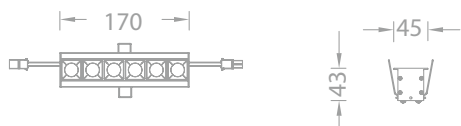
- Body Material: Extruded aluminum
- Optical System: Clear Lens included+ SUBROSA®Optical System
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: Width 37mm
- Ceiling Thickness: 1mm-25mm
- Cut Off Angle: 35°
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output: 3000K 1600lm 18W/m
3000K 2600lm 30W/m
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 1.3Kg/m

Product Features/Optics



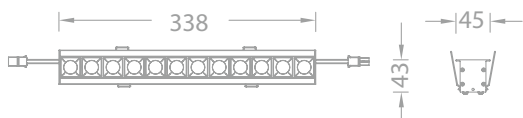
LIGNE PRO GRAZE 18W/m Linear Luminaire used for a 4.5m high wall

Product Parameters



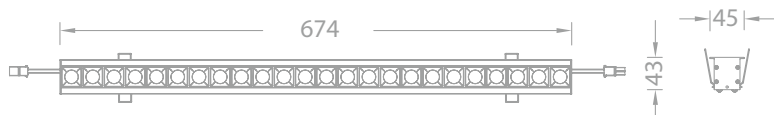
Model	LED Power	LED Num.	Length	System Lumens	Driver	Beam	CCT	Reflector	Finish
LGAR5	18 30 18W/m 30W/m	06 6pcs	170mm	1178lm(@18W/m 3000K 16°) 1210lm(@18W/m 3000K 22°) 1213lm(@18W/m 3000K 33°) 940lm(@18W/m 3000K 44°) 1002lm(@18W/m 3000K 22° x 44°) 1840lm(@30W/m 3000K 16°) 1891lm(@30W/m 3000K 22°) 1895lm(@30W/m 3000K 33°) 1469lm(@30W/m 3000K 44°) 156lm(@30W/m 3000K 22° x 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

Example: LGAR5-3006N-230BWT



Model	LED Power	LED Num.	Length	System Lumens	Driver	Beam	CCT	Reflector	Finish
LGAR5	18 30 18W/m 30W/m	12 12pcs	338mm	1178lm(@18W/m 3000K 16°) 1210lm(@18W/m 3000K 22°) 1213lm(@18W/m 3000K 33°) 940lm(@18W/m 3000K 44°) 1002lm(@18W/m 3000K 22° x 44°) 1840lm(@30W/m 3000K 16°) 1891lm(@30W/m 3000K 22°) 1895lm(@30W/m 3000K 33°) 1469lm(@30W/m 3000K 44°) 156lm(@30W/m 3000K 22° x 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

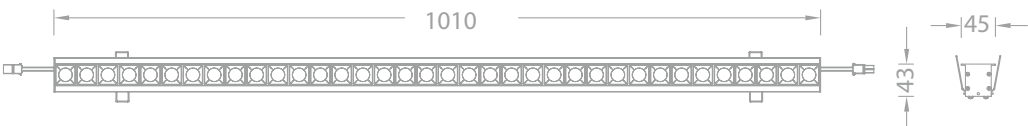
Example: LGAR5-3012N-230BWT



Model	LED Power	LED Num.	Length	System Lumens	Driver	Beam	CCT	Reflector	Finish
LGAR5	18 30 18W/m 30W/m	24 24pcs	674mm	1178lm(@18W/m 3000K 16°) 1210lm(@18W/m 3000K 22°) 1213lm(@18W/m 3000K 33°) 940lm(@18W/m 3000K 44°) 1002lm(@18W/m 3000K 22° x 44°) 1840lm(@30W/m 3000K 16°) 1891lm(@30W/m 3000K 22°) 1895lm(@30W/m 3000K 33°) 1469lm(@30W/m 3000K 44°) 156lm(@30W/m 3000K 22° x 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

Example: LGAR5-3024N-230BWT

Product Parameters



Model	LED Power		LED Num.		Length	System Lumens	Driver	Beam	CCT	Reflector	Finish	
LGAR5	18	18W/m	36	36pcs	1010mm	1178lm(@18W/m 3000K 16°)	N No driver	E 22° x 44°	27 2700K	B Black	WT White	
	30	30W/m				1210lm(@18W/m 3000K 22°)		1 16°				30 3000K
						1213lm(@18W/m 3000K 33°)		2 22°				
						940lm(@18W/m 3000K 44°)		3 33°				
						1002lm(@18W/m 3000K 22° x 44°)		4 44°				
						1840lm(@30W/m 3000K 16°)						
						1891lm(@30W/m 3000K 22°)						
						1895lm(@30W/m 3000K 33°)						
						1469lm(@30W/m 3000K 44°)						
						156lm(@30W/m 3000K 22° x 44°)						
											BK Black	

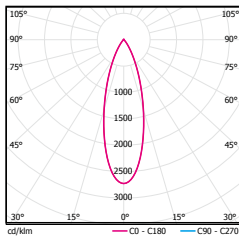
Example: LGAR5-3036N-230BWT

Light Distribution

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	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



Chengdu Science Fiction Museum
Chengdu, Sichuan Province, China

LIGNE PRO WALL WASHER



OR145WT-08



OR145WT-16



OR145WT-32

Specifications



IP20

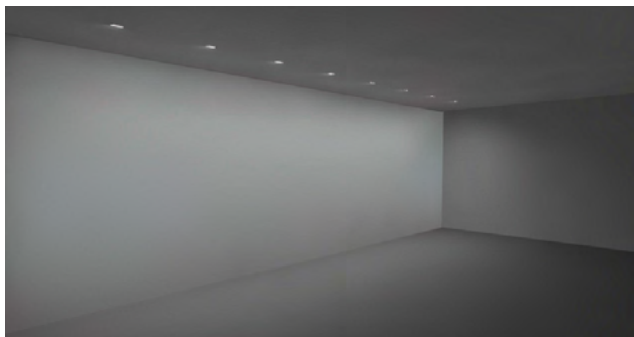


High CRI



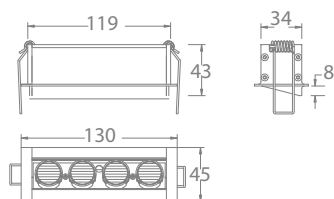
- Body Material: Extruded aluminum
- Optical System: Clear Lens included
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 124mm / □ 236mm / □ 460mm x 38mm
- Ceiling Thickness: 5mm-25mm
- Cut Off Angle: 35°
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
 - OR145WT-08 3000K: 1000lm 8W
 - OR145WT-16 3000K: 2000lm 16W
 - OR145WT-32 3000K: 4000lm 32W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.45Kg / 0.6Kg / 1.1Kg

Product Features/Optics



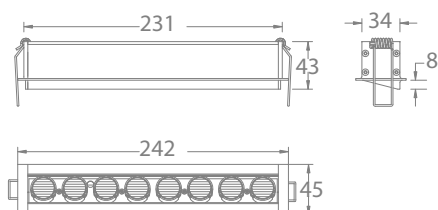
Lighting simulation with LIGNE PRO Wall Washer

Product Parameters



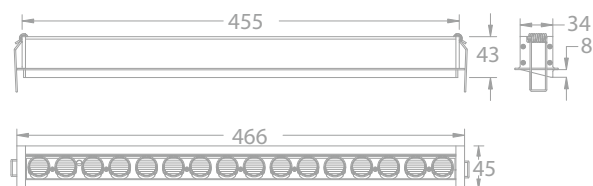
Model	Model	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR145	WT Wall Washer Trim	08 8W	414lm(@8W 3000K)	E ON-OFF D 0-10V Dimming	W Wall Washer	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black

Example: OR145WT-08E-W40BWT



Model	Model	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR145	WT Wall Washer Trim	16 16W	866lm(@16W 3000K)	E ON-OFF D 0-10V Dimming	W Wall Washer	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black

Example: OR145WT-16E-W40BWT



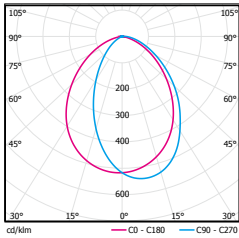
Model	Model	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR145	WT Wall Washer Trim	32 32W	866lm(@16W 3000K)	E ON-OFF D 0-10V Dimming	W Wall Washer	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black

Example: OR145WT-32E-W40BWT

Light Distribution

OR145WT-08E-W30BBK

Specifications :
Wall height (m): 3.0
Offset from wall (m): 0.6
Luminaire spacing (m): 0.6



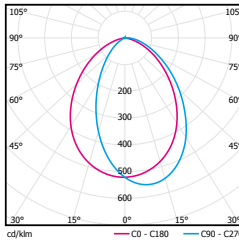
H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.85	103	105	104	105	102
2.55	189	192	193	191	187
2.25	167	171	173	171	166
1.95	125	130	131	129	124
1.65	90	94	95	94	89
1.35	61	64	65	64	61
1.05	46	48	48	47	45
0.75	35	36	37	36	35
0.45	25	26	27	26	25
0.15	21	21	21	21	20

Specifications :
Wall height (m): 3.0
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	29	29	29	29	28
2.55	53	55	54	54	53
2.25	70	71	71	70	69
1.95	69	70	70	70	68
1.65	61	62	63	62	60
1.35	50	51	52	51	49
1.05	42	43	44	43	41
0.75	35	36	36	36	34
0.45	27	29	29	28	27
0.15	23	24	24	24	23

OR145WT-16E-W30BBK

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

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	32	32	32	32	32
3.825	54	55	55	55	54
3.375	69	70	70	70	69
2.925	68	69	70	69	68
2.475	61	63	63	63	61
2.025	51	53	53	53	51
1.575	44	45	46	45	44
1.125	37	38	39	38	37
0.675	30	31	32	31	30
0.225	26	27	27	27	26

Light Distribution

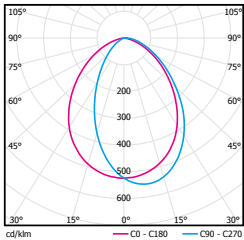
OR145WT-32E-W30BBK

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

Specifications:

Wall height (m): 6

Offset from wall (m): 2

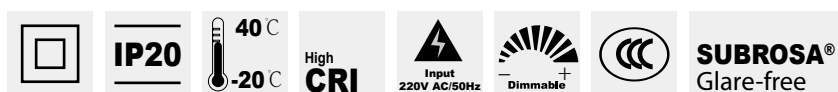
Luminaire spacing (m): 2

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
5.7	47	47	47	47	47
5.1	74	73	73	73	74
4.5	95	95	95	95	95
3.9	96	96	97	96	96
3.3	87	88	89	88	87
2.7	74	75	76	75	74
2.1	65	66	66	66	64
1.5	56	57	58	57	56
0.9	46	47	48	47	46
0.3	45	46	47	46	45

LIGNE PRO LARGE DOWNLIGHT TRIM

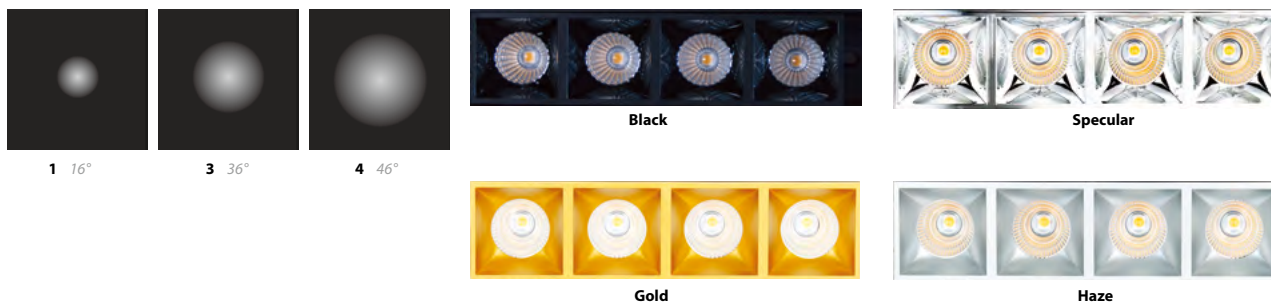


Specifications

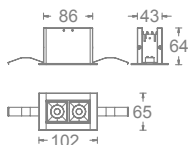


- Body Material: Extruded aluminum
- Optical System: SUBROSA® Optical System
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 91mm / □ 167mm / □ 320mm / □ 469mm x 48mm
- Ceiling Thickness: 5mm-25mm
- Cut Off Angle: 40°
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
 - OR165DT-06 3000K: 750lm 6W
 - OR165DT-11 3000K: 1375lm 11W
 - OR165DT-22 3000K: 2750lm 22W
 - OR165DT-32 3000K: 4000lm 32W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.32Kg / 0.52Kg / 0.92Kg / 1.3Kg

Product Features/Optics

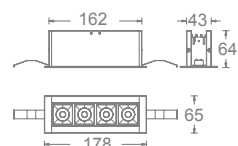


Product Parameters



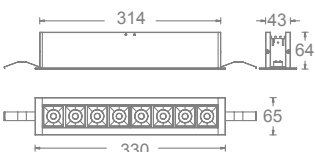
Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR165	DT Downlight Trim	06 LED 06W	612lm(@6W 3000K 16°) 612lm(@6W 3000K 36°) 612lm(@6W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: :OR165DT-06E-140BWT



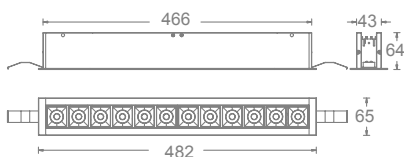
Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR165	DT Downlight Trim	11 LED 11W	1227lm(@11W 3000K 16°) 1231lm(@11W 3000K 36°) 1240lm(@11W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR165DT-11E-140BWT



Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR165	DT Downlight Trim	22 LED 22W	2418lm(@22W 3000K 16°) 2395lm(@22W 3000K 36°) 2414lm(@22W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR165DT-22E-140BWT

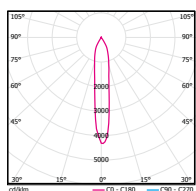


Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR165	DT Downlight Trim	32 LED 32W	3706lm(@32W 3000K 16°) 3723lm(@32W 3000K 36°) 3737lm(@32W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR165DT-32E-140BWT

Light Distribution

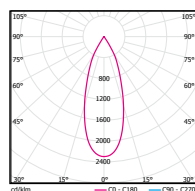
OR165DT-06



OR165DT-06E-140BWT

0° Aiming Angle

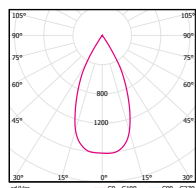
D(M)	LUX	W	L
1	2865	0.3	0.3
2	716	0.6	0.6
3	318	0.8	0.8
4	179	1.1	1.1



OR165DT-06E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	1419	0.7	0.7
2	355	1.3	1.3
3	158	2.0	2.0
4	89	2.6	2.6

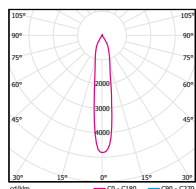


OR165DT-06E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	1039	0.9	0.9
2	260	1.8	1.8
3	115	2.7	2.7
4	65	3.5	3.5

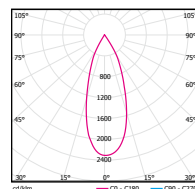
OR165DT-11



OR165DT-11E-140BWT

0° Aiming Angle

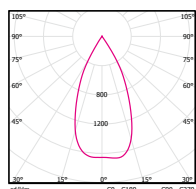
D(M)	LUX	W	L
1	5950	0.3	0.3
2	1488	0.6	0.6
3	661	0.8	0.8
4	372	1.1	1.1



OR165DT-11E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	2848	0.7	0.7
2	712	1.3	1.3
3	316	2.0	2.0
4	178	2.6	2.6

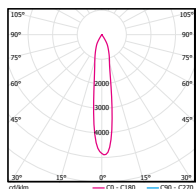


OR165DT-11E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	2094	0.9	0.9
2	524	1.8	1.8
3	233	2.7	2.7
4	131	3.5	3.5

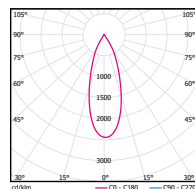
OR165DT-22



OR165DT-22E-140BWT

0° Aiming Angle

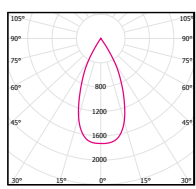
D(M)	LUX	W	L
1	11825	0.3	0.3
2	2956	0.6	0.6
3	1314	0.8	0.8
4	739	1.1	1.1



OR165DT-22E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	6016	0.7	0.7
2	1504	1.3	1.3
3	668	2.0	2.0
4	376	2.6	2.6

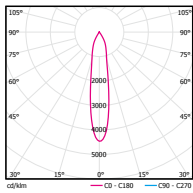


OR165DT-22E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	4450	0.9	0.9
2	1113	1.8	1.8
3	494	2.7	2.7
4	278	3.5	3.5

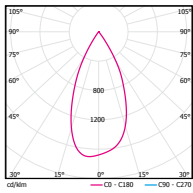
OR165DT-32



OR165DT-32E-140BWT

0° Aiming Angle

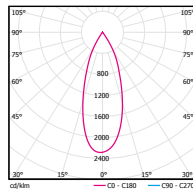
D(M)	LUX	W	L
1	16833	0.3	0.3
2	4208	0.6	0.6
3	1870	0.8	0.8
4	1052	1.1	1.1



OR165DT-32E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	6452	0.9	0.9
2	1613	1.8	1.8
3	717	2.7	2.7
4	403	3.5	3.5



OR165DT-32E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	8520	0.7	0.7
2	2130	1.3	1.3
3	947	2.0	2.0
4	533	2.6	2.6

LIGNE PRO LARGE DOWNLIGHT TRIMLESS



OR140DL-06



OR140DL-11



OR140DL-22



OR140DL-32

Specifications



- Body Material: Extruded aluminum
- Optical System: SUBROSA® Optical System
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 95mm / □ 171mm / □ 323mm / □ 473mm x 52mm
- Ceiling Thickness: 5mm-25mm
- Cut Off Angle: 40°
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
 - OR140DL-06 3000K: 750lm 6W
 - OR140DL-11 3000K: 1375lm 11W
 - OR140DL-22 3000K: 2750lm 22W
 - OR140DL-32 3000K: 4000lm 32W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.22Kg / 0.38Kg / 0.72Kg / 1.04Kg

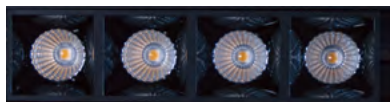
Product Features/Optics



1 16°

3 36°

4 46°



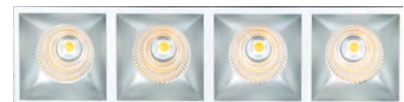
Black



Specular

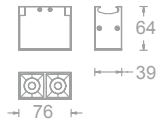


Gold



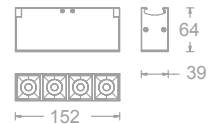
Haze

Product Parameters



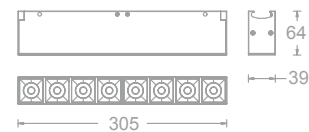
Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR140	DL Downlight Trimless	06 LED 06W	612lm(@6W 3000K 16°) 612lm(@6W 3000K 36°) 612lm(@6W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: :OR140DL-06E-140BWT



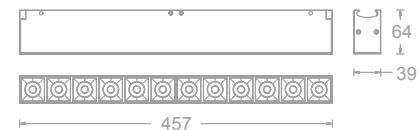
Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR140	DL Downlight Trimless	11 LED 11W	1227lm(@11W 3000K 16°) 1231lm(@11W 3000K 36°) 1240lm(@11W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR140DL-11E-140BWT



Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR140	DL Downlight Trimless	22 LED 22W	2418lm(@22W 3000K 16°) 2395lm(@22W 3000K 36°) 2414lm(@22W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR140DL-22E-140BWT

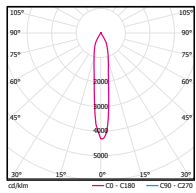


Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR140	DL Downlight Trimless	32 LED 32W	3706lm(@32W 3000K 16°) 3723lm(@32W 3000K 36°) 3737lm(@32W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR140DL-32E-140BWT

Light Distribution

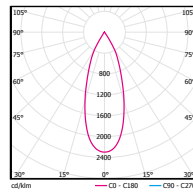
OR140DL-06



OR140DL-06E-140BWT

0° Aiming Angle

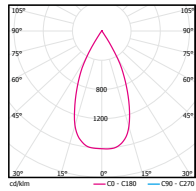
D(M)	LUX	W	L
1	2865	0.3	0.3
2	716	0.6	0.6
3	318	0.8	0.8
4	179	1.1	1.1



OR140DL-06E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	1419	0.7	0.7
2	355	1.3	1.3
3	158	2.0	2.0
4	89	2.6	2.6

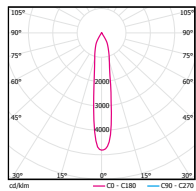


OR140DL-06E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	1039	0.9	0.9
2	260	1.8	1.8
3	115	2.7	2.7
4	65	3.5	3.5

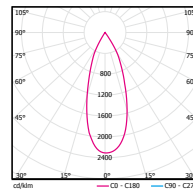
OR140DL-11



OR140DL-11E-140BWT

0° Aiming Angle

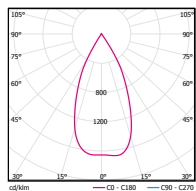
D(M)	LUX	W	L
1	5950	0.3	0.3
2	1488	0.6	0.6
3	661	0.8	0.8
4	372	1.1	1.1



OR140DL-11E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	2848	0.7	0.7
2	712	1.3	1.3
3	316	2.0	2.0
4	178	2.6	2.6

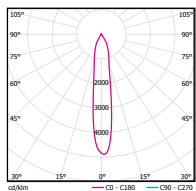


OR140DL-11E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	2094	0.9	0.9
2	524	1.8	1.8
3	233	2.7	2.7
4	131	3.5	3.5

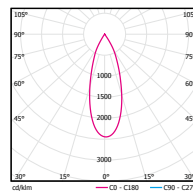
OR140DL-22



OR140DL-22E-140BWT

0° Aiming Angle

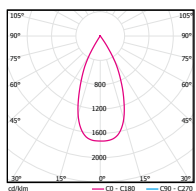
D(M)	LUX	W	L
1	11825	0.3	0.3
2	2956	0.6	0.6
3	1314	0.8	0.8
4	739	1.1	1.1



OR140DL-22E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	6016	0.7	0.7
2	1504	1.3	1.3
3	668	2.0	2.0
4	376	2.6	2.6



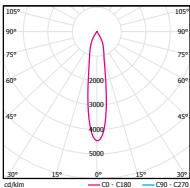
OR140DL-22E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	4450	0.9	0.9
2	1113	1.8	1.8
3	494	2.7	2.7
4	278	3.5	3.5

Light Distribution

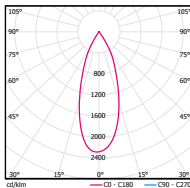
OR140DL-32



OR140DL-32E-140BWT

0° Aiming Angle

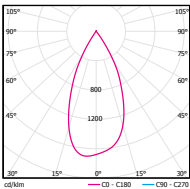
D(M)	LUX	W	L
1	16833	0.3	0.3
2	4208	0.6	0.6
3	1870	0.8	0.8
4	1052	1.1	1.1



OR140DL-32E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	8520	0.7	0.7
2	2130	1.3	1.3
3	947	2.0	2.0
4	533	2.6	2.6



OR140DL-32E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	6452	0.9	0.9
2	1613	1.8	1.8
3	717	2.7	2.7
4	403	3.5	3.5

Accessories

Model	Description	Picture	Drawing
OR140DL-RC002	2-head Embedded Parts		
OR140DL-RC004	4-head Embedded Parts		
OR140DL-RC008	8-head Embedded Parts		
OR140DL-RC012	12-head Embedded Parts		

LINEAR

LIGNE PRO LARGE DIRECTIONAL TRIM



OR175AT-06



OR175AT-11



OR175AT-22



OR175AT-32

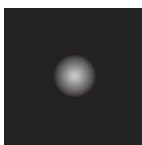
Specifications



SUBROSA®
Glare-free

- Body Material: Extruded aluminum
- Optical System: SUBROSA® Optical System
- Finish: Environmentally safe powder coat
- Adjustable Angle: +/-35° vertical aiming tile
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 103mm / □ 180mm / □ 332mm / □ 486mmx 59mm
- Ceiling Thickness: 5mm-25mm
- Cut Off Angle: 40°
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
 - OR175AT-06 3000K: 750lm 6W
 - OR175AT-11 3000K: 1375lm 11W
 - OR175AT-22 3000K: 2750lm 22W
 - OR175AT-32 3000K: 4000lm 32W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.55Kg / 0.79Kg / 1.24Kg / 1.29Kg

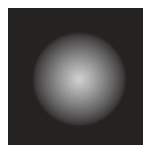
Product Features/Optics



1 16°



3 36°



4 46°



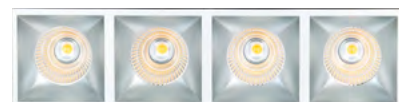
Black



Specular

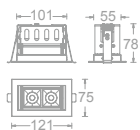


Gold



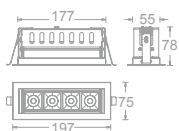
Haze

Product Parameters



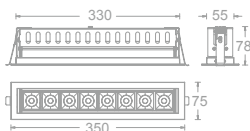
Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR175	AT Adjustable Trim	06 LED 06W	612lm(@6W 3000K 16°) 612lm(@6W 3000K 36°) 612lm(@6W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: :OR175AT-06E-140BWT



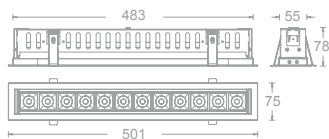
Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR175	AT Adjustable Trim	11 LED 11W	1227lm(@11W 3000K 16°) 1231lm(@11W 3000K 36°) 1240lm(@11W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR175AT-11E-140BWT



Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR175	AT Adjustable Trim	22 LED 22W	2418lm(@22W 3000K 16°) 2395lm(@22W 3000K 36°) 2414lm(@22W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR175AT-22E-140BWT

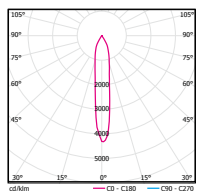


Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR175	AT Adjustable Trim	32 LED 32W	3706lm(@32W 3000K 16°) 3723lm(@32W 3000K 36°) 3737lm(@32W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR175AT-32E-140BWT

Light Distribution

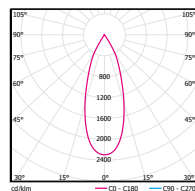
OR175AT-06



OR175AT-06E-140BWT

0° Aiming Angle

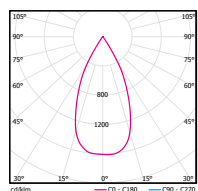
D(M)	LUX	W	L
1	2865	0.3	0.3
2	716	0.6	0.6
3	318	0.8	0.8
4	179	1.1	1.1



OR175AT-06E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	1419	0.7	0.7
2	355	1.3	1.3
3	158	2.0	2.0
4	89	2.6	2.6

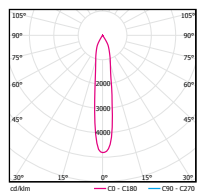


OR175AT-06E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	1039	0.9	0.9
2	260	1.8	1.8
3	115	2.7	2.7
4	65	3.5	3.5

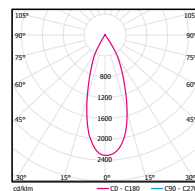
OR175AT-11



OR175AT-11E-140BWT

0° Aiming Angle

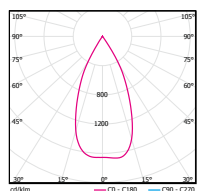
D(M)	LUX	W	L
1	5950	0.3	0.3
2	1488	0.6	0.6
3	661	0.8	0.8
4	372	1.1	1.1



OR175AT-11E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	2848	0.7	0.7
2	712	1.3	1.3
3	316	2.0	2.0
4	178	2.6	2.6

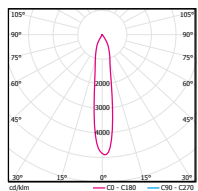


OR175AT-11E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	2094	0.9	0.9
2	524	1.8	1.8
3	233	2.7	2.7
4	131	3.5	3.5

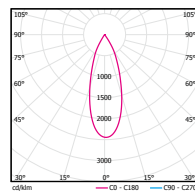
OR175AT-22



OR175AT-22E-140BWT

0° Aiming Angle

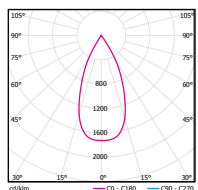
D(M)	LUX	W	L
1	11825	0.3	0.3
2	2956	0.6	0.6
3	1314	0.8	0.8
4	739	1.1	1.1



OR175AT-22E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	6016	0.7	0.7
2	1504	1.3	1.3
3	668	2.0	2.0
4	376	2.6	2.6

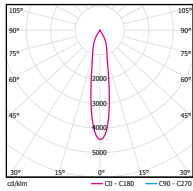


OR175AT-22E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	4450	0.9	0.9
2	1113	1.8	1.8
3	494	2.7	2.7
4	278	3.5	3.5

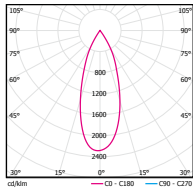
OR175AT-32



OR175AT-32E-140BWT

0° Aiming Angle

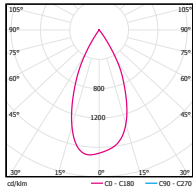
D(M)	LUX	W	L
1	16833	0.3	0.3
2	4208	0.6	0.6
3	1870	0.8	0.8
4	1052	1.1	1.1



OR175AT-32E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	8520	0.7	0.7
2	2130	1.3	1.3
3	947	2.0	2.0
4	533	2.6	2.6



OR175AT-32E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	6452	0.9	0.9
2	1613	1.8	1.8
3	717	2.7	2.7
4	403	3.5	3.5

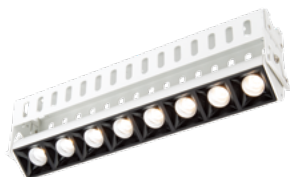
LIGNE PRO LARGE DIRECTIONAL TRIMLESS



OR150AL-06



OR150AL-11



OR150AL-22



OR150AL-32

Specifications



IP20



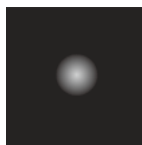
High CRI



SUBROSA®
Glare-free

- Body Material: Extruded aluminum
- Optical System: SUBROSA® Optical System
- Finish: Environmentally safe powder coat
- Adjustable Angle: +/-35° vertical aiming tile
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 106mm / □ 183mm / □ 336mm / □ 490mm x 63mm
- Ceiling Thickness: 5mm-25mm
- Cut Off Angle: 40°
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
 - OR150AL-06 3000K: 750lm 6W
 - OR150AL-11 3000K: 1375lm 11W
 - OR150AL-22 3000K: 2750lm 22W
 - OR150AL-32 3000K: 4000lm 32W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.43Kg / 0.58Kg / 0.92Kg / 1.23Kg

Product Features/Optics



1 16°



3 36°



4 46°



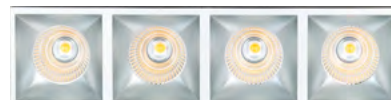
Black



Specular

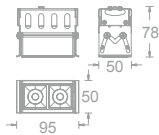


Gold



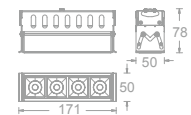
Haze

Product Parameters



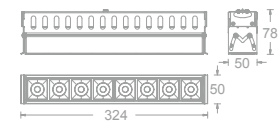
Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR150	AL Adjustable Trimless	06 LED 06W	612lm(@6W 3000K 16°) 612lm(@6W 3000K 36°) 612lm(@6W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: :OR150AL-06E-140BWT



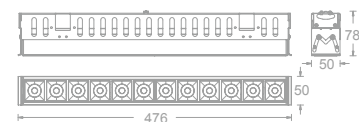
Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR150	AL Adjustable Trimless	11 LED 11W	1227lm(@11W 3000K 16°) 1231lm(@11W 3000K 36°) 1240lm(@11W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR150AL-11E-140BWT



Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR150	AL Adjustable Trimless	22 LED 22W	2418lm(@22W 3000K 16°) 2395lm(@22W 3000K 36°) 2414lm(@22W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR150AL-22E-140BWT



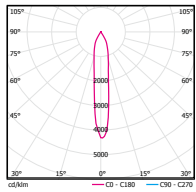
Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR150	AL Adjustable Trimless	32 LED 32W	3706lm(@32W 3000K 16°) 3723lm(@32W 3000K 36°) 3737lm(@32W 3000K 46°)	E ON-OFF D 0-10V Dimming	1 16° 3 36° 4 46°	27 2700K 30 3000K 35 3500K 40 4000K	B Black S Specular G Gold H Haze	WT White BK Black

Example: OR150AL-32E-140BWT

Light Distribution

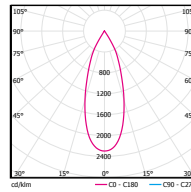
OR150AL-06

OR150AL-06E-140BWT



0° Aiming Angle

D(M)	LUX	W	L
1	2865	0.3	0.3
2	716	0.6	0.6
3	318	0.8	0.8
4	179	1.1	1.1

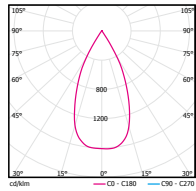


OR150AL-06E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	1419	0.7	0.7
2	355	1.3	1.3
3	158	2.0	2.0
4	89	2.6	2.6

OR150AL-06E-440BWT

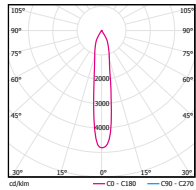


0° Aiming Angle

D(M)	LUX	W	L
1	1039	0.9	0.9
2	260	1.8	1.8
3	115	2.7	2.7
4	65	3.5	3.5

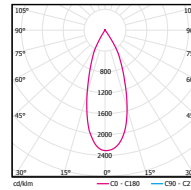
OR150AL-11

OR150AL-11E-140BWT



0° Aiming Angle

D(M)	LUX	W	L
1	5950	0.3	0.3
2	1488	0.6	0.6
3	661	0.8	0.8
4	372	1.1	1.1

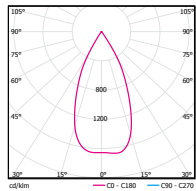


OR150AL-11E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	2848	0.7	0.7
2	712	1.3	1.3
3	316	2.0	2.0
4	178	2.6	2.6

OR150AL-11E-440BWT

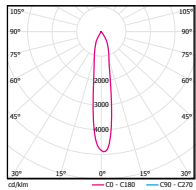


0° Aiming Angle

D(M)	LUX	W	L
1	2094	0.9	0.9
2	524	1.8	1.8
3	233	2.7	2.7
4	131	3.5	3.5

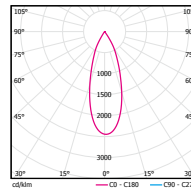
OR150AL-22

OR150AL-22E-140BWT



0° Aiming Angle

D(M)	LUX	W	L
1	11825	0.3	0.3
2	2956	0.6	0.6
3	1314	0.8	0.8
4	739	1.1	1.1

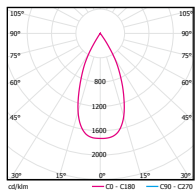


OR150AL-22E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	6016	0.7	0.7
2	1504	1.3	1.3
3	668	2.0	2.0
4	376	2.6	2.6

OR150AL-22E-440BWT

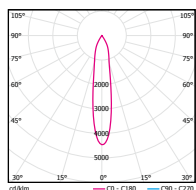


0° Aiming Angle

D(M)	LUX	W	L
1	4450	0.9	0.9
2	1113	1.8	1.8
3	494	2.7	2.7
4	278	3.5	3.5

Light Distribution

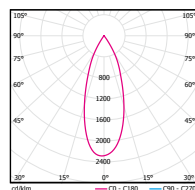
OR150AL-32



OR150AL-32E-140BWT

0° Aiming Angle

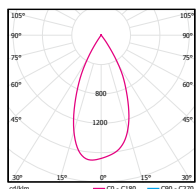
D(M)	LUX	W	L
1	16833	0.3	0.3
2	4208	0.6	0.6
3	1870	0.8	0.8
4	1052	1.1	1.1



OR150AL-32E-340BWT

0° Aiming Angle

D(M)	LUX	W	L
1	8520	0.7	0.7
2	2130	1.3	1.3
3	947	2.0	2.0
4	533	2.6	2.6



OR150AL-32E-440BWT

0° Aiming Angle

D(M)	LUX	W	L
1	6452	0.9	0.9
2	1613	1.8	1.8
3	717	2.7	2.7
4	403	3.5	3.5

Accessories

Model	Description	Picture	Drawing
OR150AL-RC002	2-head Embedded Parts		
OR150AL-RC004	4-head Embedded Parts		
OR150AL-RC008	8-head Embedded Parts		
OR150AL-RC012	12-head Embedded Parts		

LIGNE PRO LARGE WALL WASHER TRIM



OR165WT-11



OR165WT-22



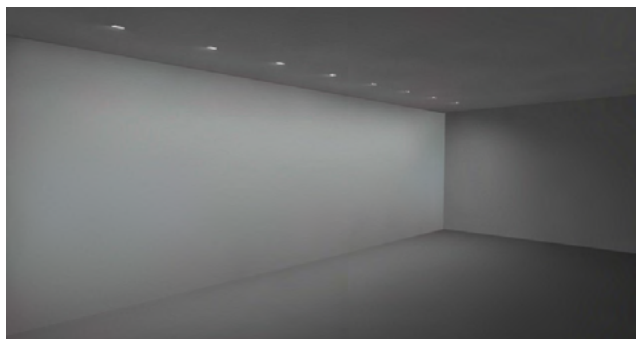
OR165WT-32

Specifications



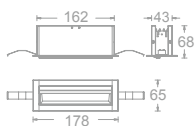
- Body Material: Extruded aluminum
- Optical System: Clear Lens included
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 167mm / □ 320mm / □ 469mm x 48mm
- Ceiling Thickness: 5mm-25mm
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
 - OR165WT-11 3000K: 1375lm 11W
 - OR165WT-22 3000K: 2750lm 22W
 - OR165WT-32 3000K: 4000lm 32W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.51Kg / 0.92Kg / 1.3Kg

Product Features/Optics



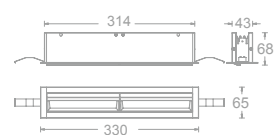
Lighting simulation with LIGNE PRO LARGE Wall Washer

Product Parameters



Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR165	WT Wall Washer Trim	11 LED 11W	669lm(@11W 3000K)	E ON-OFF D 0-10V Dimming	W Wall Washer	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black

Example: :OR165WT-11E-W40BWT



Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR165	WT Wall Washer Trim	22 LED 22W	1467lm(@22W 3000K)	E ON-OFF D 0-10V Dimming	W Wall Washer	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black

Example: OR165WT-22E-W40BWT



Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR165	WT Wall Washer Trim	32 LED 32W	2300lm(@32W 3000K)	E ON-OFF D 0-10V Dimming	W Wall Washer	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black

Example: OR165WT-32E-W40BWT

Light Distribution

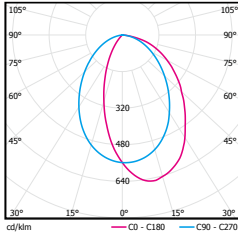
OR165WT-11E-W40BWT

Specifications :

Wall height (m): 3.0

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	103	105	104	105	102
2.55	189	192	193	191	187
2.25	167	171	173	171	166
1.95	125	130	131	129	124
1.65	90	94	95	94	89
1.35	61	64	65	64	61
1.05	46	48	48	47	45
0.75	35	36	37	36	35
0.45	25	26	27	26	25
0.15	21	21	21	21	20

Specifications :

Wall height (m): 3.0

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	29	29	29	29	28
2.55	53	55	54	54	53
2.25	70	71	71	70	69
1.95	69	70	70	70	68
1.65	61	62	63	62	60
1.35	50	51	52	51	49
1.05	42	43	44	43	41
0.75	35	36	36	36	34
0.45	27	29	29	28	27
0.15	23	24	24	24	23

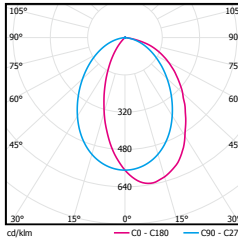
OR165WT-22E-W40BWT

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

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	32	32	32	32	32
3.825	54	55	55	55	54
3.375	69	70	70	70	69
2.925	68	69	70	69	68
2.475	61	63	63	63	61
2.025	51	53	53	53	51
1.575	44	45	46	45	44
1.125	37	38	39	38	37
0.675	30	31	32	31	30
0.225	26	27	27	27	26

Light Distribution

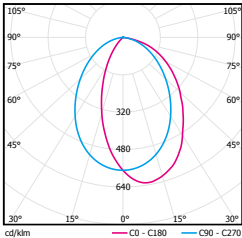
OR165WT-32E-W40BWT

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

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	47	47	47	47	47
5.1	74	73	73	73	74
4.5	95	95	95	95	95
3.9	96	96	97	96	96
3.3	87	88	89	88	87
2.7	74	75	76	75	74
2.1	65	66	66	66	64
1.5	56	57	58	57	56
0.9	46	47	48	47	46
0.3	45	46	47	46	45

LIGNE PRO LARGE WALL WASHER TRIMLESS



OR140WL-11



OR140WL-22



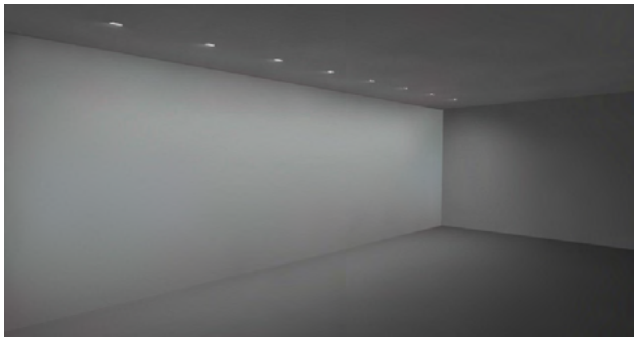
OR140WL-32

Specifications



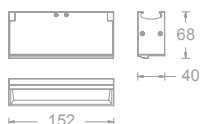
- Body Material: Extruded aluminum
- Optical System: Clear Lens included
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 171mm / □ 323mm / □ 473mm x 52mm
- Ceiling Thickness: 5mm-25mm
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
 - OR140WL-11 3000K: 1375lm 11W
 - OR140WL-22 3000K: 2750lm 22W
 - OR140WL-32 3000K: 4000lm 32W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.4Kg / 0.72Kg / 1.05Kg

Product Features/Optics



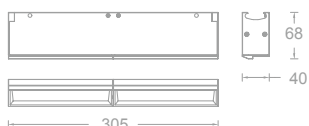
Lighting simulation with LIGNE PRO LARGE Wall Washer

Product Parameters



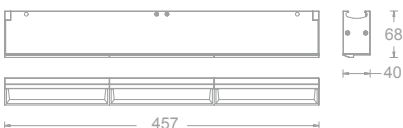
Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR140	WL Wall Washer Trimless	11 LED 11W	669lm(@11W 3000K)	E ON-OFF D 0-10V Dimming	W Wall Washer	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black

Example: :OR140WL-11E-W40BWT



Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR140	WL Wall Washer Trimless	22 LED 22W	1467lm(@22W 3000K)	E ON-OFF D 0-10V Dimming	W Wall Washer	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black

Example: OR140WL-22E-W40BWT



Model	Comment	LED Power	System Lumens	Driver	Beam	CCT	Reflector	Finish
OR140	WL Wall Washer Trimless	32 LED 32W	2300lm(@32W 3000K)	E ON-OFF D 0-10V Dimming	W Wall Washer	27 2700K 30 3000K 35 3500K 40 4000K	B Black W White	WT White BK Black

Example: OR140WL-32E-W40BWT

Light Distribution

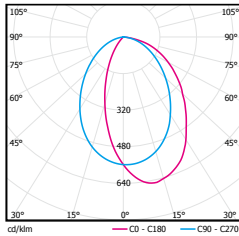
OR140WL-11E-W40BWT

Specifications :

Wall height (m): 3.0

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	103	105	104	105	102
2.55	189	192	193	191	187
2.25	167	171	173	171	166
1.95	125	130	131	129	124
1.65	90	94	95	94	89
1.35	61	64	65	64	61
1.05	46	48	48	47	45
0.75	35	36	37	36	35
0.45	25	26	27	26	25
0.15	21	21	21	21	20

Specifications :

Wall height (m): 3.0

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	29	29	29	29	28
2.55	53	55	54	54	53
2.25	70	71	71	70	69
1.95	69	70	70	70	68
1.65	61	62	63	62	60
1.35	50	51	52	51	49
1.05	42	43	44	43	41
0.75	35	36	36	36	34
0.45	27	29	29	28	27
0.15	23	24	24	24	23

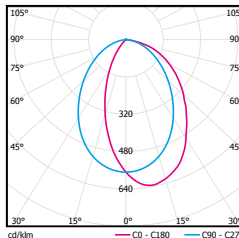
OR140WL-22E-W40BWT

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

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	32	32	32	32	32
3.825	54	55	55	55	54
3.375	69	70	70	70	69
2.925	68	69	70	69	68
2.475	61	63	63	63	61
2.025	51	53	53	53	51
1.575	44	45	46	45	44
1.125	37	38	39	38	37
0.675	30	31	32	31	30
0.225	26	27	27	27	26

Light Distribution

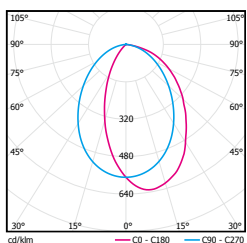
OR140WL-32E-W40BWT

Specifications :

Wall height (m): 6

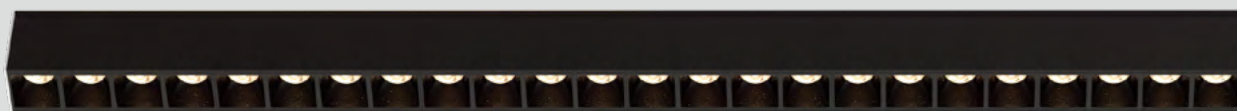
Offset from wall (m): 1.5

Luminaire spacing (m): 1.5





Shenzhen Huitong International School
Shenzhen, Guangdong Province, China



LIGNE PRO CEILING

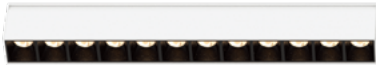


- WAC's patented SUBROSA® Invisible Light Technology delivers the ultimate visual experience.

LIGNE PRO GRAZE



LGAS6-1806N



LGAS6-1812N



LGAS6-1824N



LGAS6-1836N

Specifications



IP20



High
CRI



SUBROSA®
Glare-free

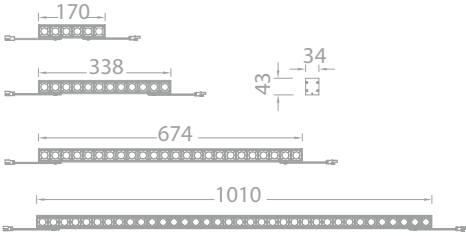
- Body Material: Extruded aluminum
- Optical System: Clear Lens included+ SUBROSA®Optical System
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cut Off Angle: 35°
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output: 3000K 1600lm 18W/m
3000K 2600lm 30W/m
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 1.3Kg/m

Product Features/Optics



Lighting simulates with 18W/m LIGNE PRO Graze linear luminaire on a 4.5m high wall.

Product Parameters



Model	LED Power		LED Num.		Length	System Lumens	Driver	Beam	CCT	Reflector	Finish
LGAS6	18	18W/m	06	6pcs	170mm	1178lm(@18W/m 3000K 16°)	N No driver	E 22° x 44°	27 2700K	B Black	WT White
	30	30W/m	12	12pcs	338mm	1210lm(@18W/m 3000K 22°)		1 16°	30 3000K		
			24	24pcs	674mm	1213lm(@18W/m 3000K 33°)		2 22°	40 4000K		
			36	36pcs	1010mm	940lm(@18W/m 3000K 44°)		3 33°			
						1002lm(@18W/m 3000K 22° x 44°)		4 44°			
						1840lm(@30W/m 3000K 16°)					
						1891lm(@30W/m 3000K 22°)					
						1895lm(@30W/m 3000K 33°)					
						1469lm(@30W/m 3000K 44°)					
						156lm(@30W/m 3000K 22° x 44°)					

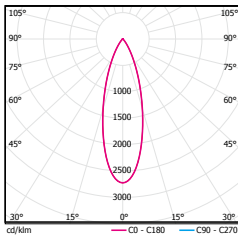
Example: LGAS6-3036N-230BWT

Light Distribution

LGAS6-1836N-230BBK

Specifications :

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



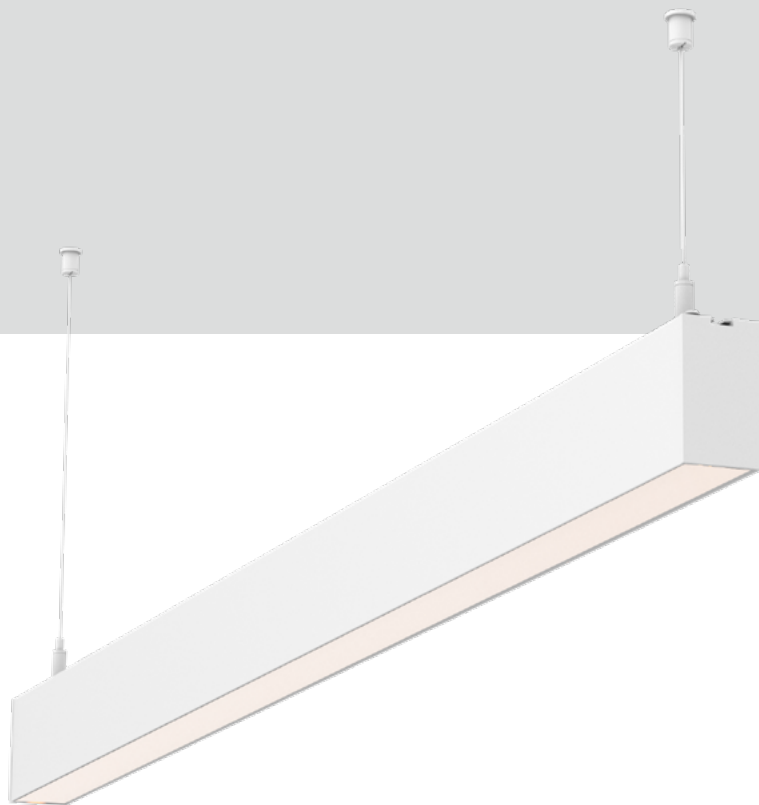
(m)	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5
4.375	150	134	132	133	132	131	132	132	134	149
4.125	311	294	292	293	292	292	293	292	294	307
3.875	305	293	291	292	291	290	291	292	293	300
3.625	248	242	241	241	241	241	241	241	242	240
3.375	184	182	181	181	180	181	181	181	182	175
3.125	151	150	148	149	149	148	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



Wenzhou Kean University
Wenzhou, Zhejiang Province, China

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LIGNE II

LIGNE II Luminaire features an aluminum body with a sleek appearance. The luminaires support upward and downward illumination with utilizing energy efficient integral LEDs for good heat dissipation, high efficiency and energy savings. The pendants are equipped with anti-glare lenses, and available for customizing the length according to the specification in the field.

LIGNE II PANEL

Up and Down



OP4012D

Down



OP4012S

Recessed



OR4012

Ceiling



OC4012

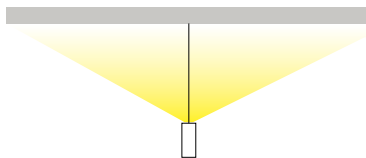
Specifications



- Body Material: Extruded aluminum
- Optical System: Anti-glare panel
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Note: Customized service provided including dimension and different layout

- Cutout: □ 46mm x 1206mm(for Recessed)
- LED Type: SMD
- LED Wattage, CCT, Lumen Output:
 - OP4012D: 4000K 4480lm 40W
 - OP4012S: 4000K 3780lm 30W
 - OR4012: 4000K 3780lm 30W
 - OC4012: 4000K 3780lm 30W
- LED Lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 2.73Kg / 2.23Kg / 2.23Kg / 2.23Kg

Product Features/Optics



Available upward illumination for lifting

Product Parameters



Model	Length	Comment	LED Power	System Lumens	Driver	Beam up	Beam Down	CCT	Finish
OP40	12 1200mm	D Double Directional	40 40W (Up: 10W Down: 30W)	3655lm(@3000K)	E ON-OFF D 0-10V Dimming	F Frosted	P PC cover Y PC embossed cover	30 3000K 40 4000K 50 5000K	WT White

Example: OP4012D-40E-FP30WT



Model	Length	Comment	LED Power	System Lumens	Driver	Beam Down	CCT	Finish
OP40	12 1200mm	S Single Directional	30 30W	2601lm(@3000K)	E ON-OFF D 0-10V Dimming	P PC cover Y PC embossed cover	30 3000K 40 4000K 50 5000K	WT White BK Black

Example: OP4012S-30E-P30WT



Model	Length	LED Power	System Lumens	Driver	Beam Down	CCT	Finish
OR40	12 1200mm	30 30W	2601lm(@3000K)	E ON-OFF D 0-10V Dimming	P PC cover Y PC embossed cover	30 3000K 40 4000K 50 5000K	WT White BK Black

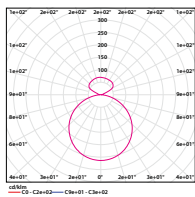
Example: OR4012-30E-P30WT



Model	Length	LED Power	System Lumens	Driver	Beam Down	CCT	Finish
OC40	12 1200mm	30 30W	2601lm(@3000K)	E ON-OFF D 0-10V Dimming	P PC cover Y PC embossed cover	30 3000K 40 4000K 50 5000K	WT White

Example: OC4012-30E-P30WT

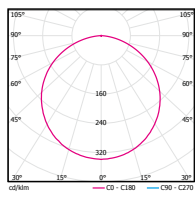
OP4012D



OP4012D-40E-FP30WT

0° Aiming Angle			
D(M)	LUX	W	L
1	1019	3.2	3.2
2	255	6.4	6.4
3	113	9.5	9.5
4	64	12.7	12.7

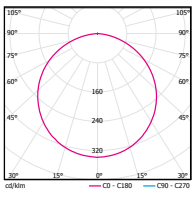
OP4012S



OP4012S-30E-P30WT

0° Aiming Angle			
D(M)	LUX	W	L
1	1022	3.2	3.2
2	256	6.3	6.3
3	114	9.5	9.5
4	64	12.7	12.7

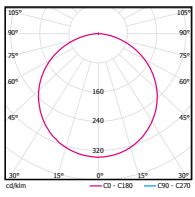
OR4012



OR4012-30E-P30WT

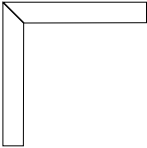
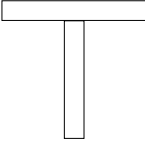
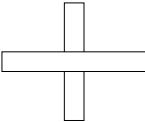
0° Aiming Angle			
D(M)	LUX	W	L
1	1022	3.2	3.2
2	256	6.3	6.3
3	114	9.5	9.5
4	64	12.7	12.7

OC4012



OC4012-30E-P30WT

0° Aiming Angle			
D(M)	LUX	W	L
1	1022	3.2	3.2
2	256	6.3	6.3
3	114	9.5	9.5
4	64	12.7	12.7

Model	Description	Picture
OP4012D-L	<i>L-shaped splices</i>	
OP4012D-T	<i>T-shaped splices</i>	
OP4012D-X	<i>+ shaped splices</i>	

LIGNE II PANEL

Up and Down



OP5512D

Down



OP5512S

Recessed



OR5512

Ceiling



OC5512

Specifications



- Body Material: Extruded aluminum
- Optical System: Anti-glare panel
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Note: Customized service provided including dimension and different layout

- Cutout: □ 61mm x 1206mm(for Recessed)
- LED Type: SMD
- LED Wattage, CCT, Lumen Output:
 - OP5512D: 4000K 4580lm
 - OP5512S: 4000K 4380lm
 - OR5512: 4000K 4380lm
 - OC5512: 4000K 4380lm
- LED Lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 2.23Kg / 2.87Kg / 2.87Kg / 2.87Kg

Product Parameters



Model	Length	Comment	LED Power	System Lumens	Driver	Beam up	Beam Down	CCT	Finish
OP55	12 1200mm	D Double Directional	45 45W (Up: 10W Down: 35W)	3825lm(@3000K)	E ON-OFF D 0-10V Dimming	F Frosted	P PC cover Y PC embossed cover	30 3000K 40 4000K 50 5000K	WT White

Example: OP5512D-45E-FP30WT



Model	Length	Comment	LED Power	System Lumens	Driver	Beam Down	CCT	Finish
OP55	12 1200mm	S Single Directional	35 35W	3060lm(@3000K)	E ON-OFF D 0-10V Dimming	P PC cover Y PC embossed cover	30 3000K 40 4000K 50 5000K	WT White

Example: OP5512S-35E-P30WT



Model	Length	LED Power	System Lumens	Driver	Beam Down	CCT	Finish
OR55	12 1200mm	35 35W	3060lm(@3000K)	E ON-OFF D 0-10V Dimming	P PC cover Y PC embossed cover	30 3000K 40 4000K 50 5000K	WT White

Example: OR5512-35E-P30WT

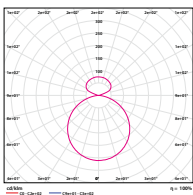


Model	Length	LED Power	System Lumens	Driver	Beam Down	CCT	Finish
OC55	12 1200mm	35 35W	3060lm(@3000K)	E ON-OFF D 0-10V Dimming	P PC cover Y PC embossed cover	30 3000K 40 4000K 50 5000K	WT White

Example: OC5512-35E-P30WT

Light Distribution

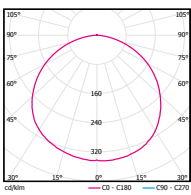
OP5512D



OP5512D-45E-FP30WT

0° Aiming Angle				
D(M)	LUX	W	L	
1	1296	3.2	3.2	
2	324	6.3	6.3	
3	144	9.5	9.5	
4	81	12.7	12.7	

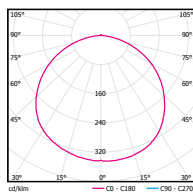
OP5512S



OP5512S-35E-P30WT

0° Aiming Angle				
D(M)	LUX	W	L	
1	1300	3.2	3.2	
2	325	6.3	6.3	
3	144	9.5	9.5	
4	81	12.7	12.7	

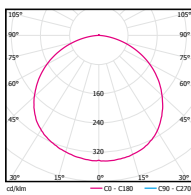
OR5512



OR5512-35E-P30WT

0° Aiming Angle				
D(M)	LUX	W	L	
1	1300	3.2	3.2	
2	325	6.3	6.3	
3	144	9.5	9.5	
4	81	12.7	12.7	

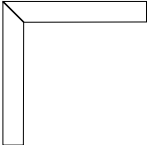
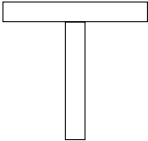
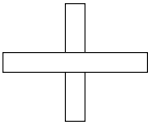
OC5512



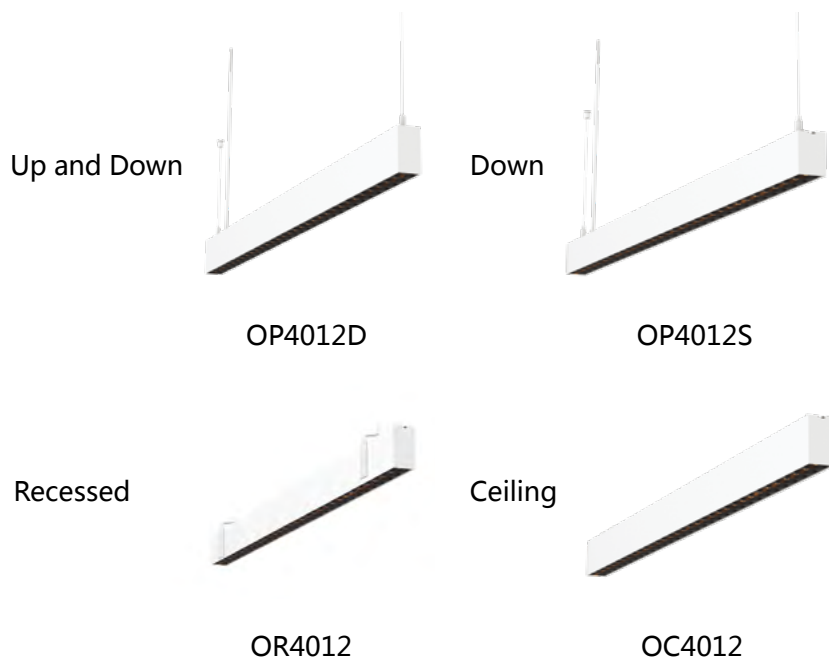
OC5512-35E-P30WT

0° Aiming Angle				
D(M)	LUX	W	L	
1	1300	3.2	3.2	
2	325	6.3	6.3	
3	144	9.5	9.5	
4	81	12.7	12.7	

Accessories

Model	Description	Picture
OP5512D-L	<i>L-shaped splices</i>	
OP5512D-T	<i>T-shaped splices</i>	
OP5512D-X	<i>+shaped splices</i>	

LIGNE II LOUVER



Specifications



- Body Material: Extruded aluminum
- Optical System: Clear Lens included + Anti-glare Louver
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 46mm x 1271mm(for Recessed)
- LED Type: SMD
- Cut Off Angle: 38°
- LED CCT, Lumen Output:
 - OP4012D: 4000K 4580lm
 - OP4012S: 4000K 3780lm
 - OR4012: 4000K 3780lm
 - OC4012: 4000K 3780lm
- LED Lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 2.85Kg / 2.35Kg / 2.35Kg / 2.35Kg

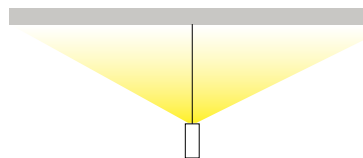
Product Features/Optics



2 24°

3 36°

4 45°



Available upward illumination for lifting

Product Parameters



Model	Length	Comment	LED Power	System Lumens	Driver	Beam up	Beam Down	CCT	Finish
OP40	12 1200mm	D Double Directional	40 40W (Up: 10W Down: 30W)	3160lm(@3000K)	E ON-OFF D 0-10V Dimming	F Frosted	2 24° 3 36° 4 45°	30 3000K 40 4000K 50 5000K	WT White

Example: OP4012D-40E-F230WT



Model	Length	Comment	LED Power	System Lumens	Driver	Beam	CCT	Finish
OP40	12 1265mm	S Single Directional	30 30W	2249lm(@3000K)	E ON-OFF D 0-10V Dimming	2 24° 3 36° 4 45°	30 3000K 40 4000K 50 5000K	WT White

Example: OP4012S-30E-230WT



Model	Length	LED Power	System Lumens	Driver	Beam	CCT	Finish
OR40	12 1265mm	30 30W	2249lm(@3000K)	E ON-OFF D 0-10V Dimming	2 24° 3 36° 4 45°	30 3000K 40 4000K 50 5000K	WT White

Example: OR4012-30E-230WT

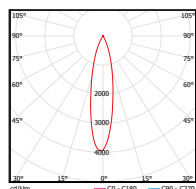


Model	Length	LED Power	System Lumens	Driver	Beam	CCT	Finish
OC40	12 1265mm	30 30W	2249lm(@3000K)	E ON-OFF D 0-10V Dimming	2 24° 3 36° 4 45°	30 3000K 40 4000K 50 5000K	WT White

Example: OC4012-30E-230WT

Light Distribution

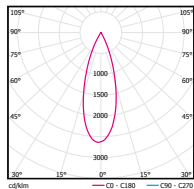
OP4012D



OP4012D-40E-230WT

0° Aiming Angle

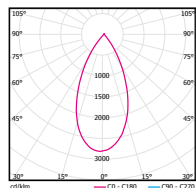
D(M)	LUX	W	L
1	8716	0.4	0.4
2	2179	0.9	0.9
3	968	1.3	1.3
4	545	1.7	1.7



OP4012D-40E-330WT

0° Aiming Angle

D(M)	LUX	W	L
1	5293	0.6	0.6
2	1323	1.3	1.3
3	588	1.9	1.9
4	331	2.6	2.6

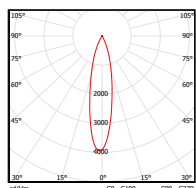


OP4012D-40E-430WT

0° Aiming Angle

D(M)	LUX	W	L
1	3869	0.8	0.8
2	967	1.7	1.7
3	430	2.5	2.5
4	242	3.3	3.3

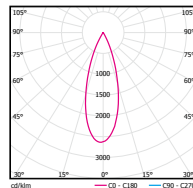
OP4012S



OP4012S-30E-230WT

0° Aiming Angle

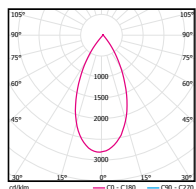
D(M)	LUX	W	L
1	8716	0.4	0.4
2	2179	0.9	0.9
3	968	1.3	1.3
4	545	1.7	1.7



OP4012S-30E-330WT

0° Aiming Angle

D(M)	LUX	W	L
1	5293	0.6	0.6
2	1323	1.3	1.3
3	588	1.9	1.9
4	331	2.6	2.6

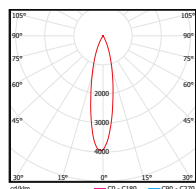


OP4012S-30E-430WT

0° Aiming Angle

D(M)	LUX	W	L
1	3869	0.8	0.8
2	967	1.7	1.7
3	430	2.5	2.5
4	242	3.3	3.3

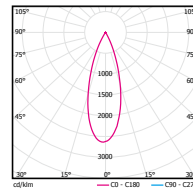
OR4012



OR4012-30E-240WT

0° Aiming Angle

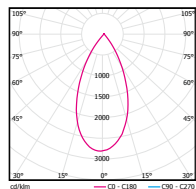
D(M)	LUX	W	L
1	8716	0.4	0.4
2	2179	0.9	0.9
3	968	1.3	1.3
4	545	1.7	1.7



OR4012-30E-340WT

0° Aiming Angle

D(M)	LUX	W	L
1	5293	0.6	0.6
2	1323	1.3	1.3
3	588	1.9	1.9
4	331	2.6	2.6



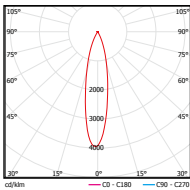
OR4012-30E-440WT

0° Aiming Angle

D(M)	LUX	W	L
1	3869	0.8	0.8
2	967	1.7	1.7
3	430	2.5	2.5
4	242	3.3	3.3

Light Distribution

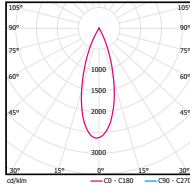
OC4012



OC4012-30E-240WT

0° Aiming Angle

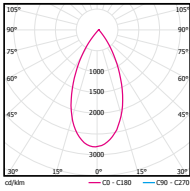
D(M)	LUX	W	L
1	8716	0.4	0.4
2	2179	0.9	0.9
3	968	1.3	1.3
4	545	1.7	1.7



OC4012-30E-340WT

0° Aiming Angle

D(M)	LUX	W	L
1	5293	0.6	0.6
2	1323	1.3	1.3
3	588	1.9	1.9
4	331	2.6	2.6



OC4012-30E-440WT

0° Aiming Angle

D(M)	LUX	W	L
1	3869	0.8	0.8
2	967	1.7	1.7
3	430	2.5	2.5
4	242	3.3	3.3

LIGNE II LOUVER

Up and Down



OP5512D

Down



OP5512S

Recessed



OR5512

Ceiling



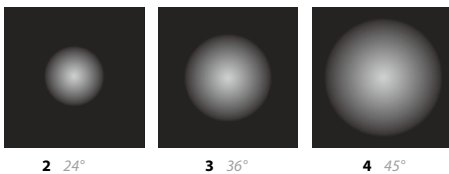
OC5512

Specifications



- Body Material: Extruded aluminum
- Optical System: Clear Lens included + Anti-glare Louver
- Finish: Environmentally safe powder coat
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Cutout: □ 61mm x 121mm(35W)
- LED Type: SMD
- Cut Off Angle: 38°
- LED Wattage, CCT, Lumen Output:
 - OP5512D: 4000K 4680lm
 - OP5512S: 4000K 4380lm
 - OR5512: 4000K 4380lm
 - OC5512: 4000K 4380lm
- LED Lifetime: >50,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 3.67Kg / 3.05Kg / 3.05Kg / 3.05Kg

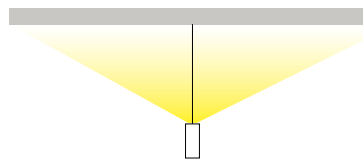
Product Features/Optics



2 24°

3 36°

4 45°



Available upward illumination for lifting

Product Parameters



Model	Length	Comment	LED Power	System Lumens	Driver	Beam up	Beam Down	CCT	Finish
OP55	12 1265mm	D Double Directional	45 45W (Up: 10W Down: 35W)	3418lm(@3000K)	E ON-OFF D 0-10V Dimming	F Frosted	2 24° 3 36° 4 45°	30 3000K 40 4000K 50 5000K	WT White

Example: OP5512D-45E-F230WT



Model	Length	Comment	LED Power	System Lumens	Driver	Beam	CCT	Finish
OP55	12 1205mm	S Single Directional	35 35W	2646lm(@3000K)	E ON-OFF D 0-10V Dimming	2 24° 3 36° 4 45°	30 3000K 40 4000K 50 5000K	WT White

Example: OP5512S-35E-230WT



Model	Length	LED Power	System Lumens	Driver	Beam	CCT	Finish
OR55	12 1205mm	35 35W	2646lm(@3000K)	E ON-OFF D 0-10V Dimming	2 24° 3 36° 4 45°	30 3000K 40 4000K 50 5000K	WT White

Example: OR5512-35E-230WT

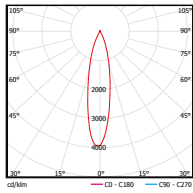


Model	Length	LED Power	System Lumens	Driver	Beam	CCT	Finish
OC55	12 1205mm	35 35W	2646lm(3000K)	E ON-OFF D 0-10V Dimming	2 24° 3 36° 4 45°	30 3000K 40 4000K 50 5000K	WT White

Example: OC5512-35E-230WT

Light Distribution

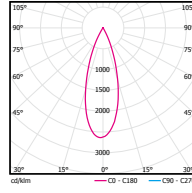
OP5512D



OP5512D-45E-230WT

0° Aiming Angle

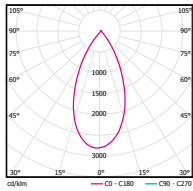
D(M)	LUX	W	L
1	8730	0.4	0.4
2	2183	0.9	0.9
3	970	1.3	1.3
4	546	1.7	1.7



OP5512D-45E-330WT

0° Aiming Angle

D(M)	LUX	W	L
1	5320	0.6	0.6
2	1330	1.3	1.3
3	591	1.9	1.9
4	333	2.6	2.6

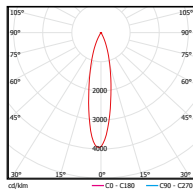


OP5512D-45E-430WT

0° Aiming Angle

D(M)	LUX	W	L
1	4232	0.8	0.8
2	1058	1.7	1.7
3	470	2.5	2.5
4	265	3.3	3.3

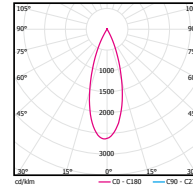
OP5512S



OP5512S-35E-230WT

0° Aiming Angle

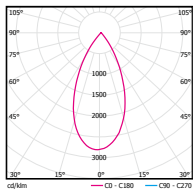
D(M)	LUX	W	L
1	8730	0.4	0.4
2	2183	0.9	0.9
3	970	1.3	1.3
4	546	1.7	1.7



OP5512S-35E-330WT

0° Aiming Angle

D(M)	LUX	W	L
1	5320	0.6	0.6
2	1330	1.3	1.3
3	591	1.9	1.9
4	333	2.6	2.6

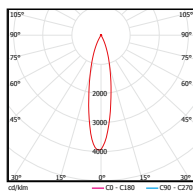


OP5512S-35E-430WT

0° Aiming Angle

D(M)	LUX	W	L
1	4232	0.8	0.8
2	1058	1.7	1.7
3	470	2.5	2.5
4	265	3.3	3.3

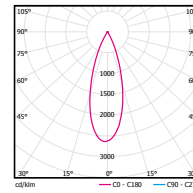
OR5512



OR5512-35E-240WT

0° Aiming Angle

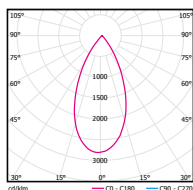
D(M)	LUX	W	L
1	8730	0.4	0.4
2	2183	0.9	0.9
3	970	1.3	1.3
4	546	1.7	1.7



OR5512-35E-340WT

0° Aiming Angle

D(M)	LUX	W	L
1	5320	0.6	0.6
2	1330	1.3	1.3
3	591	1.9	1.9
4	333	2.6	2.6



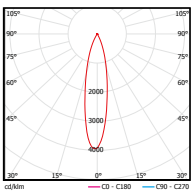
OR5512-35E-440WT

0° Aiming Angle

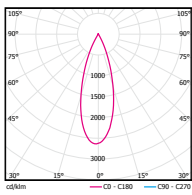
D(M)	LUX	W	L
1	4232	0.8	0.8
2	1058	1.7	1.7
3	470	2.5	2.5
4	265	3.3	3.3

Light Distribution

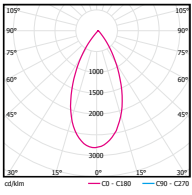
OC5512



OC5512-35E-240WT			
0° Aiming Angle			
D(M)	LUX	W	L
1	8730	0.4	0.4
2	2183	0.9	0.9
3	970	1.3	1.3
4	546	1.7	1.7

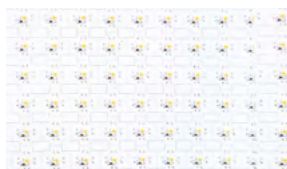


OC5512-35E-340WT			
0° Aiming Angle			
D(M)	LUX	W	L
1	5320	0.6	0.6
2	1330	1.3	1.3
3	591	1.9	1.9
4	333	2.6	2.6



OC5512-35E-440WT			
0° Aiming Angle			
D(M)	LUX	W	L
1	4232	0.8	0.8
2	1058	1.7	1.7
3	470	2.5	2.5
4	265	3.3	3.3

TAPE LIGHT



PIXELS

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INVISILED®TAPE LIGHT

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PIXELS

PIXELS is a configurable LED luminaire primarily used for backlighting or reflective lighting. This luminary is malleable and easy to install, making it a very versatile lighting solution. It evenly illuminates building surfaces, signs and signage without occupying excessive or complex spaces.

PIXELS can be installed by using 3M construction adhesive or staples around the edges. It is suitable for both interior and exterior environments such as cabinets, closets, workbenches, benches, seating and other spaces.

PIXELS LED



Single Cut



Group Cutting Mono



Group Cutting Tunable



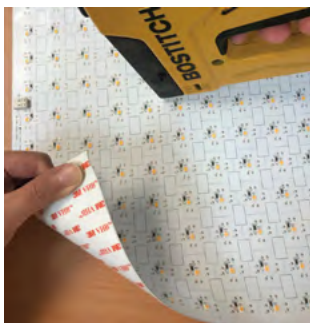
Group Cutting RGBW

Specifications

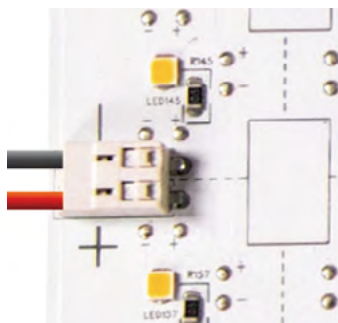


- Body Material: Flexible metal PCB board
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- Size: □ 305mm x 610mm / □ 240mm x 480mm / □ 240mm x 480mm / □ 240mm x 480mm
- Minimum cutting: 25.5mmx25.5mm / 20mmx60mm/ 40mmx60mm/ 40mmx120mm
- LED Type: SMD
- LED wattage: LED-P10/20: 10W/pcs / 20W/pcs
LED-P45: 45W/pcs Max (Can be customized)
LED-P90: 90W/pcs Max (Can be customized)
LED-P80: 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: 0.25Kg/Pcs / 0.3Kg/Pcs/ 0.3Kg/Pcs/ 0.3Kg/Pcs

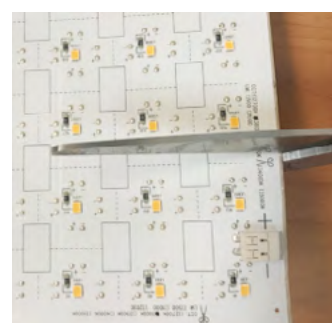
INSTALLATION INSTRUCTIONS



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.

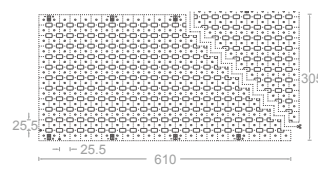


Measure the distance between the runs in order to determine the length of extension feed wires. Connector accepts AWG #24 - #18, recommend AWG #18 solid wire for low voltage drop.



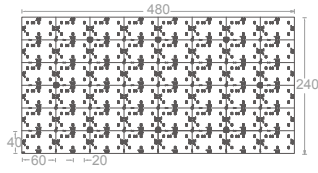
Follow the dotted line cutting guides and cut the PIXELS to desired size, PIXELS is field cuttable vertically or horizontally anywhere to single pixel increment.

Product Parameters



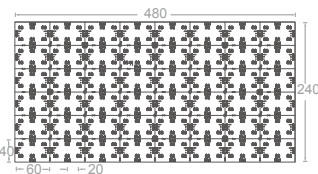
Model	LED Power	Length	CRI	CCT
LED-P	10	3060 305mm x 610mm	9 90	27
	20			30
				35
				40
				50
				2700K
				3000K
				3500K
				4000K
				5000K

Example: LED-P10-3060-927



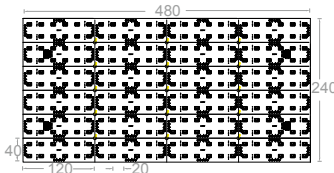
Model	LED Power	Length	CRI	CCT	Series
LED-P	45 45W/pcs Max	2448 240mm x 480mm	9 90	27	G
				30	
				40	
				2700K	
				3000K	
				4000K	

Example: LED-P45-2448-927G



Model	LED Power	Length	CCT	Series
LED-P	90 90W/pcs Max	2448 240mm x 480mm	CC 2700K-6500K (Tunable)	G

Example: LED-P90-2448-CCG



Model	LED Power	Length	CCT	Series
LED-P	80 80W/pcs Max	2448 240mm x 480mm	F3	G
			F4	
			RGBW (3000K)	
			RGBW (4000K)	

Example: LED-P80-2448-F3G

TAPE LIGHT



Conrad Shenzhen
Shenzhen, Guangdong Province, China

267

WACLIGHTING.COM.CN

The image shows a modern interior space with a large, illuminated wall of vertical light tubes. The tubes are arranged in a grid pattern and emit a warm, golden light. In the foreground, there is a long, low wooden bench. The ceiling is also illuminated with warm light, and the overall atmosphere is cozy and sophisticated.

InvisiLED® TAPE LIGHT

Sophisticated custom lighting made simple for private residences, hotels, restaurants and other spaces. Our energy efficient InvisiLED® LED tape lighting systems present enormous possibilities for any space.

TAPE LIGHT

INVISILED® TAPE LIGHT



InvisiLED® W TUBE



InvisiLED® RGB TUBE



InvisiLED® RGBW TUBE



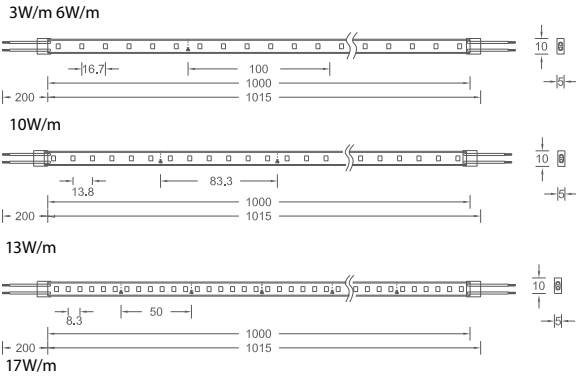
InvisiLED® SUNLIGHT TUNABLE TUBE

Specifications



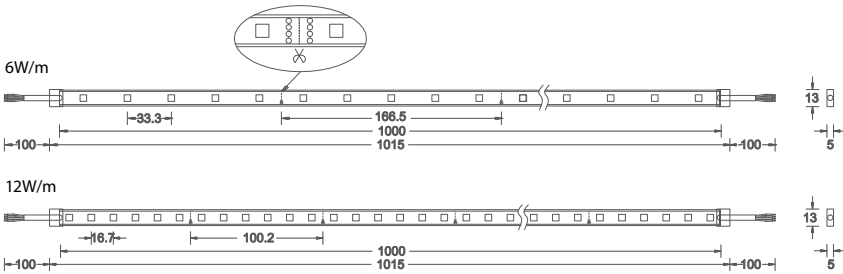
- Body Material: Flexible silicone cased tape light
- Finish: Clear Silicone casing
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: SMD
- LED Lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Dimming control: InvisiLED® dims beautifully with ELV wired or wireless controllers including 0-10V, DMX or DALI
- Net Weight: 0.1Kg/m

Product Parameters



Model	LED Power	Length	Feature	CRI	CCT	Series
LED-TCE	03 3W/m 60pcs	10 1m 50 5m	T TUBE	9 Ra≥90	27 2700K	W
	06 6W/m 60pcs				30 3000K	
	10 10W/m 72pcs				35 3500K	
	13 13W/m 120pcs				40 4000K	
	17 17W/m 140pcs				50 5000K	

Example: LED-TCE-0310T-927W

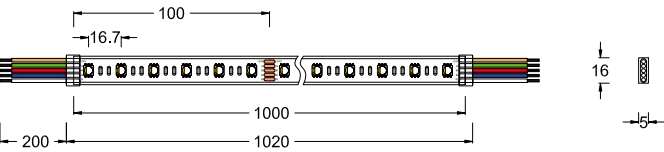


Model	LED Power	Length	Feature	Series
LED-TCE	06 6W/m	10 1m 30 3m	T Tube	RGB
	12 12W/m			

Example: LED-TCE-0610T-RGB

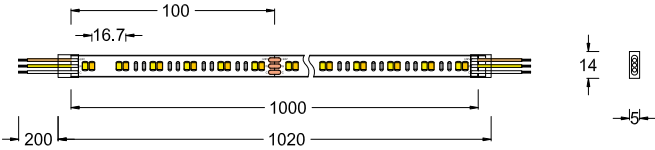
TAPE LIGHT

Product Parameters



Model	LED Power	Length	Feature	CCT	Series
LED-TCE	20 20W/m	10 1m	T Ture	F3 RGBW W=3000K	G
		50 5m		F4 RGBW W=4000K	
				F6 RGBW W=5000K	

Example: LED-TCE-2010T-F3G



Model	LED Power	Length	Feature	CCT	Series
LED-TCE	10 10W/m	10 1m	T Ture	CC 2200K-6000K (Tunable)	G
	20 20W/m	50 5m			

Example: LED-TCE-1010T-CCG

Accessories

Model	Description	Pictures		Applicable Products
LED-T10-1508	Channel for 17W LED tape, length 965mm			InvisiLED® SUNLIGHT TUNABLE TUBE
LED-T10-1608	Channel for 3W/6W/10W/13W LED tape, length 965mm			InvisiLED® W TUBE
LED-T10-1708	Channel for 17W LED tape, length 965mm			InvisiLED® W TUBE
LED-T10-1809	PC slot for RGBW light strip, length 970mm			InvisiLED® RGBW TUBE

* Power and Accessories need to be ordered separately.

INVISIBLE[®]

EXTERIOR



INVISILED® NEON

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INVISILED® NEON VERTICAL
INVISILED® NEON HORIZONTAL

277
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INVISILED® TAPE LIGHT

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INVISILED® OUTDOOR DMX
INVISILED® E
INVISILED® 12V

283
285
287



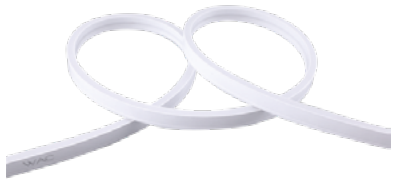
Renaissance Changzhou Star River Hotel
Changzhou, Jiangsu Province, China



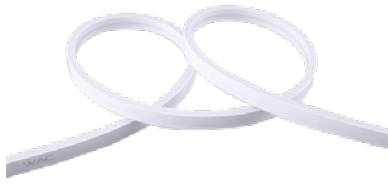
InvisiLED® NEON

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. Static White and RGBW models are available.

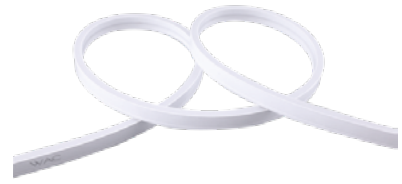
INVISIBLE® NEON VERTICAL



10MM



16MM



20x10MM

Specifications



IP65

IP67



High
CRI



DMX



- Body Material: Flexible silicone cased tape light
- Finish: High quality extruded silicone casing
- Accessories/Brackets: Clips and Channels
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: SMD
- LED Lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- Minimum bending radius: 60mm
- LED Color Consistency: 3 SDCM
- Net Weight: 0.3Kg/m, 0.6Kg/m, 0.57Kg/m

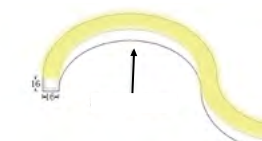
Product Parameters



Minimum Bending Radius: 60mm

Model	LED Power	Length	Size	Dimming	CCT	Power Feed Type	IP	Finish
FLSV	06 6W/m	10 1m	A 10x10mm	E ON-OFF	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	S Side B Bottom F Front	5 IP65 7 IP67	WT White
	10 10W/m	20 2m						
		30 3m						
		40 4m						
		50 5m						

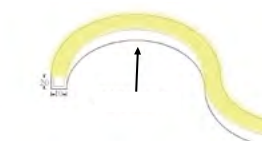
Example : FLSV-0610A-E3055WT



Minimum Bending Radius: 60mm

Model	LED Power	Length	Size	Dimming	CCT	Power Feed Type	IP	Finish
FLSV	14 14W/m	10 1m	B 16x16mm	E ON-OFF M Phase Controller by DMX512 Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K F2 RGBW(2700K) F3 RGBW(3000K) F4 RGBW(4000K) F5 RGBW(5000K)	S Side B Bottom F Front	5 IP65 7 IP67	WT White
	18 18W/m	20 2m						
		30 3m						
		40 4m						
		50 5m						

Example : FLSV-1410B-E3055WT



Minimum Bending Radius: 60mm

Model	LED Power	Length	Size	Dimming	CCT	Power Feed Type	IP	Finish
FLSV	14 14W/m	10 1m	C 10x20mm	E ON-OFF M Phase Controller by DMX512 Dimming	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K F2 RGBW(2700K) F3 RGBW(3000K) F4 RGBW(4000K) F5 RGBW(5000K)	S Side B Bottom F Front	5 IP65 7 IP67	WT White
	18 18W/m	20 2m						
		30 3m						
		40 4m						
		50 5m						

Example : FLSV-1410C-E3055WT

Accessories

	Model	Description	Picture
10mm Mono	FLSH-A-AC	Clips for H series 10mm width,3pcs/m Order separately	
	FLSH-A-CH	Specified fixed Channel for V series 10*10mm width,965mm length Need to be ordered separately	
16mm Mono / RGBW	FLSH-B-AC	Clips for H series 16mm width,3pcs/m Order separately	
	FLSH-B-CH	Specified fixed Channel for H series 16mm width,965mm length Need to be ordered separately	
10x20mm Mono / RGBW	FLSV-C-AC	Clips for V series 10x20mm width,3pcs/m Order separately	
	FLSV-C-CH	Specified fixed Channel for V series 10x20mm width,965mm length Need to be ordered separately	

* To customize the length, please consult WAC

INVISILED® NEON HORIZONTAL



10MM



16MM

Specifications



IP65

IP67



High
CRI

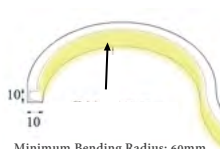


DMX



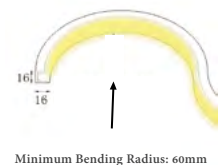
- Body Material: Flexible silicone cased tape light
- Finish: High quality extruded silicone casing
- Accessories/Brackets: Clips and Channels
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: SMD
- LED Lifetime: >36,000h-L70 /B10-Ta25°C (LM-80/TM-21)
- Minimum bending radius: 100mm
- Net Weight: 0.3Kg/m, 0.6Kg/m

Product Parameters



Model	LED Power	Length	Size	Dimming	CCT	Power Feed Type	IP	Finish
FLSH	06 6W/m	10 1m	A 10x10mm	E ON-OFF	27 2700K	S Side B Bottom F Front	5 IP65 7 IP67	WT White
	10 10W/m	20 2m			30 3000K			
		30 3m			35 3500K			
		40 4m			40 4000K			
		50 5m			50 5000K			

Example : FLSH-0610A-E30S5WT



Model	LED Power	Length	Size	Dimming	CCT	Power Feed Type	IP	Finish
FLSH	14 14W/m	10 1m	B 16x16mm	E ON-OFF M Phase Controller by DMX512 Dimming	27 2700K	S Side B Bottom F Front	5 IP65 7 IP67	WT White
	18 18W/m	20 2m			30 3000K			
		30 3m			35 3500K			
		40 4m			40 4000K			
		50 5m			50 5000K			
					F2 RGBW(2700K)			
					F3 RGBW(3000K)			
					F4 RGBW(4000K)			
					F5 RGBW(5000K)			

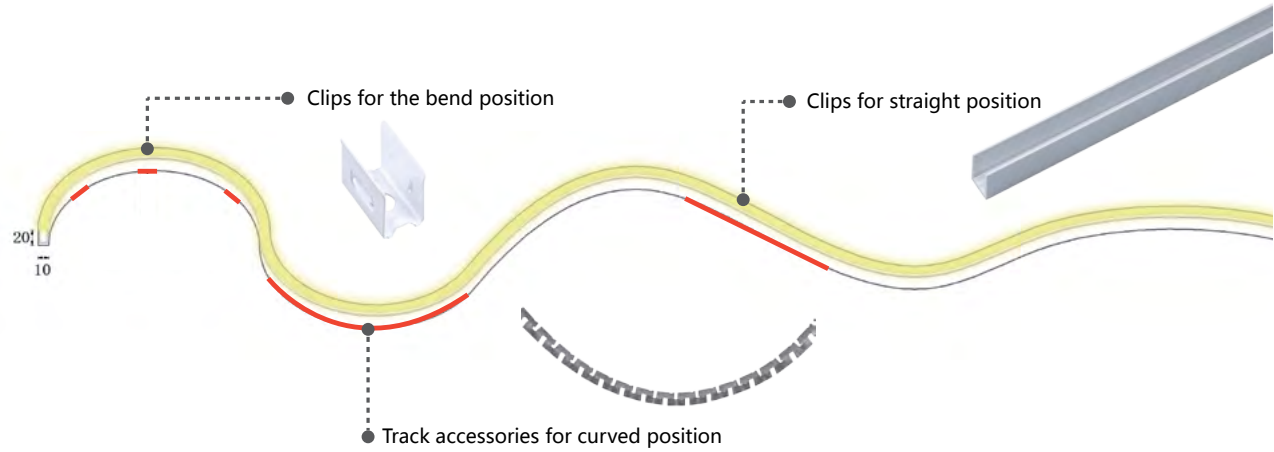
Example : FLSH-1410B-E30S5WT

Accessories

Item	Model	Description	Drawing
10mm Mono	FLSH-A-AC	Clips for H series 10x10mm width,3pcs/m Order separately	
	FLSH-A-CH	Specified fixed Channel for H series 13mm width,965mm length Need to be ordered separately	
16mm Mono / RGBW	FLSH-B-AC	Clips for H series 16mm width,3pcs/m Order separately	
	FLSH-B-CH	Specified fixed Channel for H series 16mm width,965mm length Need to be ordered separately	

* To customize the length, please consult WAC

Installation instructions



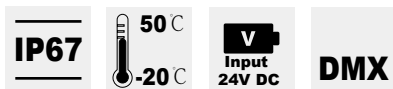


Wenzhou Marriott Hotel
Wenzhou, Zhejiang Province, China

INVISILED® OUTDOOR DMX

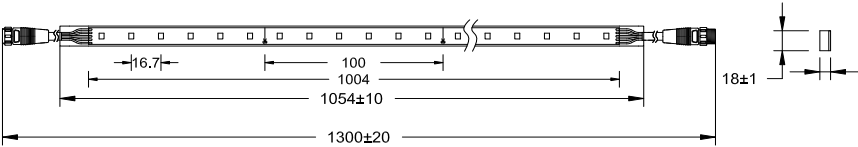


Specifications



- Body Material: Flexible silicone cased tape light
- Finish: Clear Silicone casing
- Accessories/Brackets: Clips and Channels
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- 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

Product Parameters



Model	LED Power	Length	Feature	CCT
FLSG	12 12W/m	10 1m 30 3m 50 5m	MT DMX512 Dimming 24V DC Power Supply	27W 2700K 30W 3000K 40W 4000K FC RGB

Example : FLSG-1210MT-FC

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® EXTERIOR



Specifications

IP65

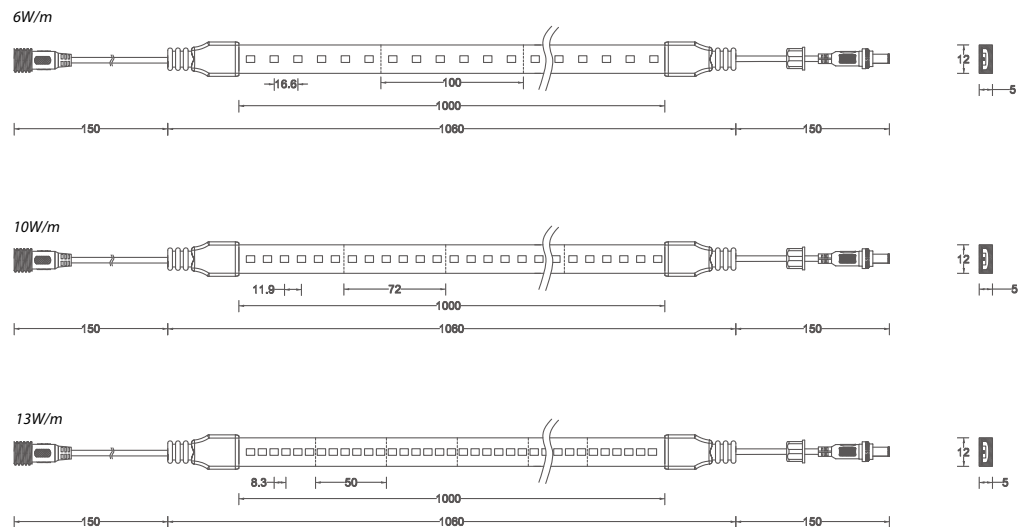
50 °C
-20 °C

High
CRI

V
Input
24V DC

- Body Material: Flexible silicone cased tape light
- Finish: High quality extruded silicone casing
- Accessories/Brackets: Clips and Channels
- 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

Product Parameters



Model	LED Power		Length		CRI		CCT		Series
FLSE <i>InvisiLED E series IP65</i>	06	6W/m	10	1m	9	90	27	2700K	G2WT
	10	10W/m	50	5m			30	3000K	
	13	13W/m					40	4000K	

Example : FLSE-0610-927G2WT

Accessories

Model	Description	Picture
FLSE-015-M	Male connector Length 15cm	
FLSE-015-F	Female 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

INVISILED® 12V

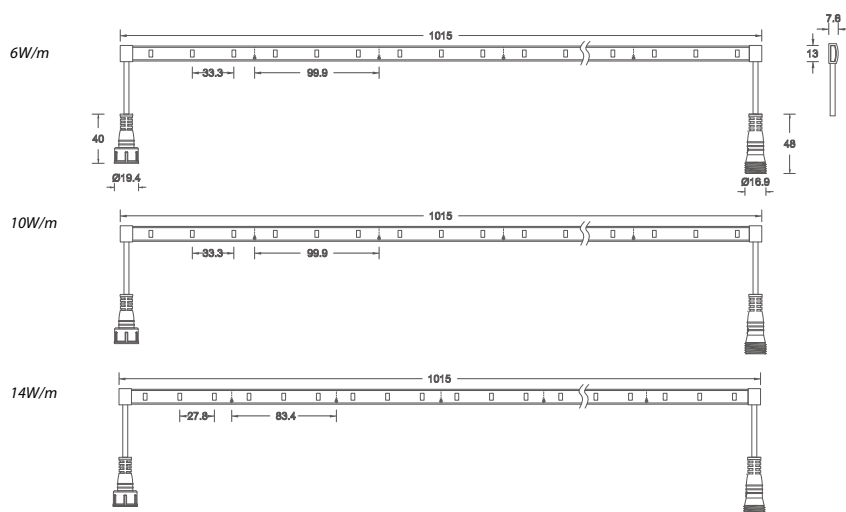


Specifications



- Body Material: Flexible silicone cased tape light
- Finish: Clear Silicone casing
- Accessories/Brackets: Clips and Channels
- 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)
- 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

Product Parameters



Model	LED Power	Length	CCT	Series
FLSU	06	6W/m	10	1m
	10	10W/m	30	3m
	14	14W/m	50	5m
			930	3000K
FLSU	06	6W/m	10	1m
	14	14W/m	30	3m
			50	5m
			FC	RGB

Example : FLSU-0610-930A2BK

Accessories

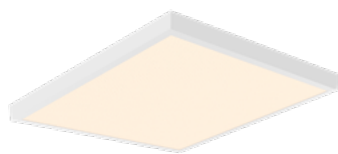
Model	Description	Picture
LED-TO24-IL6-BK	Rigid, non-flexible channel for mounting to a straight, solid surface(Female connector, 300mm Length)	
LED-TO24-IC6/12/72/120	Connect two sections of invisILED® Outdoor. 150mm/300mm/1800mm/3000mm offered 150mm/300mm/1800mm/3000mm	
LED-TO24-CH3-C	Rigid, non-flexible 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	
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	

Model	Description
FLSG-M-RGB	RGB Lamp strip dedicated male end,200mm
FLSG-F-RGB	RGB Lamp strip dedicated female end,200mm
FLSG-IC6-RGB	RGB Lamp strip dedicated jumper,150mm
FLSG-IC12-RGB	RGB Lamp strip dedicated jumper,300mm
FLSG-IC72-RGB	RGB Lamp strip dedicated jumper,1800mm
FLSG-IC120-RGB	RGB Lamp strip dedicated jumper,3000mm

Accessories are excluded and need to be ordered separately.

* To customize the length, please consult WAC

PANEL LUMINAIRES



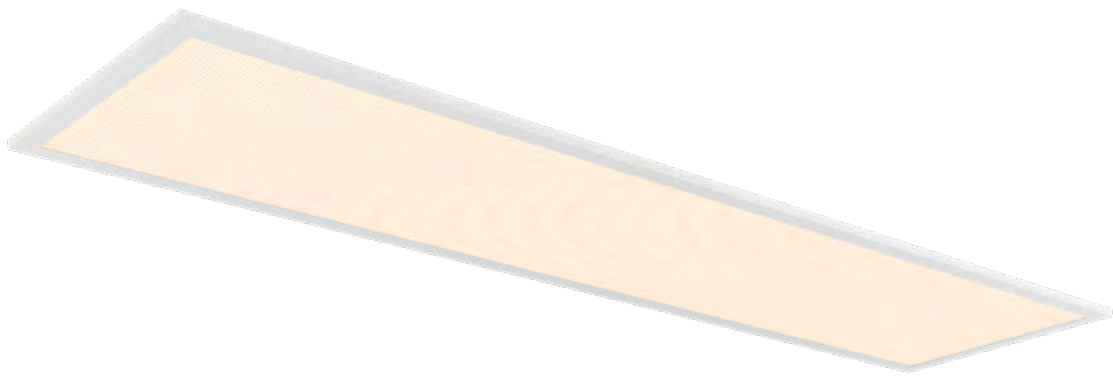
LED PANEL

SURFACE MOUNTED
RECESSED FOR T-BAR
RECESSED FOR ANGLE-CHANNEL
PENDANT MOUNTED

291

293
295
299
303

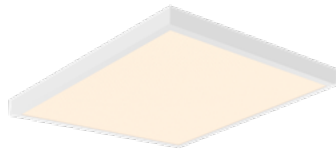




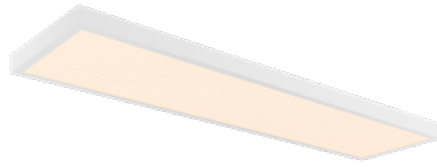
PANEL

WAC Panel luminaire adopts aluminum profile body to create a simple and beautiful appearance, with internal anti-glare prismatic optics and good heat dissipation performance. The luminaire features no visible glare, UGR less than 19, good anti-glare performance and light uniformity. Adopting LED light source, it provides controllable color consistency, high luminous efficacy and energy saving. The lighting effect is comfortable for commercial, office, classroom and other places of lighting applications.

SURFACE MOUNTED



OGC20505



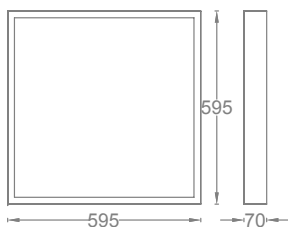
OGC20211

Specifications



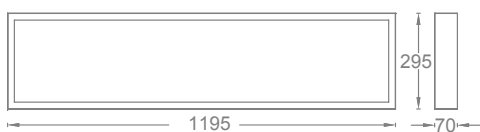
- Body Material: Extruded aluminum
- Optical System: Anti-glare prism optics
- Finish: Environmentally safe powder coat
- LED Type: SMD
- LED Wattage, CCT, Lumen Output:
 - OGC20505 3000K: 4680lm 36W / 4860lm 40W
 - OGC20211 3000K: 4680lm 36W / 5200lm 40W / 6240lm 48W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 5 SDCM
- Net Weight: 2.6Kg / 2.8Kg

Product Parameters



Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGC2	0505 595*595mm	36 36W 40 40W	4039lm(@36W 3000K) 4402lm(@40W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K 40 4000K 50 5000K	WT White

Example: OGC20505-36E-Y40WT



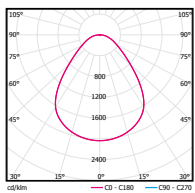
Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGC2	0211 295*1195mm	36 36W 40 40W 48 48W	4320lm(@36W 3000K) 4586lm(@40W 3000K) 5317lm(@48W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K 40 4000K 50 5000K	WT White

Example: OGC20211-36E-Y40WT

Light Distribution

OGC20505

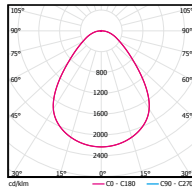
OGC20505-36E-Y40WT



0° Aiming Angle

D(M)	LUX	W	L
1	2035	1.80	1.80
2	509	3.60	3.60
3	226	5.40	5.40
4	127	7.20	7.20

OGC20505-40E-Y40WT

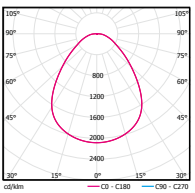


0° Aiming Angle

D(M)	LUX	W	L
1	2231	1.80	1.80
2	558	3.60	3.60
3	248	5.40	5.40
4	139	7.20	7.20

OGC20211

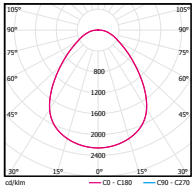
OGC20211-36E-Y40WT



0° Aiming Angle

D(M)	LUX	W	L
1	2083	1.90	1.90
2	521	3.80	3.80
3	231	5.70	5.70
4	130	7.60	7.60

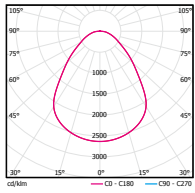
OGC20211-40E-Y40WT



0° Aiming Angle

D(M)	LUX	W	L
1	2256	1.90	1.90
2	564	3.80	3.80
3	251	5.70	5.70
4	141	7.60	7.60

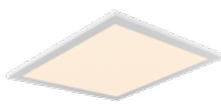
OGC20211-48E-Y40WT



0° Aiming Angle

D(M)	LUX	W	L
1	2633	1.80	1.80
2	658	3.60	3.60
3	293	5.40	5.40
4	165	7.20	7.20

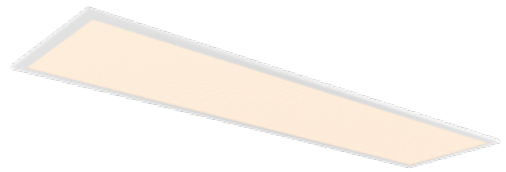
RECESSED FOR T-BAR



OGR20202



OGR20205



OGR20211



OGR20505



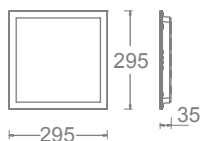
OGR20511

Specifications



- Body Material: Extruded aluminum
- Optical System: Anti-glare prism optics
- Finish: Environmentally safe powder coat
- LED Type: SMD
- LED Wattage, CCT, Lumen Output:
 - OGR20202 3000K: 1560lm 12W / 2340lm 18W
 - OGR20205 3000K: 2600lm 20W / 3120lm 24W
 - OGR20211 3000K: 4680lm 36W / 5200lm 40W / 6264lm 48W
 - OGR20255 3000K: 4680lm 36W / 5200lm 40W
 - OGR20511 3000K: 6240lm 48W / 7800lm 60W / 9360lm 72W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 5 SDCM
- Net Weight: 0.9Kg / 1.25Kg / 2.2Kg / 2.6Kg / 4.25Kg

Product Parameters



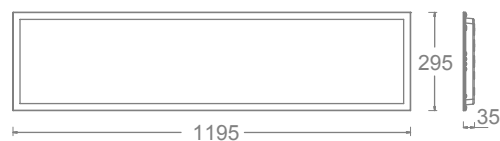
Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGR2	0202 295*295mm	12 12W 18 18W	1634lm(@18W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K 40 4000K 50 5000K	WT White

Example: OGR20202-18E-Y40WT



Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGR2	0205 295*595mm	20 20W 24 40W	2160lm(@20W 3000K) 2531lm(@24W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K 40 4000K 50 5000K	WT White

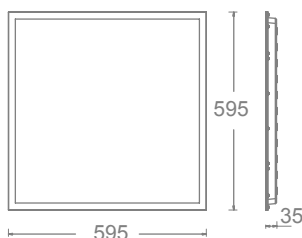
Example: OGR20205-20E-Y40WT



Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGR2	0211 295*1195mm	36 36W 40 40W 48 48W	4318lm(@36W 3000K) 4686lm(@40W 3000K) 5316lm(@48W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K 40 4000K 50 5000K	WT White

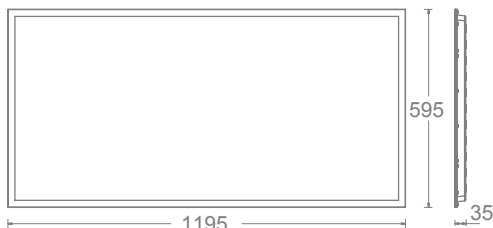
Example: OGR20211-36E-Y40WT

Product Parameters



Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGR2	0505 595*595mm	36 36W	4039lm(@36W 3000K) 4402lm(@40W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K	WT White
		40 40W				40 4000K	
						50 5000K	

Example: OGR20505-36E-Y40WT

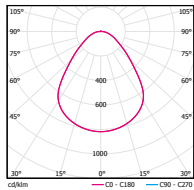


Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGR2	0511 595*1195mm	48 48W	8513lm(@72W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K	WT White
		60 60W				40 4000K	
		72 72W				50 5000K	

Example: OGR20511-48E-Y40WT

Light Distribution

OGR20202

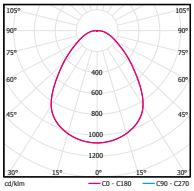


OGR20202-18E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	818	1.9	1.9
2	205	3.7	3.7
3	91	5.6	5.6
4	51	7.5	7.5

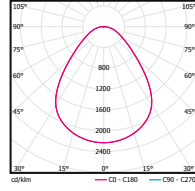
OGR20205



OGR20205-20E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	1074	1.8	1.8
2	269	3.7	3.7
3	119	5.5	5.5
4	67	7.3	7.3

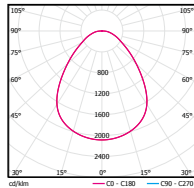


OGR20205-24E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	2235	1.8	1.8
2	559	3.7	3.7
3	248	5.5	5.5
4	140	7.4	7.4

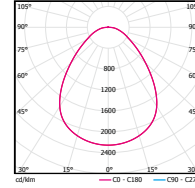
OGR20211



OGR20211-36E-Y40WT

0° Aiming Angle

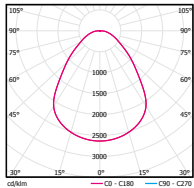
D(M)	LUX	W	L
1	2084	1.9	1.9
2	521	3.8	3.8
3	232	5.6	5.6
4	130	7.5	7.5



OGR20211-40E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	2257	1.9	1.9
2	564	3.8	3.8
3	251	5.6	5.6
4	141	7.5	7.5

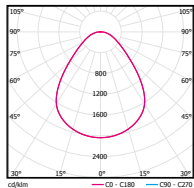


OGR20211-48E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	2636	1.8	1.8
2	659	3.7	3.7
3	293	5.5	5.5
4	165	7.4	7.4

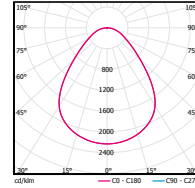
OGR20505



OGR20505-36E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	2036	1.9	1.9
2	509	3.7	3.7
3	226	5.6	5.6
4	127	7.5	7.5

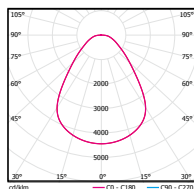


OGR20505-40E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	2235	1.8	1.8
2	559	3.7	3.7
3	248	5.5	5.5
4	140	7.4	7.4

OGR20511

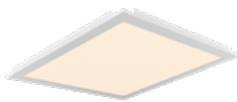


OGR20511-72E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	4450	1.7	1.7
2	1113	3.4	3.4
3	494	5.1	5.1
4	278	6.8	6.8

RECESSED FOR ANGLE-CHANNEL



OGR10303



OGR10306



OGR10312



OGR10606



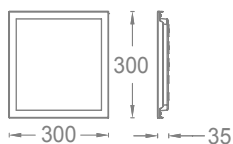
OGR10612

Specifications



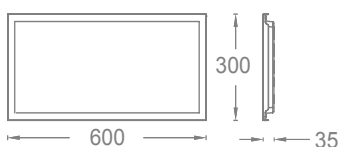
- Body Material: Extruded aluminum
- Optical System: Anti-glare prism optics
- Finish: Environmentally safe powder coat
- LED Type: SMD
- LED Wattage, CCT, Lumen Output:
 - OGR10303 3000K: 1560lm 12W / 2340lm 18W
 - OGR10306 3000K: 2600lm 20W / 3120lm 24W
 - OGR10312 3000K: 4680lm 36W / 5200lm 40W / 6264lm 48W
 - OGR10606 3000K: 4680lm 36W / 5200lm 40W
 - OGR10612 3000K: 6240lm 48W / 7800lm 60W / 9360lm 72W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 5 SDCM
- Net Weight: 0.9Kg / 1.28Kg / 2.28Kg / 2.18Kg / 4.25Kg

Product Parameters



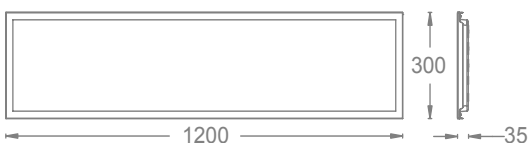
Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGR1	0303 300*300mm	12 12W 18 18W	1634lm(@18W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K 40 4000K 50 5000K	WT White

Example: OGR10303-18E-Y40WT



Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGR1	0306 300*600mm	20 20W 24 24W	2160lm(@20W 3000K) 2531lm(@40W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K 40 4000K 50 5000K	WT White

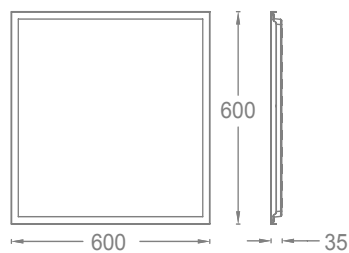
Example: OGR10306-20E-Y40WT



Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGR1	0312 300*1200mm	36 36W 40 40W 48 48W	4318lm(@36W 3000K) 4686lm(@40W 3000K) 5316lm(@48W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K 40 4000K 50 5000K	WT White

Example: OGR10312-36E-Y40WT

Product Parameters



Mode	Size	LED Power	System Lumens	Driver	Beam Down	CCT	Finish
OGR1	0606 600*600mm	36 36W 40 40W	4039lm(@36W 3000K) 4402lm(@40W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K 40 4000K 50 5000K	WT White

Example: OGR10606-36E-Y40WT

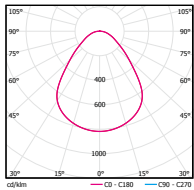


Mode	Size	LED Power	System Lumens	Driver	Beam Down	CCT	Finish
OGR1	0612 600*1200mm	48 48W 60 60W 72 72W	8513lm(@72W 3000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K 40 4000K 50 5000K	WT White

Example: OGR10612-48E-Y40WT

Light Distribution

OGR10303

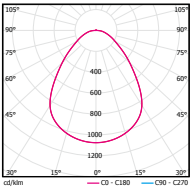


OGR10303-18E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	818	1.9	1.9
2	205	3.7	3.7
3	91	5.6	5.6
4	51	7.5	7.5

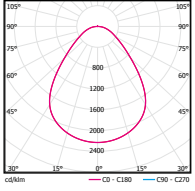
OGR10306



OGR10306-20E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	1074	1.8	1.8
2	269	3.7	3.7
3	119	5.5	5.5
4	67	7.3	7.3

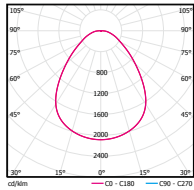


OGR10306-24E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	2235	1.8	1.8
2	559	3.7	3.7
3	248	5.5	5.5
4	140	7.4	7.4

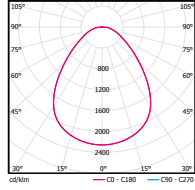
OGR10312



OGR10312-36E-Y40WT

0° Aiming Angle

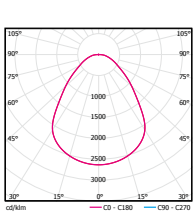
D(M)	LUX	W	L
1	2084	1.9	1.9
2	521	3.8	3.8
3	232	5.6	5.6
4	130	7.5	7.5



OGR10312-40E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	2257	1.9	1.9
2	564	3.8	3.8
3	251	5.6	5.6
4	141	7.5	7.5

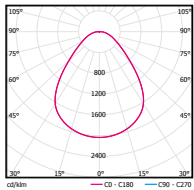


OGR10312-48E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	2636	1.8	1.8
2	659	3.7	3.7
3	293	5.5	5.5
4	165	7.4	7.4

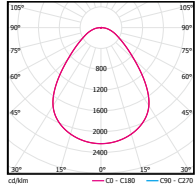
OGR10606



OGR10606-36E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	2036	1.9	1.9
2	509	3.7	3.7
3	226	5.6	5.6
4	127	7.5	7.5

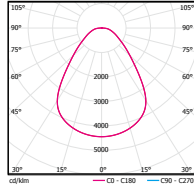


OGR10606-40E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	2235	1.8	1.8
2	559	3.7	3.7
3	248	5.5	5.5
4	140	7.4	7.4

OGR10612



OGR10612-72E-Y40WT

0° Aiming Angle

D(M)	LUX	W	L
1	4450	1.7	1.7
2	1113	3.4	3.4
3	494	5.1	5.1
4	278	6.8	6.8

PENDANT MOUNTED



OGP20211 Grating plate



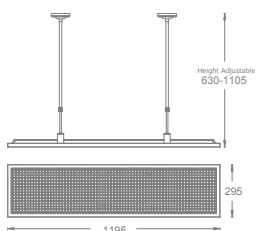
OGP20211 Prismatic plate

Specifications



- Body Material: Extruded aluminum
- Optical System: Anti-glare prism optics
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Suspension kit assembly
- LED Type: SMD
- LED Wattage, CCT, Lumen Output: 5000K 4974lm 36W
5000K 5527lm 40W
- LED Lifetime: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- LED Color Consistency: 5 SDCM
- Net Weight: 3.8Kg / 3.0Kg

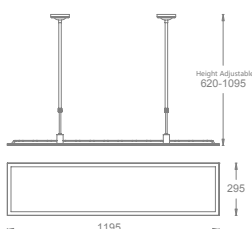
Product Parameters



Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGP2	0211 295*1195mm	36 36W 40 40W	4109lm(@36W 5000K) 4449lm(@40W 5000K)	E ON-OFF D 0-10V Dimming	G Grating plate	30 3000K 40 4000K 50 5000K	WT White

Example: OGP20211-36E-G50WT

Note: 9pcs pendant luminaires per regular classroom.



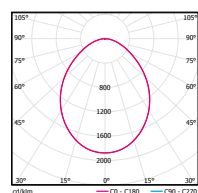
Mode	Size	LED Power	System Lumens	Driver	Beam	CCT	Finish
OGP2	0211 295*1195mm	36 36W 40 40W	4109lm(@36W 5000K) 4449lm(@40W 5000K)	E ON-OFF D 0-10V Dimming	Y Prismatic plate	30 3000K 40 4000K 50 5000K	WT White

Example: OGP20211-36E-Y50WT

Note: 9pcs pendant luminaires per regular classroom

Light Distribution

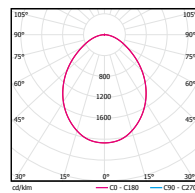
OGP20211



OGP20211-36E-G50WT

0° Aiming Angle

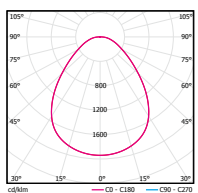
D(M)	LUX	W	L
1	1875	2.1	2.1
2	469	4.2	4.2
3	208	6.3	6.3
4	117	8.4	8.4



OGP20211-40E-G50WT

0° Aiming Angle

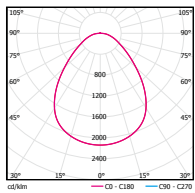
D(M)	LUX	W	L
1	2074	2.1	2.1
2	519	4.2	4.2
3	230	6.3	6.3
4	130	8.4	8.4



OGP20211-36E-Y50WT

0° Aiming Angle

D(M)	LUX	W	L
1	1924	1.9	1.9
2	481	3.8	3.8
3	214	5.7	5.7
4	120	7.6	7.6



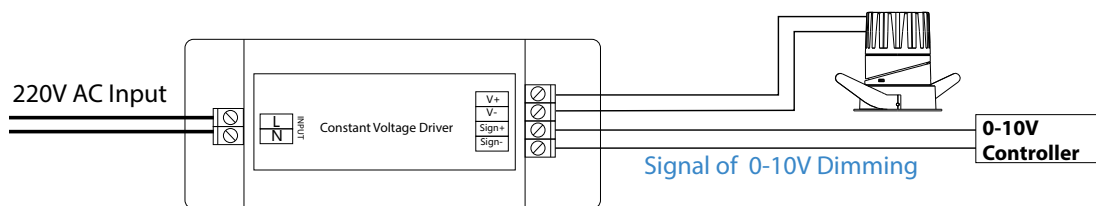
OGP20211-40E-Y50WT

0° Aiming Angle

D(M)	LUX	W	L
1	2140	1.9	1.9
2	535	3.8	3.8
3	238	5.7	5.7
4	134	7.6	7.6

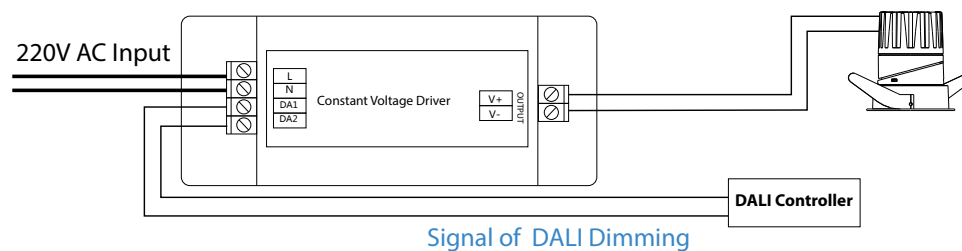
INTERIOR LIGHTING DOWNLIGHT WIRING SCHEMATIC DIAGRAM

0/1-10V dimming control system (220V AC)



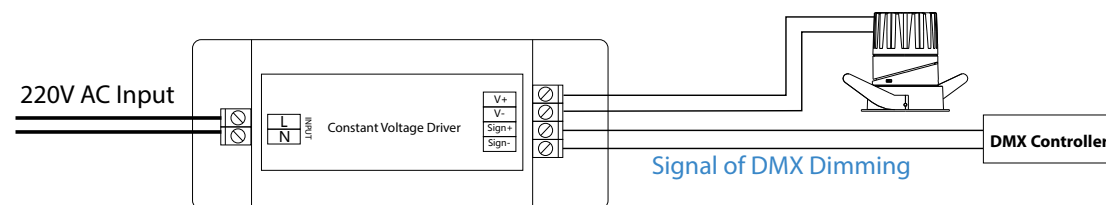
1. RVVP 2*1.0 signal cable is recommended.
2. The signal is a low voltage input and cannot be connected directly to 220V AC. Incorrect connection may damage the LED driver or even the whole lamp.

DALI dimming control system (220V AC)



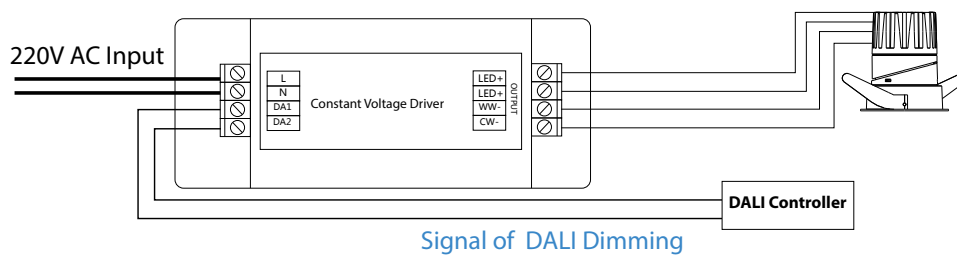
1. RVVP 2*1.0 signal cable is recommended.
2. The signal is a low voltage input and cannot be connected directly to 220V AC. Incorrect connection may damage the LED driver or even the whole lamp.

DMX dimming control system (220V AC)



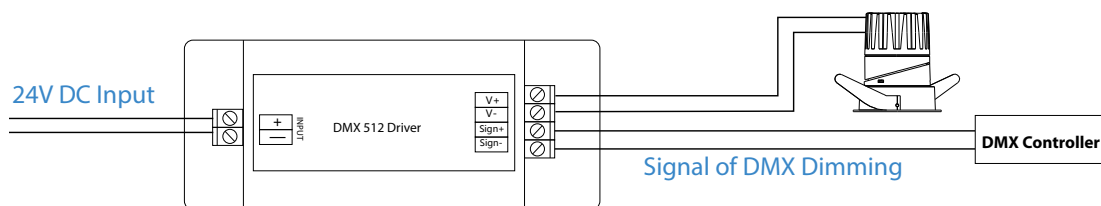
1. RVVP 2*1.0 signal cable is recommended.
2. The signal is a low voltage input and cannot be connected directly to 220V AC. Incorrect connection may damage the LED driver or even the whole lamp.

DALI dimming control system (220V AC Tunnable)



1. RVVP 2*1.0 signal cable is recommended.
2. The signal is a low voltage input and cannot be connected directly to 220V AC. Incorrect connection may damage the LED driver or even the whole lamp.

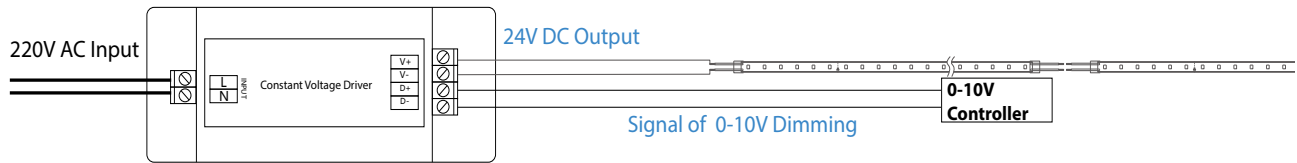
DMX dimming control system (24V DC)



1. RVVP 2*1.0 signal cable is recommended.
2. The signal is a low voltage input and cannot be connected directly to 220V AC. Incorrect connection may damage the LED driver or even the whole lamp.

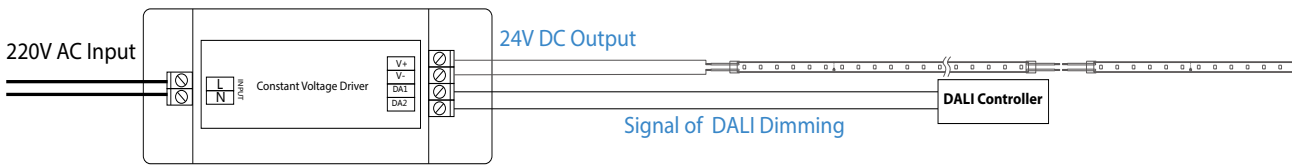
INTERIOR LIGHTING TAPE LIGHT WIRING SCHEMATIC DIAGRAM

0/1-10V dimming control system (24V DC)



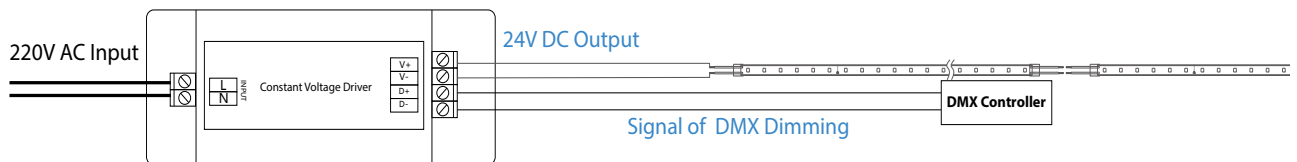
1. $Q = Pt \times 0.8 / Ps$ (Number of luminary = Driver power x 0.8/power of single luminary);
2. RVVP 2*1.0 signal cable is recommended;
3. The signal is low voltage input, cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole lamp.

DALI dimming control system (24V DC)



1. $Q = Pt \times 0.8 / Ps$ (Number of luminary = Driver power x 0.8/power of single luminary);
2. RVVP 2*1.0 signal cable is recommended;
3. The signal is low voltage input, cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole lamp.

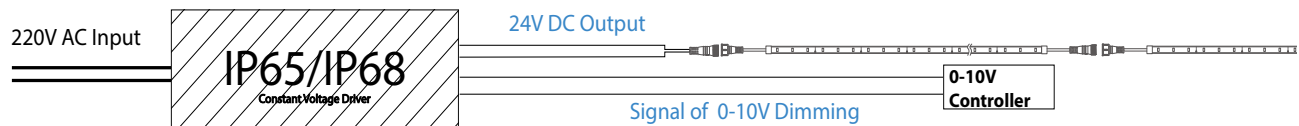
DMX dimming control system (24V DC)



1. $Q = Pt \times 0.8 / Ps$ (Number of luminary = Driver power x 0.8/power of single luminary);
2. RVVP 2*1.0 signal cable is recommended;
3. The signal is low voltage input, cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole lamp.

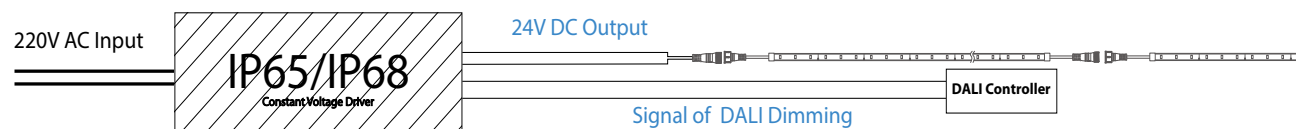
EXTERIOR LIGHTING TAPE LIGHT WIRING SCHEMATIC DIAGRAM

0/1-10V dimming control system (24V DC)



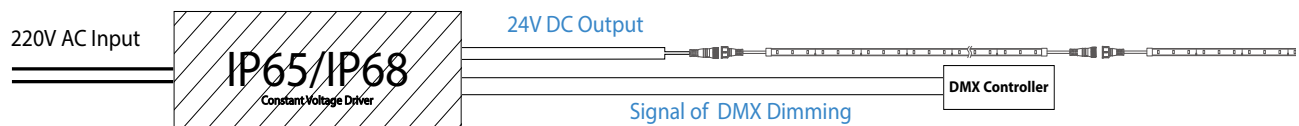
1. $Q = P_t \times 0.8 / P_s$ (Number of luminary = Driver power x 0.8/power of single luminary);
2. RVVP 2*1.0 signal cable is recommended;
3. The signal is low voltage input, cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole lamp.

DALI dimming control system (24V DC)



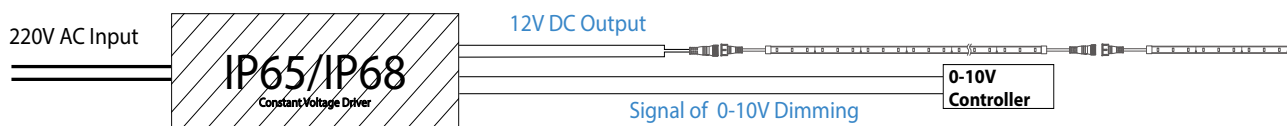
1. $Q = P_t \times 0.8 / P_s$ (Number of luminary = Driver power x 0.8/power of single luminary);
2. RVVP 2*1.0 signal cable is recommended;
3. The signal is low voltage input, cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole lamp.

DMX dimming control system (24V DC)



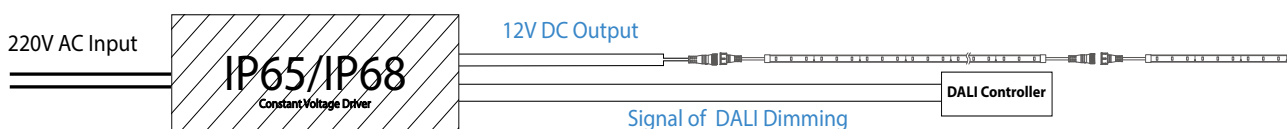
1. $Q = P_t \times 0.8 / P_s$ (Number of luminary = Driver power x 0.8/power of single luminary);
2. RVVP 2*1.0 signal cable is recommended;
3. The signal is low voltage input, cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole lamp.

0/1-10V dimming control system (12V DC)



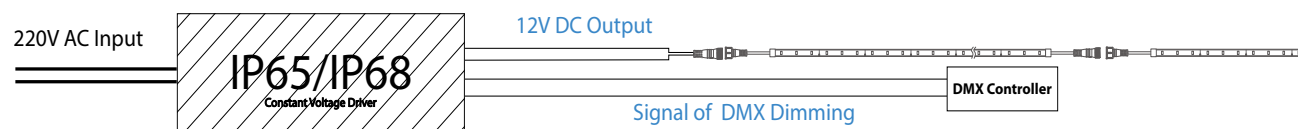
1. $Q = P_t \times 0.8 / P_s$ (Number of luminary = Driver power x 0.8/power of single luminary);
2. RVVP 2*1.0 signal cable is recommended;
3. The signal is low voltage input, cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole lamp.

DALI dimming control system (12V DC)



1. $Q = P_t \times 0.8 / P_s$ (Number of luminary = Driver power x 0.8/power of single luminary);
2. RVVP 2*1.0 signal cable is recommended;
3. The signal is low voltage input, cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole lamp.

DMX dimming control system (12V DC)



1. $Q = P_t \times 0.8 / P_s$ (Number of luminary = Driver power x 0.8/power of single luminary);
2. RVVP 2*1.0 signal cable is recommended;
3. The signal is low voltage input, cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole lamp.



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
48V DC



Low Voltage
Input
5V DC



CCC Certified



CQC Certified



IK Rated



IK Rated



IK Rated



Static Load



IP Rated



IP Rated



IP Rated



IP Rated



IP Rated



IP Rated



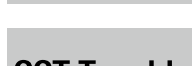
Invention Patented SUBROSA®
Glare-free Optical System



Patented LiteBrush® Optical System



Patented MicroLattice® Optical System



Adjustable color temperature



Infi-Power
Electrical System

WAC GLOBAL HEADQUARTERS & RESEARCH CENTER

44 Harbor Park Drive

Port Washington, NY 11050

Tel: 1.800-526-2588

Fax: 1.800-526-2585

WAC China Region Headquarters - Shanghai

WAC LIGHTING (Shanghai) Co., Ltd.

299-14, Bisheng Road, Zhangjiang

Pudong New District, Shanghai, China 201204

Tel: 86.21.3393-3558

WAC International Sales Office - Dongguan

WAC LIGHTING (Dongguan) Co., Ltd.

No. 390 Qingfeng Road, Qingxi Town,

Dongguan, Guangdong, China 523653

Tel: 86.769.8731-1200

