WAC
MUSEUM & 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.

WAC is committed to charitable programs that inspire individuals to lead a positive lifestyle. The vision of the brand has always embraced responsibility and ethics.

“ Shine the Civilization with Responsibility” brightens the new age of antiquities. In an unprecedented challenge, WAC aspires to be a “ Mountain Climber”, always breaking boundaries and striving to reach the top in the lighting industry.

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.

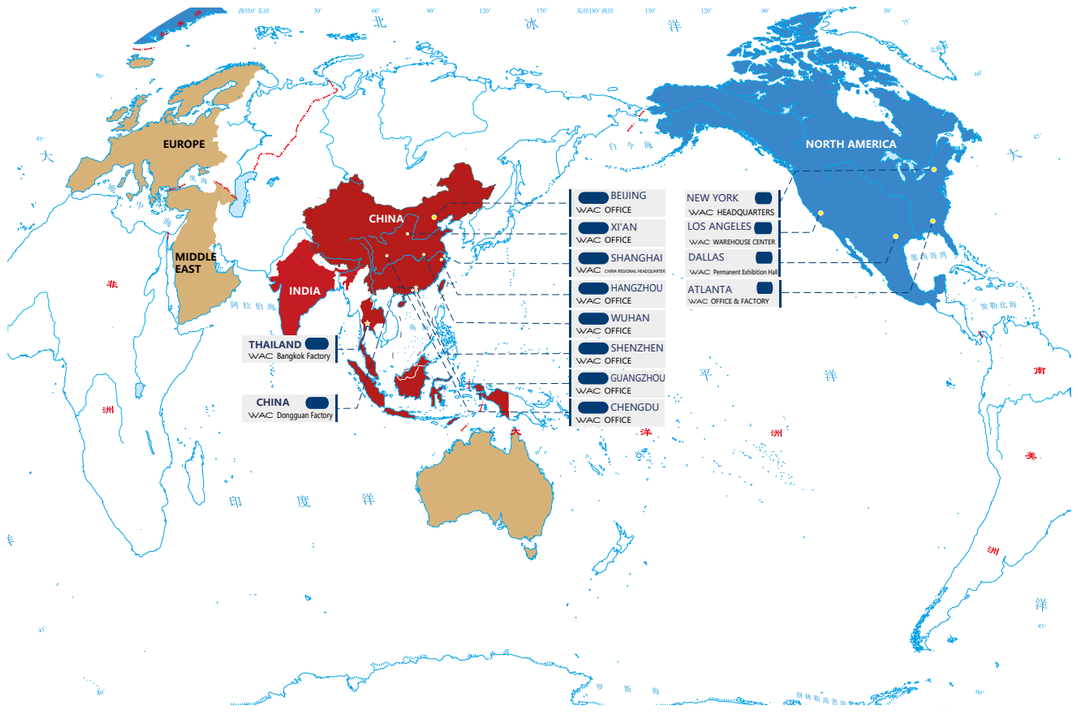
Embracing the concept of "Act Locally, Think Globally", WAC operates an exclusive R&D center and factory in China to create extraordinary lighting experiences for diverse spaces with innovative technology, excellent quality and first-class service.

With our technological advantages in high-end exhibition areas, we have served more than 40% of the national-level museums in China. By participating and developing standards, WAC leads with innovations and sets up benchmarks with quality in lighting industry.

In terms of designing lighting for national conferences and summits, WAC has achieved considerable success in China. In addition, WAC offers lighting solutions for recognized landmarks across various Chinese cities and actively contribute to the designing of lighting for upscale museums.

Milestone

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.



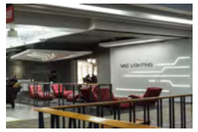
1984

NEW YORK, THE UNITED STATES

Established

1993

DALLAS, THE UNITED STATES



Permanent Showroom

1997

DONGGUAN, CHINA

The First Manufacturing Site

1998

CALIFORNIA, THE UNITED STATES

West Coast Branch Office

2000

Chinese Market Expansion

WAC's First Museum Project in China

2010

SHANGHAI, CHINA

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

2014

ATLANTA, THE UNITED STATES

Branch Office

2019

dweLED德里格

dweLED
德 里 格

Professional Home Lighting Brand
dweLED Officially Introduced to the Chinese Market

2021

BANGKOK, THAILAND

Production Started

SCHONBEK 1870

Acquisition of Century-old Luxury Crystal Brand SCHONBEK

2024

40th Anniversary of the Brand

40 YEARS OF EXCELLENCE

Forty Years of Responsibility

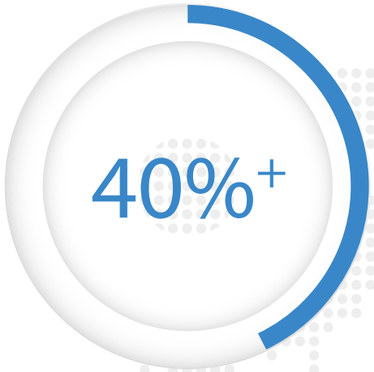
Manufacturing

- 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

- In 2021, the Thailand factory started operation.
- 57,700 square meters of manufacturing space.
- Sustainable production and manufacturing
- Advanced modular materials and construction techniques ensure that the interior is fully insulated and recycled to minimize carbon footprint.

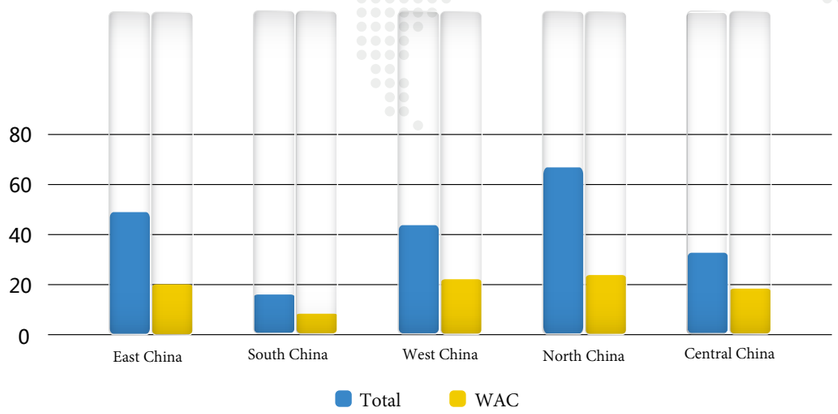
Industry-leading

In the field of exhibition lighting, WAC boasts a strong market share exceeding 40% in the first-class museums at the highest level.



Percentage of WAC Lighting in national-level museums

First Class National Museum Projects



Patented Technology

300+ Patents

23+

Patents of Invention

Patent for the 'Study of Light Colours in the Bronze Illumination', with the highest value, has been successfully applied to the MERE series.

169+

Utility Models

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

119+

Appearance Patents

Distinctive product designs such as The Falcon

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

First-class Museums

Beijing Xiangshan Museum of Revolutionary History
Beijing National Museum
Beijing Capital Museum
Beijing China Party History Museum
Beijing New Museum of China's First Historical Archives
Beijing Military Museum of the Chinese Revolution
Beijing Chinese People's War of Resistance Against Japanese Aggression Memorial Hall
Beijing National Museum of China
Beijing China Customs Museum
Beijing China Garden Museum
Beijing China Science and Technology Museum
Beijing China Museum of Women and Children
Beijing China Railway Museum
Beijing The Palace Museum
Beijing China Museum of Modern Literature
Beijing China Agricultural Museum
Beijing Lu Xun Museum
Beijing Zhoukoudian Peking Man Site Museum
Guangdong Guangzhou Museum
Guangdong Guangdong Provincial Museum
Guangdong Guangzhou Xinhai Revolution Memorial Museum
Guangdong Shenzhen Museum
Guangdong Guangdong Nan Yue Wang Palace Museum
Hebei Handan Museum of Culture and History
Hebei Hebei Provincial Museum
Hebei Tangshan Museum
Shanghai Chen Yun Memorial Museum
Anhui Museum
Henan Henan Museum
Henan Zhengzhou Museum
Henan Museum of Chinese Characters
Henan Luoyang Museum
Hunan Provincial Museum
Hunan Shaoshan Chairman Mao Memorial Museum
Hunan Changsha Museum
Jiangsu Nanjing City Wall Museum
Jiangsu Xuzhou Museum
Jiangsu Nanjing Museum
Jiangsu Nanjing Massacre Memorial Museum
Jiangsu Nanjing Yuhuatai Museum
Jiangsu Changzhou Museum
Jiangsu Yixing Museum
Ningxia Ningxia Museum
Qinghai Qinghai Provincial Museum
Gansu Lanzhou Museum
Guangxi Guilin Museum
Hubei Hubei Provincial Museum
Hubei Wuhan Yangtze River Civilisation Museum
Hubei Wuhan Museum
Hubei Enshi Museum
Jiangxi Jingdezhen Imperial Kiln Museum
Jiangxi Nanchang Han Dynasty Haihun Houguo Site Museum
Jiangxi Jiangxi Provincial Museum
Shandong Shandong Museum
Shandong Confucius Museum
Shandong Linyi Museum
Shandong Qingdao Museum
Shanxi Shanxi Museum
Shanxi Taiyuan Museum
Shanxi Yuncheng Museum
Shaanxi Museum of History
Shaanxi Xi'an Museum of History
Shaanxi Xi'an Museum of Terracotta Warriors and Horses
Shaanxi Yan'an Revolutionary Memorial Museum
Sichuan Museum
Sichuan University Museum
Sichuan Chengdu Wuhou Temple Museum
Sichuan Guanghan Sanxingdui Museum
Sichuan Yibin Museum
Sichuan Zigong Dinosaur Museum
Sichuan Chengdu Museum
Sichuan Deng Xiaoping Memorial Museum
Sichuan Wenchuan Earthquake Museum
Zhejiang China Tea Museum
Zhejiang Nanhu Revolutionary Memorial Museum
Zhejiang Jiaxing Museum
Zhejiang Shaoxing Museum
Zhejiang Provincial Museum
Zhejiang Nature Museum
Zhejiang China Silk Museum
Zhejiang Hangzhou West Lake Museum
Zhejiang Ningbo Museum
Zhejiang Liangzhu Museum
Inner Mongolia Nature Museum
Inner Mongolia Natural History Museum
Inner Mongolia Alashan Museum
Inner Mongolia Ordos Museum
Inner Mongolia Inner Mongolia Museum
Inner Mongolia Hulunbeier Nature Museum
Heilongjiang Daqing Wetland Museum
Heilongjiang Japanese Invasion Forces 731st Crime Evidence Exhibition Hall
Yunnan Kunming Museum
Yunnan Yunnan Museum
Jiangxi Jiujiang Museum
Jiangxi Nanchang Eighty-first Uprising Memorial Hall
Liaoning Anti-Americanism Memorial Museum

Second-class Museums

Hebei Cangzhou Museum
Hebei Langfang Museum
Anhui Maanshan Museum
Anhui Wuhu Museum
Henan Xinyang Museum
Henan Xuchang Museum
Hunan Changde Museum
Hubei Huanggang Museum
Shaanxi Weinan Museum
Sichuan Ya'an Museum
Chongqing Yunyang Museum
Zhejiang China Wetland Museum
Zhejiang Jinhua Museum
Inner Mongolia Loop Culture Museum
Jiangxi Yichun Museum
Liaoning Jinzhou Museum

Other Museums

Beijing Exhibition Centre of the History of the Communist Party of China
Beijing Shougang Museum
Beijing China Numismatic Museum
Beijing Central Propaganda Department Project 21 Party History Museum
Beijing Niulanshan Erguotou Wine Culture Park
Beijing Zhongguancun Forum
Beijing Central Party School Exhibition Hall
Beijing China Sculpture Academy
Beijing National Museum of Chinese Canonical Books
Beijing Olympic Museum
Beijing Museum of Courts
Beijing Moon Festival Museum
Beijing Police Museum
Beijing Tibet Museum
Beijing Xu Beihong Memorial Hall
Beijing Summer Palace Wenchang Yuan
Beijing Imperial City Museum
Beijing Minsheng Art Museum
China Arts and Crafts Museum, Beijing
Beijing Middle Art Museum
Beijing Mingxintang Art Museum
Beijing National Art Museum of China
Beijing Central Art Museum
Beijing Jun Museum
Beijing HAN Meilin Art Museum
Beijing Shanshui Art Museum
Beijing Chikuzhong Art Museum
Beijing Air Command College Art Museum
Guangdong Nanhan Erling Museum
Guangdong Shenzhen Jewellery Museum
Guangdong Shenzhen Longgang Three Museums
Guangdong Shenzhen Jinli Jewellery Exhibition Hall
Guangdong China Merchants Historical Museum
Guangdong Luohu Archives
Guangdong Shenzhen Contemporary Art and Urban Planning Museum
Guangdong Nantou Ancient City Museum
Guangdong Zhuhai Hengqin Rosewood Museum
Guangdong Shenzhen Film Museum
Guangdong Dongguan Coin Museum
Guangdong Zengcheng Museum
Guangdong Conghua Museum
Guangdong Zhanjiang Military Museum
Guangdong Guangdong Museum of Finance
Guangdong Huizhou Su Dongpo Museum
Guangdong Guangzhou Lujiang Academy
Guangdong Foshan Nanhai Museum
Hebei China Grand Canal Intangible Cultural Heritage Exhibition Centre
Hebei Xingtai Museum
Hebei Zhuozhou Museum
Hebei Qian'an Museum
Hebei Tangshan Longda Pottery Museum
Hebei Shijiazhuang Baoshan Collection
Hebei Dafang Palace of Nationalities
Shanghai Minhang District Museum
Shanghai Centre Treasure House Artisanal Museum
Shanghai Aurora Museum
Shanghai Wu Changshuo Memorial Museum
Shanghai China Modern Press Museum
Shanghai Palace of Chinese Art
Shanghai Shanghai Film Museum
Shanghai Museum of Civil Affairs
Shanghai Museum of Traditional Chinese Medicine
Shanghai Anti-Drug Museum
Shanghai Fire Fighting Museum
Shanghai Textile Museum
Shanghai Guanfu Museum
Shanghai Shanghai Art Museum
Shanghai Yibo M50 Art Museum
Shanghai Long Museum, Shanghai
Shanghai Himalayan Art Museum, Shanghai
Shanghai Meilidao Art Museum
Shanghai Jiading Art Museum, Shanghai
Anhui Hanshan Museum
Anhui Hefei Celebrity Museum
Anhui Xuanpaper Museum
Anhui Anhui Paleontological Fossil Museum
Fujian Fuzhou University New History Museum
Fujian Pucheng Art Museum
Yunnan Dehong Dai and Jingpo Autonomous Prefecture Museum
Liaoning Jinzhou Museum

Other Museums

Henan Henan Cao Cao Tomb
Henan Luoyang Archaeological Museum
Henan Sui Tang Grand Canal Museum
Henan Zhengzhou Shangdu Ruins Museum
Henan Yellow River Museum
Henan Luohe Museum
Henan Ideal Art City
Henan Yuzhou Junguan Kiln Museum
Henan Du Fu Memorial Museum
Henan Xuchang Pagoda Culture Museum
Henan Xinzheng Carriage Pit Museum
Hunan Huaihua Wang Youwei Memorial Hall
Hunan Anhua Black Tea Exhibition Centre
Hunan Changsha Party History Museum
Hunan Xiangtan Planning Museum
Jilin Yanji Dinosaur Museum
Jilin China Optical Museum
Jilin Changchun Museum of the Forged Manchu Imperial Palace
Jiangsu Nanjing Jiangbei High-tech Zone Civic Exhibition Centre
Jiangsu Nanjing Six Dynasties Museum
Jiangsu Jiangsu Yancheng Wetland Museum
Jiangsu China Science and Technology Museum
Jiangsu Taiping Heavenly Kingdom History Museum
Jiangsu Nanjing Niushoushan Fuding Palace
Jiangsu Lianshui Museum
Jiangsu Nanjing Yuhuatai Museum
Jiangsu Nanjing Land Tax Museum
Jiangsu Nanjing Homo erectus fossil site museum
Jiangsu Nanjing Nanjing River Crossing Victory Memorial Museum
Jiangsu Nanjing Tangzijie Museum
Jiangsu Zhenjiang Museum
Jiangsu Taizhou Museum
Jiangsu Huaian Planning Museum
Jiangsu Wuxi Ancient Canal Museum
Jiangsu Nantong Jianghai Museum
Jiangsu Nanjing Tangzijie Museum
Jiangsu Nantong Jianghai Museum
Hubei Jingmen Museum
Hubei Ruzhou Celadon Museum
Hubei Chibi green brick tea pavilion
Hubei Yichang Party History Museum
Hubei Wuchang Agricultural Institute Memorial Hall
Hubei Zhang Zhidong Museum
Hubei Wuhan Yangtze River Nature Museum
Jiangxi Jishui Xianxian Cultural Park/Jinshi Cultural Park
Jiangxi Nanchang Military Equipment Exhibition Centre Light Weapons Exhibition Hall
Jiangxi Nanchang Tengwangge
Shandong Shandong Integrity Education Museum
Shandong Jinan Battle Memorial Museum
Shandong Qingzhou Museum
Shandong Penglai Ancient Ship Museum
Shandong Yantai Denzhou Museum
Shandong Denzhou Ancient Ship Museum
Shanxi Yongji Museum
Shaanxi Shenmu Shi'an Ruins Museum
Shaanxi Chenggu Museum
Shaanxi Daming Palace Ruins Museum
Shaanxi Baoji Yandi's Hometown
Sichuan Luojiaba Ruins Museum
Sichuan Suining Song Porcelain Museum
Sichuan Suining Museum
Sichuan Yibin Pingshan County Museum
Sichuan Chengdu Planning Museum
Sichuan Deyang Museum
Sichuan Panzhihua Museum
Sichuan Ganzi Autonomous Prefecture Ethnic Museum
Sichuan Beichuan Earthquake Memorial Museum
Sichuan Leshan Giant Buddha Exhibition Hall
Sichuan Li Bai Memorial Hall
Sichuan Lushan Museum
Chongqing Wanzhou Three Gorges Migration Museum
Chongqing Dazu Stone Carving Art Museum
Chongqing Kaizhou Museum
Zhejiang Hangzhou Jinghang Grand Canal Museum
Zhejiang Hangzhou Jiangnan Canal Poetry Museum
Zhejiang Anji Ancient City Ruins Museum
Zhejiang Jiashan Museum
Zhejiang Jiaxing Shen Junru Memorial Museum
Zhejiang Ningbo Fenghua Museum
Zhejiang Shaoxing Meteorological Museum
Zhejiang Wenling Museum
Zhejiang Lin'an Museum
Zhejiang China Harbour Museum
Zhejiang Nan Song Guan Kiln Site Museum
Zhejiang Hangzhou Museum of Arts and Crafts
Zhejiang Hangzhou Weiqi Museum
Zhejiang Freshwater Fish Museum
Zhejiang Ningbo Tea Culture Museum
Zhejiang Ningbo Yinzhou Revolutionary Memorial Museum
Zhejiang Ask Liu Ji Museum
Zhejiang Quzhou Museum
Zhejiang Rui'an Museum
Zhejiang Dongyang Woodcarving Museum
Zhejiang Folk Art Museum
Zhejiang Haiyan Museum
Zhejiang Fuyang Museum
Zhejiang Cixi Science and Technology Museum
Zhejiang Cixi Party History Museum
Zhejiang Fuchunshan Museum
Zhejiang China Animation Museum
Zhejiang Zhejiang Nature Museum
Zhejiang China Jiangnan Water Town Culture Museum
Zhejiang Geological Museum
Zhejiang Hangzhou Deshou Palace
Tianjin National Maritime Museum
Inner Mongolia Autonomous Region Baotou Rare Earth Museum
Inner Mongolia China Qidan Museum
Inner Mongolia Ulanchab Museum
Inner Mongolia Cilechuan Museum
Inner Mongolia Jungar Museum
Inner Mongolia Manzhouli Museum
Inner Mongolia Erlianhot Dinosaur Museum
Inner Mongolia Genghis Khan Cultural Heritage Museum
Xinjiang Xinjiang Kashgar Museum
Xinjiang Urumqi Museum
Xinjiang Xinjiang Military Reclamation Museum
Ningxia Ningxia Xixia Wangling Museum
Ningxia Guyuan Museum
Qinghai Qinghai Haixi Dakunlun Museum
Qinghai Yushu Museum

Galleries

Beijing Minsheng Art Museum
China Arts and Crafts Museum, Beijing
Beijing Middle Art Museum
Beijing Mingxintang Art Museum
Beijing National Art Museum of China
Beijing Central Art Museum
Beijing Jun Museum
Beijing HAN Meilin Art Museum
Beijing Shanshui Art Museum
Beijing Chikuzhong Art Museum
Beijing Air Command College Art Museum
Shanghai Yibo M50 Art Museum
Shanghai Long Museum, Shanghai
Shanghai Himalayan Art Museum, Shanghai
Shanghai Meilidao Art Museum
Shanghai Jiading Art Museum, Shanghai
Anhui Suzhou Art Museum
Fujian Pucheng Art Museum
Guangdong New Museum of Art
Guangdong Lingnan Art Museum
Guan Shanyue Art Museum, Shenzhen, Guangdong
Guangdong Artron Art Museum, Shenzhen
Guangdong Lingnan Painting Academy Art Museum
Guangdong Yihaitang Art Museum
Guangdong Junfeng Art Museum
Guangdong Xusheng Art Museum
Henan Puyang Yunqi Furniture Art Museum
Henan Zhengzhou Wu Xing Art
Henan Zhengzhou Art Museum
Hubei Wuhan Qintai Art Museum
Jiangsu Nanjing New Art Museum
Jiangsu Nanjing Jiangbei Art Museum
Jiangsu Nanjing Deji Art Museum
Jiangsu Nantong Art Museum
Jiangsu Jiangsu Yixing Dajuesi Art Museum
Jiangsu Yixing Art Museum
Jiangsu Nanjing Zijin Cultural and Creative Park Art Museum
Jiangxi Nanchang Hengmao Art Museum
Shandong Rizhao Art Museum
Shanxi Datong Art Museum
Xi'an Museum of Art, Shaanxi
Xi'an Qujiang Museum of Art, Shaanxi
Guangxi Art Museum
Sichuan Chengdu Gap Art Museum
Sichuan Chengdu Financial Innovation Centre Art Museum
Sichuan Suining Art Exhibition Hall
Sichuan Museum of Art
Sichuan Museum of Contemporary Art
Sichuan Chengdu Blue Roof Art Museum
Sichuan University Art Museum
Xinjiang Xinjiang Art Museum
Shandong Qingdao Art Museum
Henan Henan Art Museum
Hebei Shijiazhuang Art Museum
Hebei University of Science and Technology Art Museum
Tianjin Academy of Fine Arts Art Museum
Hubei Wuhan University of Technology Art Museum
Hubei Wuhan Art Museum (Qintai Hall)
Heilongjiang Museum of Fine Arts
Inner Mongolia Modern Art Museum
Zhejiang Hangzhou Han Meilin Art Museum
Zhejiang Art Museum of China Academy of Fine Arts
Zhejiang Guangda Art Museum
Zhejiang Hangzhou Saili Art Museum
Zhejiang Xihu Art Museum
Zhejiang Mu Xin Art Museum
Tianjin Tianjin Academy of Fine Arts Museum
Shandong Shandong Art Museum
Shandong Jinan Art Museum

Temples

Chongqing Wulong Jingxin Temple
Chongqing Wulong Laiba Earth Art
Jiangsu Nanjing Niushoushan
Shandong Qufu Nishan Holy Land Confucian Palace
Yunnan Songtsam Forest Monastery

Special Projects

Hubei Xiangyang Science and Technology Museum
Fujian Putian Science and Technology Museum
Fujian Quanzhou Science and Technology Museum
Hubei Wuhan Zhongjian Science and Technology Museum
Shandong Qingdao Science and Technology Museum
Shandong Rizhao Science and Technology Museum
Zhejiang Zhejiang Jinhua Science and Technology Museum
Shanghai Shanghai Planetarium
Shanghai Songjiang District Culture Centre New Library Branch
Shanghai Shanghai Library East Hall
Jiangsu Nanjing Jiangbei Library
Sichuan Suining Library
Inner Mongolia Ulanchabu Science and Technology Museum

The Palace Museum

Beijing, China

Floor Area: approximately 723,600 m2

National Museum of China

Beijing, China

Floor Area: approximately 200,000 m2

National Museum of Classic Books

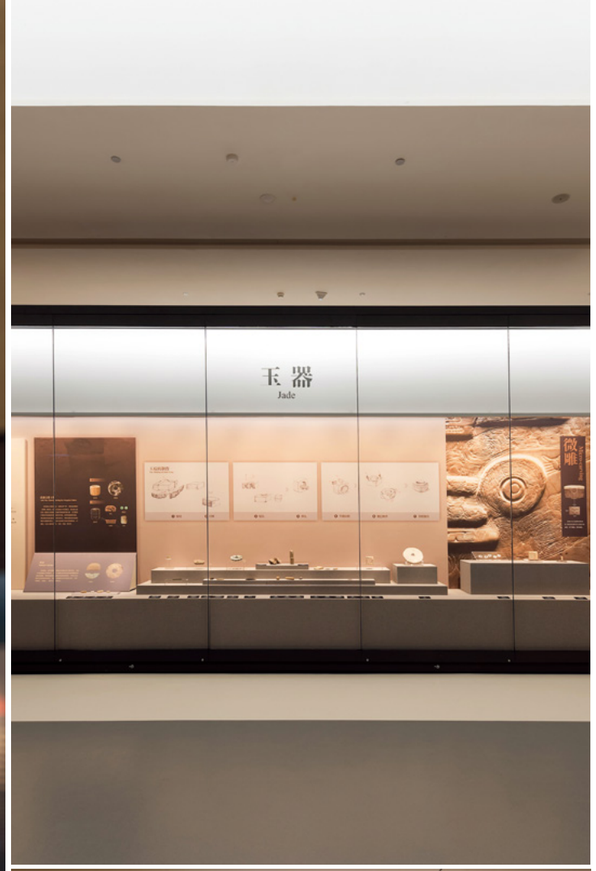
Beijing, China

Floor Area: approximately 11,500 m2

Museum of the War of Peoples Resistance Against Japanese Aggression

Beijing, China

Floor Area: approximately 36,100 m2



Liangzhu Museum

Hangzhou, Zhejiang Province

Floor Area: approximately 10,000 m2

Zhejiang Natural History Museum, Anji branch

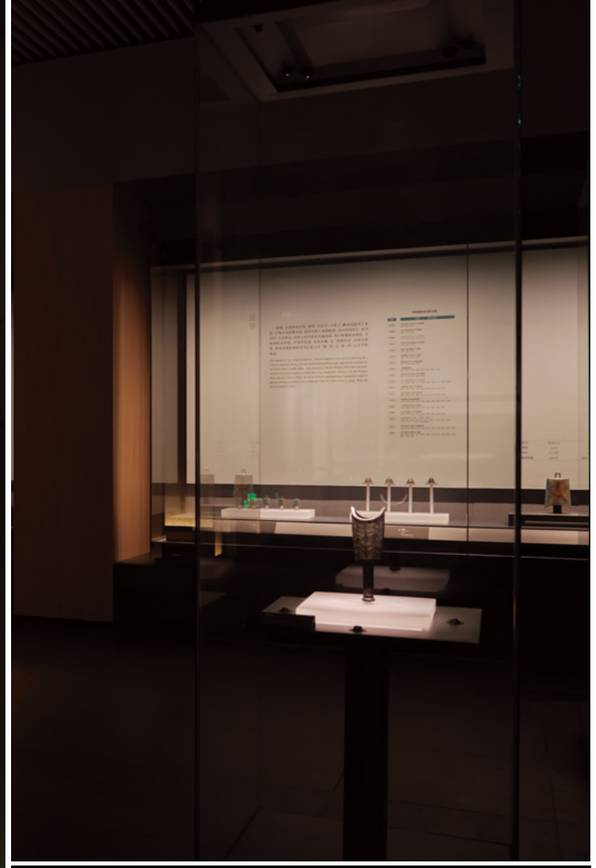
Huzhou, Zhejiang Province

Floor Area: approximately 61,000 m2

Jingdezhen Imperial Kiln Museum

Jingdezhen, Jiangxi Province

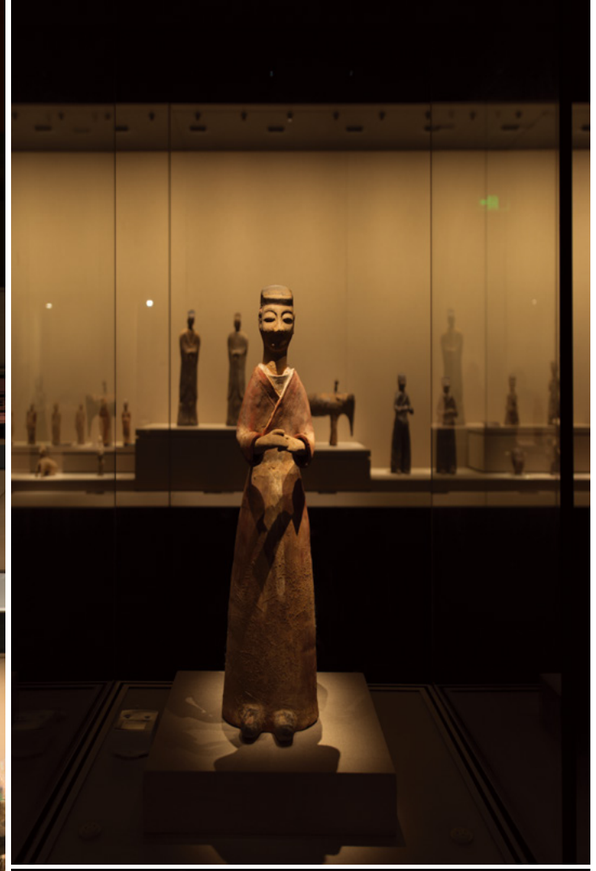
Floor Area: approximately 10,400 m2



Hubei Provincial Museum

Wuhan, Hubei Province

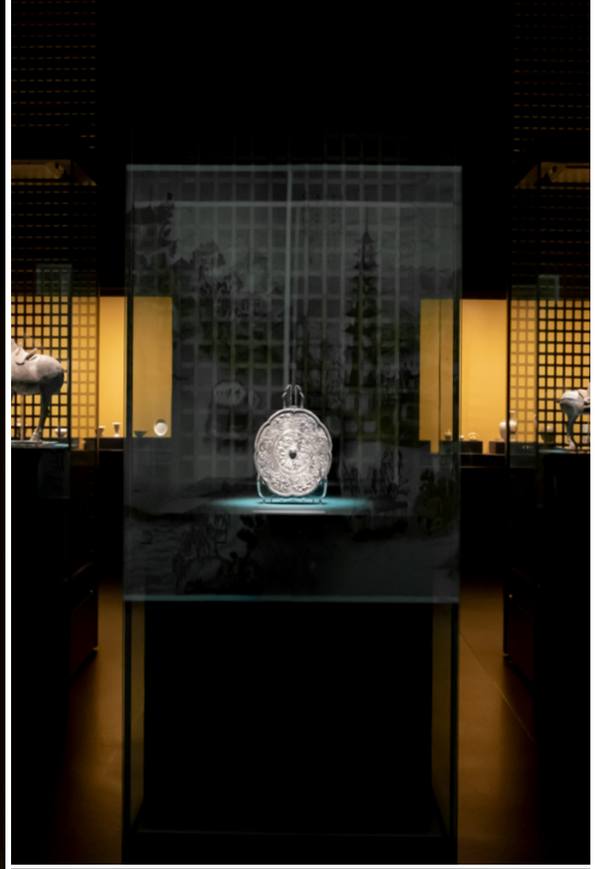
Floor Area: approximately 114,000 m2

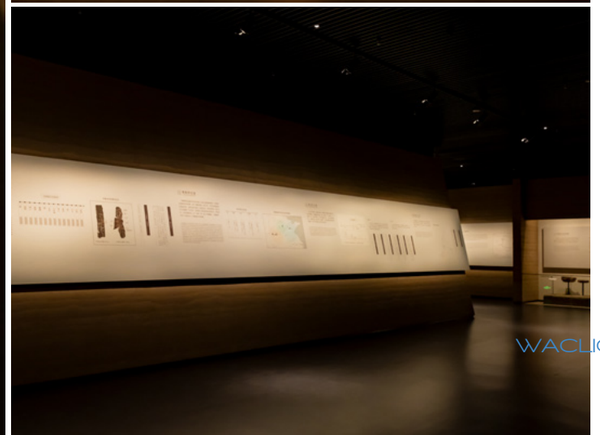


Xuzhou Museum

Xuzhou, Jiangsu Province

Floor Area: approximately 27,000 m2

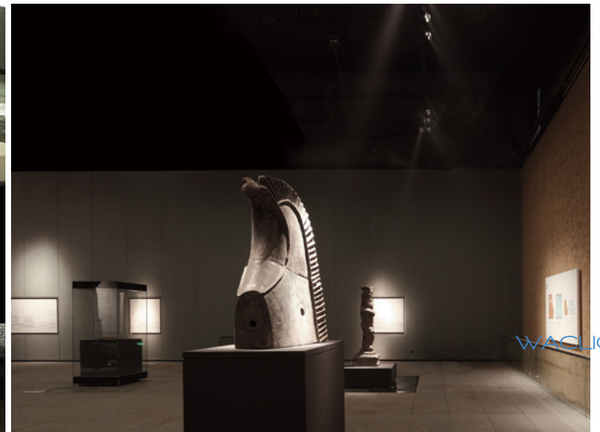




Zhengzhou Shang Dynasty Site Museum

Zhengzhou, Henan Province

Floor Area: approximately 75,000 m2



Daming Palace Heritage Museum

Xi'an, Shanxi Province

Floor Area: approximately 10,000 m2

Luoyang Museum

Luoyang, Henan Province

Floor Area: approximately 62,000 m2

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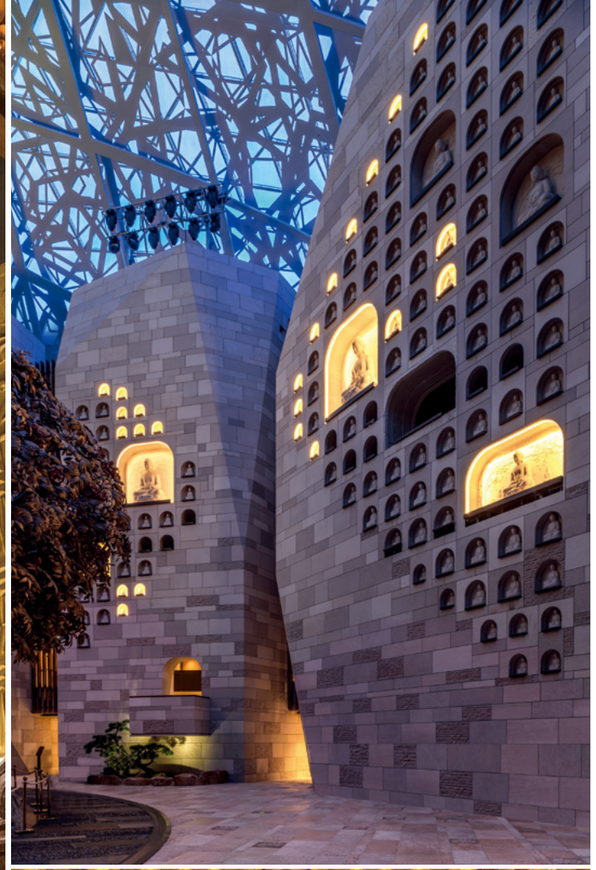
Sanxingdui Museum

Guanghan, Sichuan Province

Floor Area: approximately 54,000 m2



Nanjing Niushou Mountain

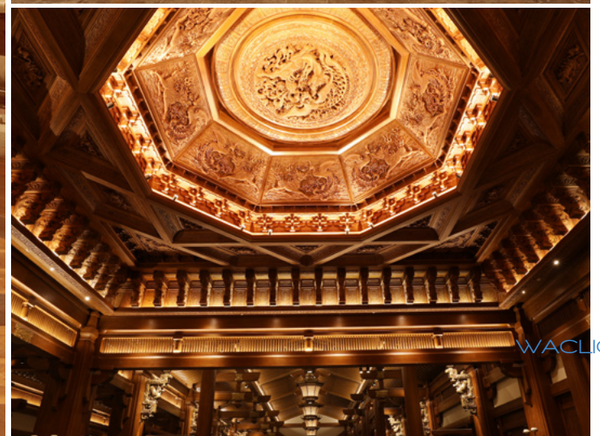
Nanjing, Jiangsu Province

Floor Area: approximately 136,000 m2

Jiuhuashan Dayuan Buddhist Culture Park

Chizhou, Anhui Province

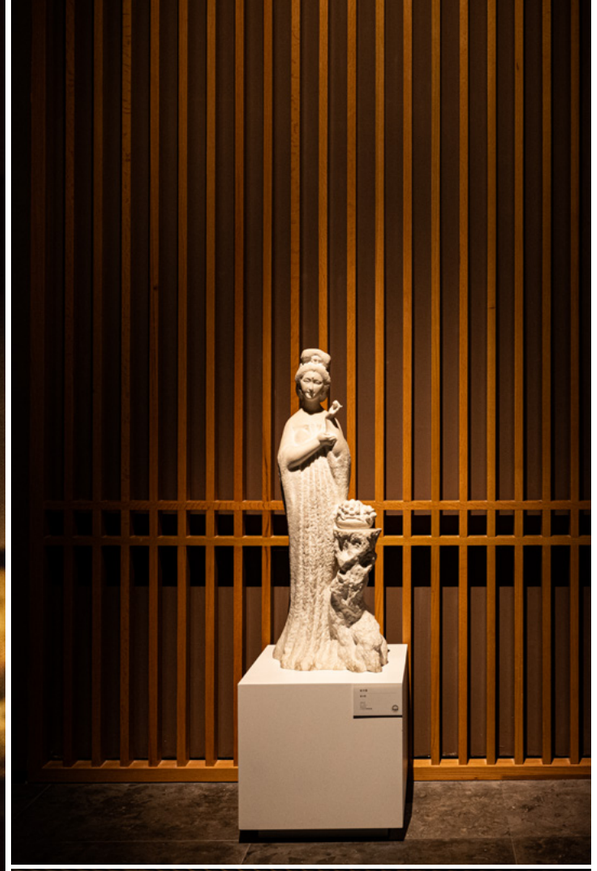
Floor Area: approximately 20,000 m2



Confucian Palace in Nishan Holy Land

Qufu, Shandong Province

Floor Area: approximately 70,000 m2



Guangzhou Museum of Art (New Hall)

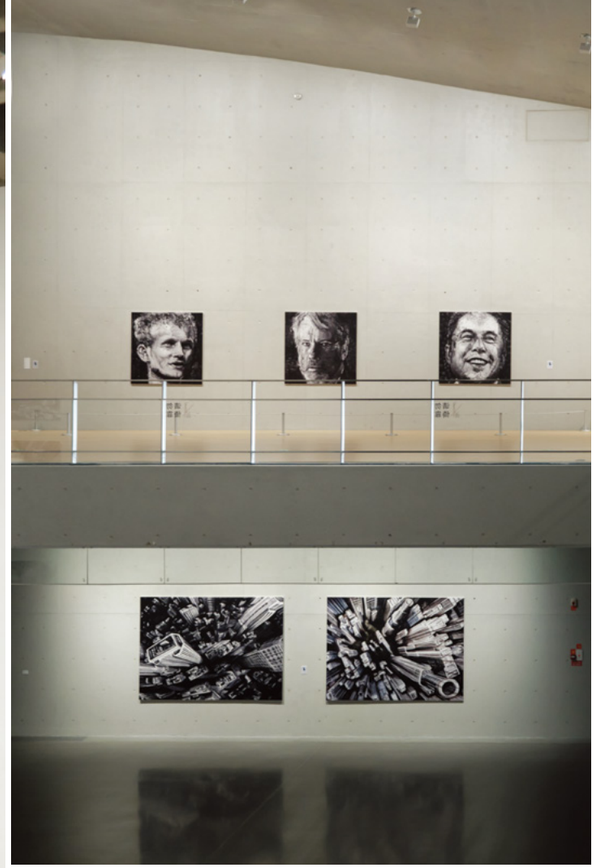
Guangzhou, Guangdong Province

Floor Area: approximately 40,300 m2

Zhengzhou Art Museum (New Hall)

Zhengzhou, Henan Province

Floor Area: approximately 23,000 m2



Wuhan Art Museum (Qintai)

Wuhan, Hubei Province

Floor Area: approximately 43,000 m2

Long Museum

Shanghai, China

Floor Area: approximately 10,000 m2

Heilan Gallery

Jiangying, Jiangsu Province

Floor Area: approximately 100,000 m2

Shanghai Himalayas Museum

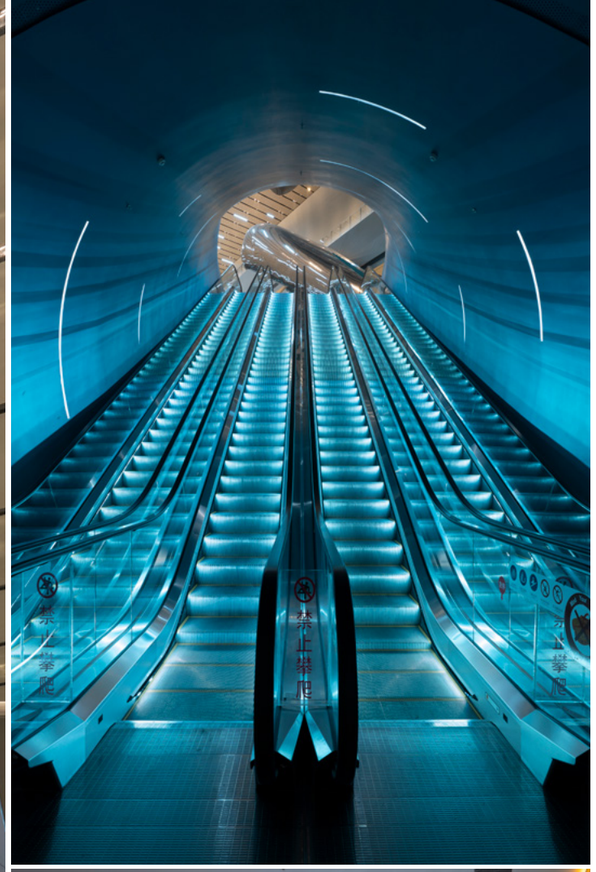
Shanghai, China

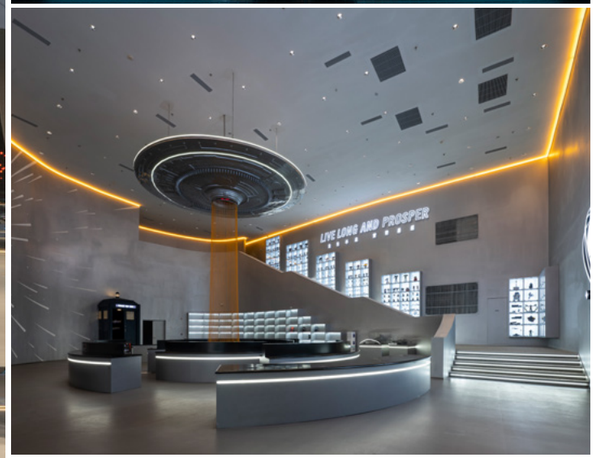
Floor Area: approximately 2,000 m2

Shanghai Astronomy Museum

Shanghai, China

Floor Area: approximately 37,000 m2

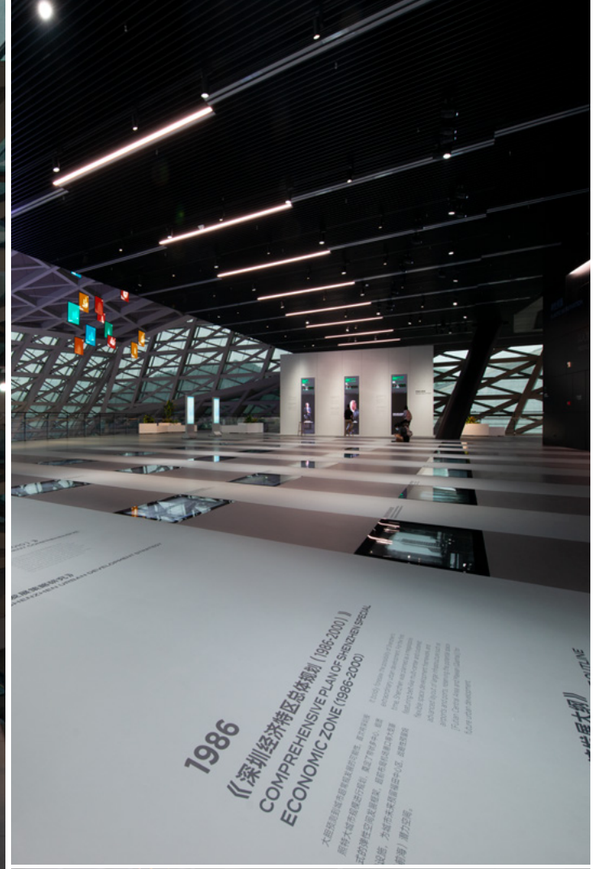




Chengdu Science Fiction Museum

Chengdu, Sichuan Province

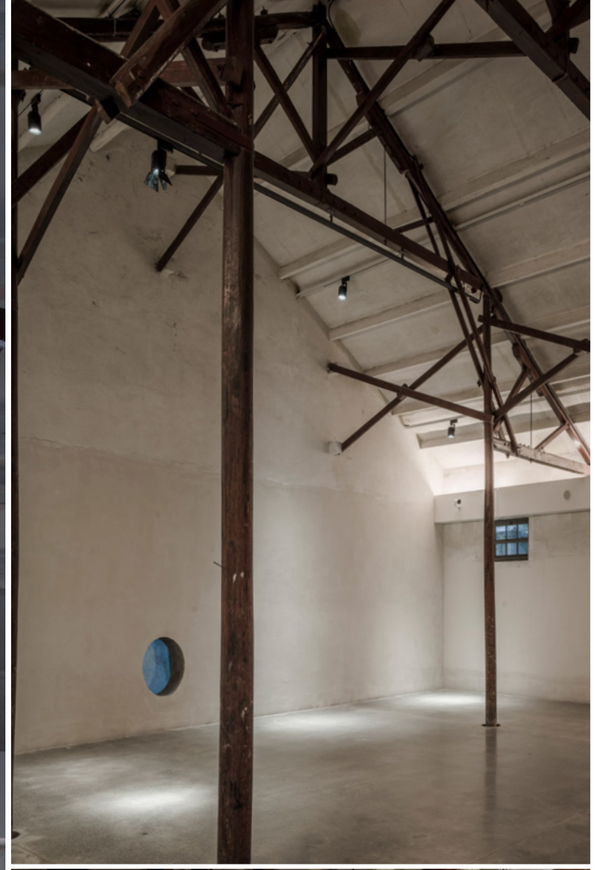
Floor Area: approximately 59,6000 m2

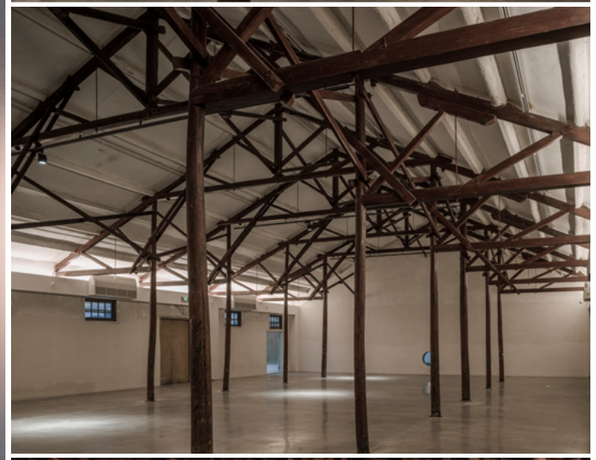


Shenzhen Museum of Contemporary Art and Urban Planning

Shenzhen, Guangdong Province

Floor Area: approximately 91,000 m2





Exhibition Hall and Studio of Wuzhen North Zone Granaries

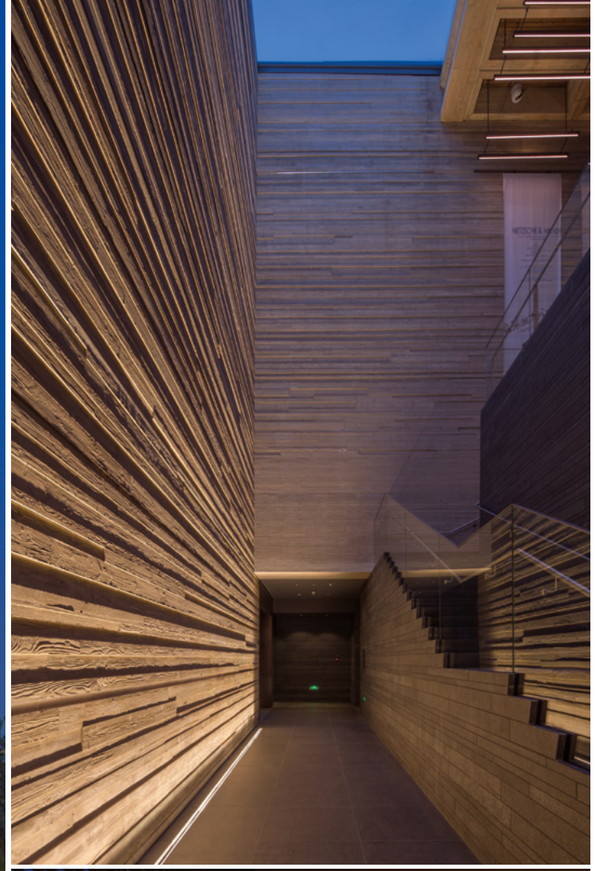
Jiaxing, Zhejiang Province

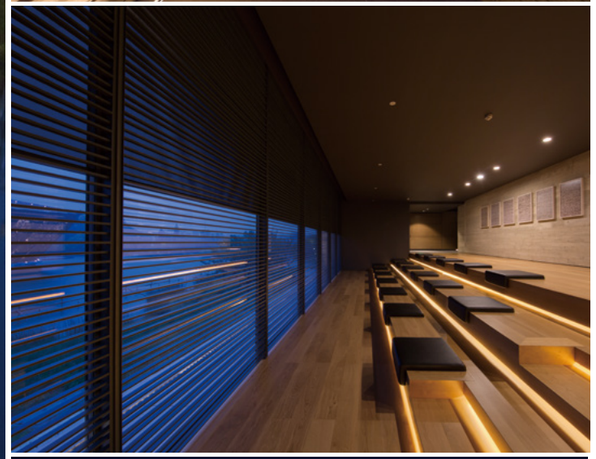
Floor Area: approximately 3,500 m2

Imperial Examination Museum of China

Nanjing, Jiangsu Province

Floor Area: approximately 200,000 m2





Mu Xin Art Museum

Tongxiang, Zhejiang Province

Floor Area: approximately 6,700 m2

03

MUSEUMS & LIGHTING

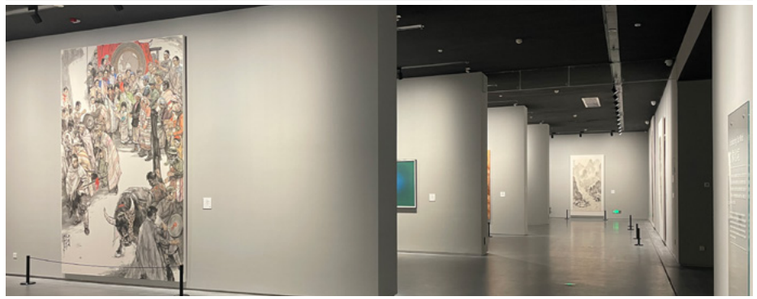
Types of Museums

Museums, generally non-profit permanent institutions serving the community, are concerned with the study, collection, conservation, interpretation and presentation of tangible and intangible heritage. They are open to the public, accessible and inclusive, contributing to diversity and sustainability. By operating and communicating in an ethical and professional manner, it provides a variety of experiences for education, enjoyment, reflection and knowledge sharing, involving the community.

Museums are an indispensable symbol of the cultural development of a country or a region. They are established to host and preserve the imprints of history for the people, while presenting them in a better way, allowing future generations to look back and perceive the important moments of history through these real objects. The types of museums are diversified, and are broadly categorized as: history museums, art museums, science museums and theme museums.

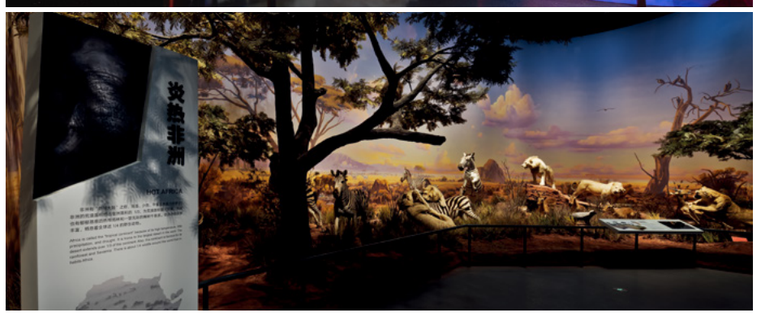
History Museum

Art Museum



Science Museum

Theme Museum



Museum Lighting

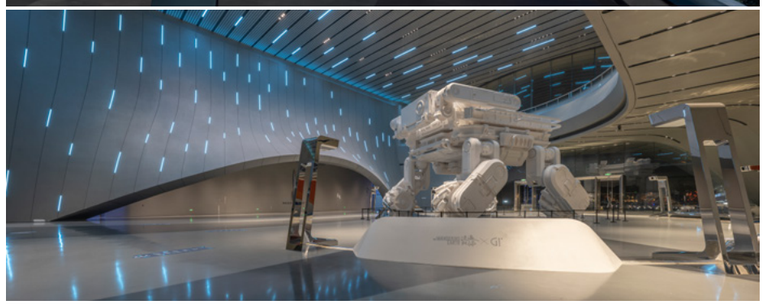
With the diversified development of society, museums today have formed a multi-functional cultural complex, which aims not only to satisfy the public's appreciation and research purposes, but also needs to demonstrate its professionalism by using the global standards.

Consequently, an increasing number of professionals and teams are involved in the construction of museums. The lighting design, which determines the light environment and spatial artistic effect of the museum, is particularly important. To explore the museum lighting, the scope of its involvement should at least include the exhibition cabinet lighting, display space lighting, public space lighting, building facade and landscape lighting.

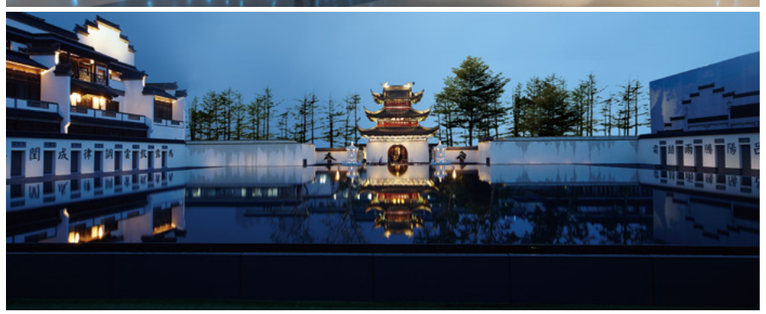
Exhibition Cabinet Lighting

Display Space Lighting

Public Space Lighting



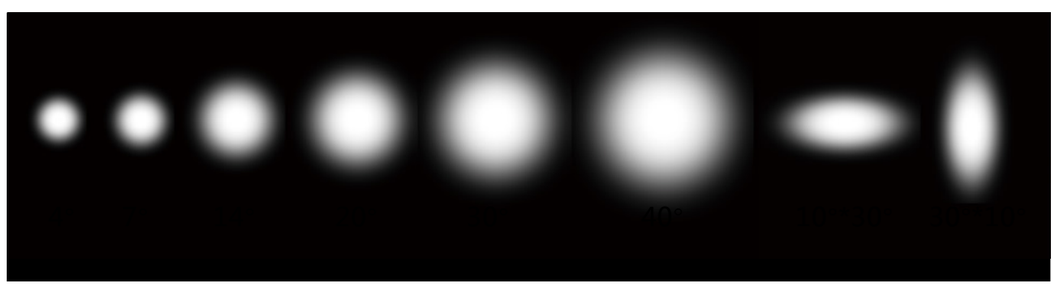
Building Facede & Landscape Lighting



Accent Lighting

Accent lighting is the foundation of museum lighting.

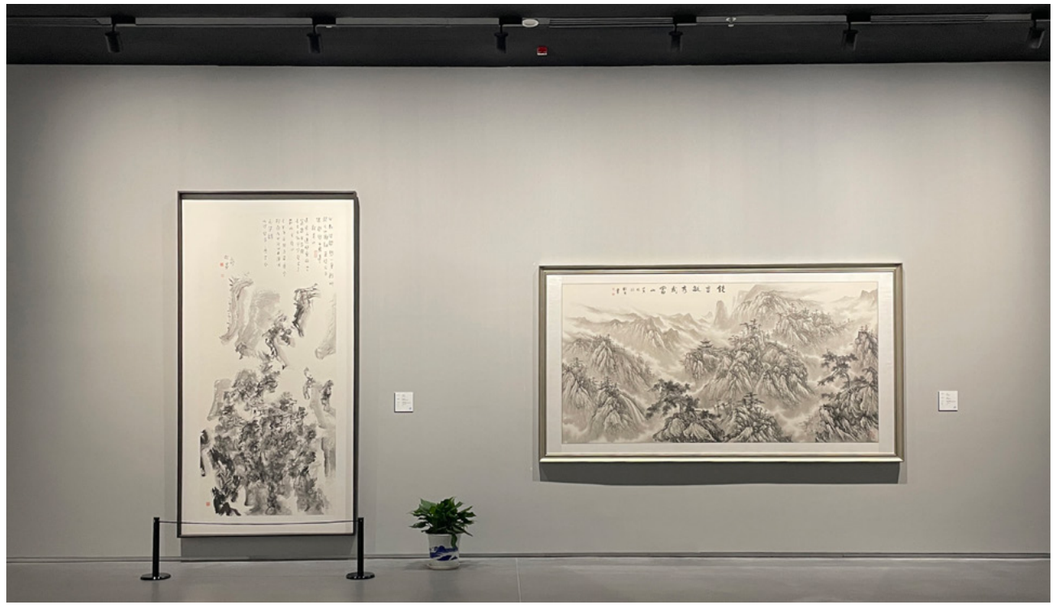
Attracting, Showing, Interpreting, and Associating are the four stages of the role of accent lighting, the silent guide and interpreter in the museum.



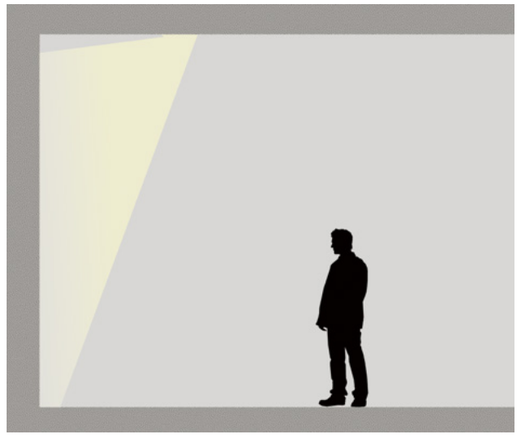
In accent lighting, the most commonly utilized lights are track spotlights. For these track lights, precise light control remains our top priority. In terms of symmetrical light distribution, we will configure a full range of beam angles, allowing for easy response to different needs in the project. The National Museum of China, for example, in such a very large-scale exhibition space, there are large format, medium format, and smaller sized three-dimensional displays, etc., which require a combination of products with different beam angles for application.

Wall-washing Lighting

Wall-washing lighting tends to be the most demanding lighting system in terms of optical design, requiring comprehensive consideration of the distribution of light in the full direction of the space, the correlation between fixture to fixture, fixture to space, and possible glare interference. While high quality wall-washing lighting system delivers a stunning and bright visual experience.



Humans intuitively perceive spatial dimensions by relying primarily on vertical surfaces, which dominate our field of vision and provide indispensable information for visual perception. Lighting design that creates a sense of space is undoubtedly an essential core element of high-quality architectural lighting.

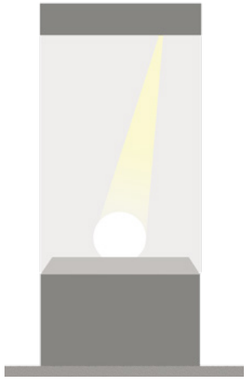


Showcase Lighting

Penetration, as the gift of the light. Whether inside or outside the showcase, provided that the light source gets precisely positioned, it delivers an impeccable lighting masterpiece with its penetrating power.

Exhibition cabinets tend to be the center of vision in museums with soft lighting. The special nature of the display cabinets belongs to the fact that the display of exhibits requires unique lighting to form a sharp contrast with other exhibition rooms, which creates a fascinating atmosphere with the general lighting in the exhibition room in warm colors and the lighting in the display cabinets in cold colors. Lighting design of display cabinets is generally categorized into built-in luminaires and external luminaires.

Internal luminaires

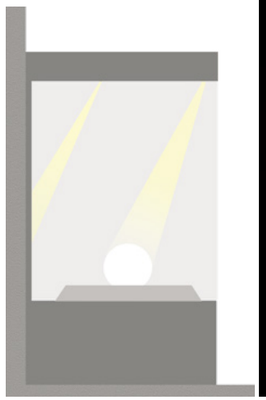


External luminaires

Through-cabinet Lighting

Depending on the size of the exhibits in the display cases, WAC offers a variety of symmetrical light distribution from very narrow angle to medium-large angle, wall-washing light distribution or a variety of combinations, which meets the needs of accent lighting and wall-washing lighting.

Accent lighting

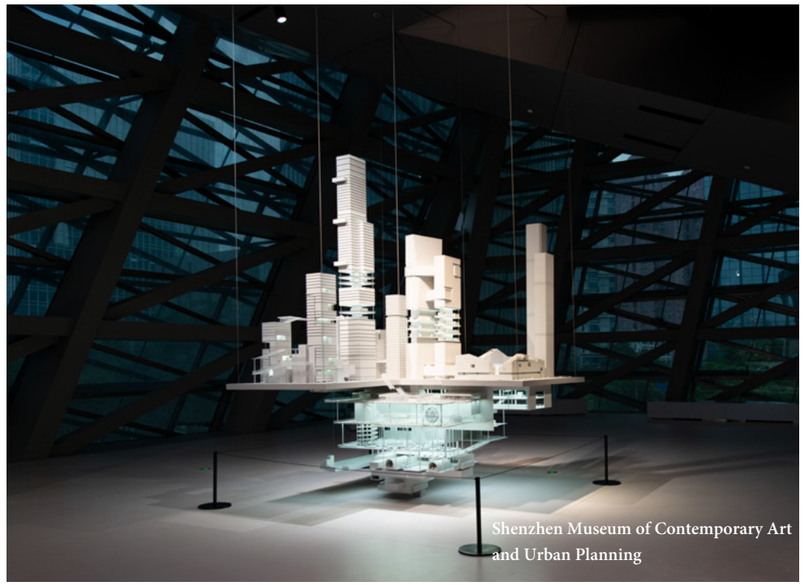


Wall-washing lighting

Stereoscopic display Lighting

The use of stereoscopic display lighting requires a mindset of painting. Similar to the light and heavy strokes of the brush, corresponding to the virtual and real levels of the light performance. The combination of different directions, different intensities, and different ranges of light creates various expressions for the exhibits, triggering varying emotions and associations among the audience, making the display more immersive.

National Palace Museum - Tsining Palace


Shenzhen Museum of Contemporary Art and Urban Planning

Scene Lighting

Scene lighting is about “light narration”, through the shaping of light, the language of the camera is conceived in a directive way, recreating the story and journey. The key to the success of the performance is the control of the main and secondary scenes, the rendering of the atmosphere, and the guidance of the emotions. Various and controllable lighting effects form the cornerstone of successful performances. The complementarity of design and product is indispensable.

Zhejiang Nature Museum Anji Hall

Chinese People's Anti-Japanese War Memorial Museum

04

LIGHTING TECHNOLOGY

Patent for Invention

Patent No.: 201911006731.6, 202010314056.X

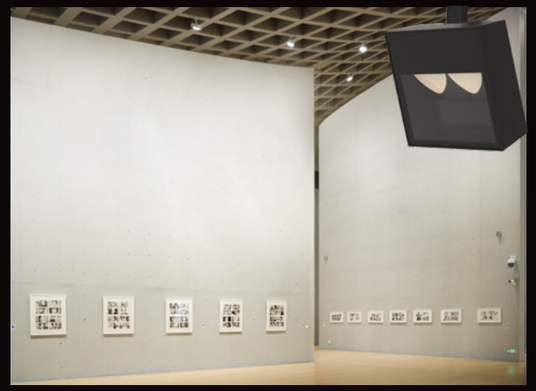
Study of light color for Bronze illumination

Through the topic of “research on lighting color of Bronzes”, WAC proposes the solution of “multi-dimensional light color compatibility for exhibits with different characteristics”, which provides the most optimal lighting solution for all kinds of exhibits in terms of recognition, preference, and sense of history.

Breakthrough & Innovation in Wall Washing Technology

WAC Museum Lighting's wallwashing technology has always advanced with the times, closely tracking the evolution of application requirements, continuously challenging and transcending the boundaries of space and rules. From the common 1:1:3 wall wash application for public display space, to the high space wall wash practice of up to 1:1:6, to the ultra-high space application of 1:1:10, WAC has demonstrated its excellent technical strength. With the innovative application of wallwashing technology to in-cabinet spaces, WAC has once again proved its leading position in the lighting field by developing LiteBox, a polarized wallwashing technology for in-cabinet spaces.

Conventional high-space wall wash technology



Ultra-high wall washer technology

LiteBox In-Cabinet Polarized Wall Washer Technology

Patent -SUBROSA® Invisible Light Technology

Patent No.: ZL 201710792586.3

Exclusive SUBROSA® technology controls the reflected light perfectly within the cut-off angle. The surface of the reflector causes zero glare to the human eye. Excellent anti-glare effect with a soft overall glow.

Comprehensive Product System

FALCON Series

MERE Series

PALOMA Series

SWALLOW Series

SILO Series

GOBO Series

LEDme® II Showcase Series

LEDme® Wall Washer Series

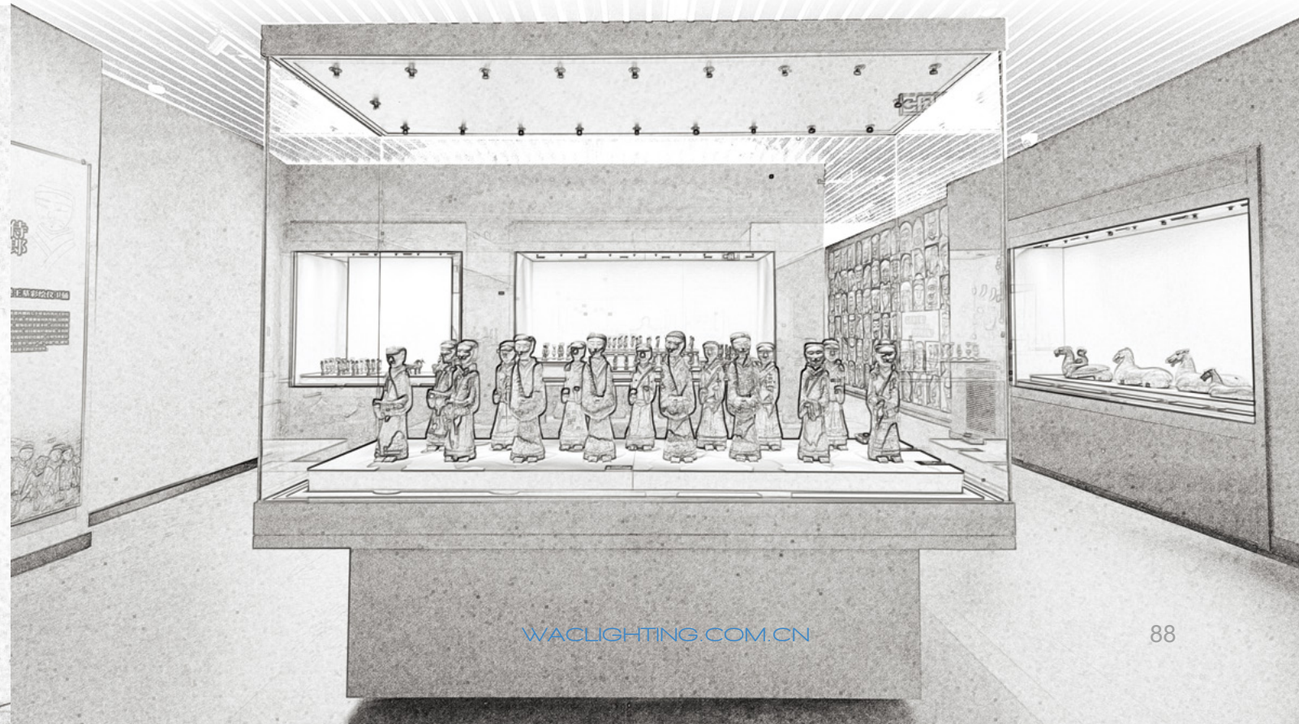
LEDme® BAR Series

OCULARC Series

LEDme® Showcase Series

VIVISTAR Series

WACLIGHTING.COM.CN



WACLIGHTING.COM.CN

Precise Light Control

- In-house optical R&D team
- Symmetrical lighting
- Ultra-narrow beam angle
- SUBROSA® Patented Anti-Glare Technology
- Vari-focal Optical System
- Wall-washing Lighting Distribution
- Ultra-high Wall-washing Technology
- In-Cabinet Polarized Wall Washer LiteBox

6 meters in height between exhibits and luminaries.

New Trends in Visual Preservation and Visual Perception

About TLA

Temporal light artefacts (TLAs) are visual disturbances or illusions caused by the interaction of the human visual system with time-varying light sources. “Flicker” and “stroboscopic effects” are different types of TLA.

“Flicker” usually refers to changes in the brightness or spectral distribution of a visible light source in the frequency range of less than 80Hz.

“Stroboscopic effect” is a phenomenon in which the observed motion of an object appears to be stationary or different from the actual motion of the object when illuminated by light of a certain frequency variation. The effect may occur when light fluctuates at rates higher than 80 Hz.

TLA-related Parametric Indicators

Flickering or stroboscopic flashes affect the ability to visualize and cause visual errors. In the long term, flickering impacts one's health by causing headaches, eyestrain, autism, and many other adverse effects. These are situations that lighting solution providers ought to avoid.

- **SVM (Stroboscopic Visibility Measure)**

  SVM takes human perception into account by quantifying the stroboscopic properties of light sources to predict their impact on the human eyes, ensuring zero negative impact on the user's visual comfort and safety.

- **PstLM (Short Term Light Modulation Indicator)**

  The lower the value of PstLM, the less the flicker of the light source affects the human eyes. Thus, in lighting design and product selection, the pursuit of lower PstLM values serves as an essential factor in improving visual comfort and reducing health risks.

- PstLM ≤ 0.5 while SVM ≤ 0.1

- Comply with IEEE, Energy Star, GB/T 31831-2015, NEMA 77-2017, Museum Lighting Design Code and many other standard design specifications

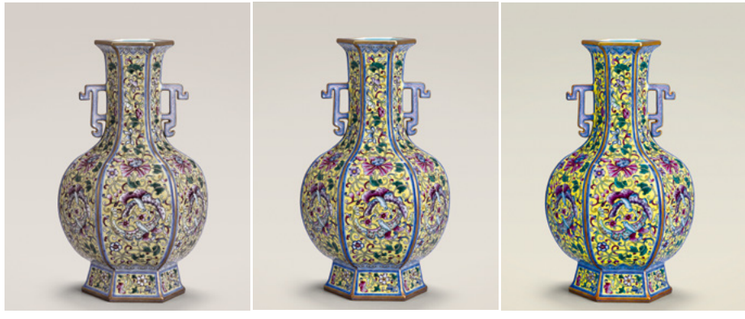
Color Rendering

Color Rendering: An evaluation parameter of the color characteristics of light objects using a standard light source as a reference. MERE, FALCON, LEDme® SHOWCASE, OCULARC and VIVISTAR Fiber Optic Lighting Systems configured with high-quality light sources of Ra97 color rendering index.

We introduced photochromatic parameters such as GAI, Rg , Rf in addition to the general color rendering index Ra to provide a more comprehensive evaluation of the color rendering of light.

Ultra High Color Rendering Ra97

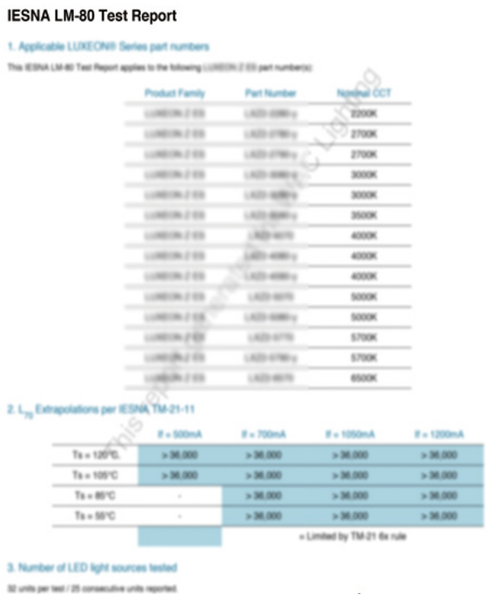
A high color rendering light source tends to bring out the vivid and saturated colors of an object without overpowering and distorting the colors.



General LED | Ra90 | Ra97

LED Lighting

- Selected LED light sources from leading brands with a color tolerance of 1.5 SDCM or less. All passed IESNA LM-80 testing
- Lifespan of not less than 50,000H under TM-21 regulatory test conditions
- Scientific luminaire design for extended LED service life



IESNA LM-80 Test Report

1. Applicable LUXEON® Series part numbers

This IESNA LM-80 Test Report applies to the following LUXEON Z ES part number(s):

Product Family	Part Number	Nominal CCT
LUXEON Z ES	[illegible]	3200K
LUXEON Z ES	[illegible]	2700K
LUXEON Z ES	[illegible]	2700K
LUXEON Z ES	[illegible]	3000K
LUXEON Z ES	[illegible]	3000K
LUXEON Z ES	[illegible]	3500K
LUXEON Z ES	[illegible]	4000K
LUXEON Z ES	[illegible]	4000K
LUXEON Z ES	[illegible]	4000K
LUXEON Z ES	[illegible]	5000K
LUXEON Z ES	[illegible]	5000K
LUXEON Z ES	[illegible]	5700K
LUXEON Z ES	[illegible]	5700K
LUXEON Z ES	[illegible]	6500K

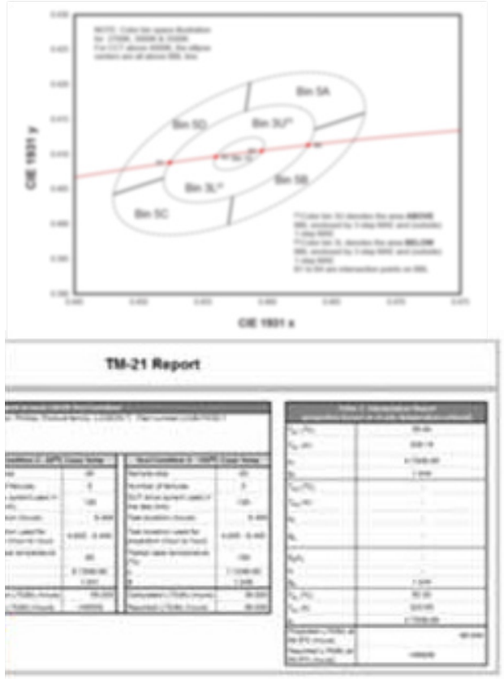
2. L_{70} Extrapolations per IESNA TM-21-11

	If = 500mA	If = 700mA	If = 1050mA	If = 1200mA
Ts = 120°C	> 36,000	> 36,000	> 36,000	> 36,000
Ts = 105°C	> 36,000	> 36,000	> 36,000	> 36,000
Ts = 85°C	-	> 36,000	> 36,000	> 36,000
Ts = 55°C	-	> 36,000	> 36,000	> 36,000

= Limited by TM-21 6x rule

3. Number of LED light sources tested

32 units per test / 25 consecutive units reported.



TM-21 Report

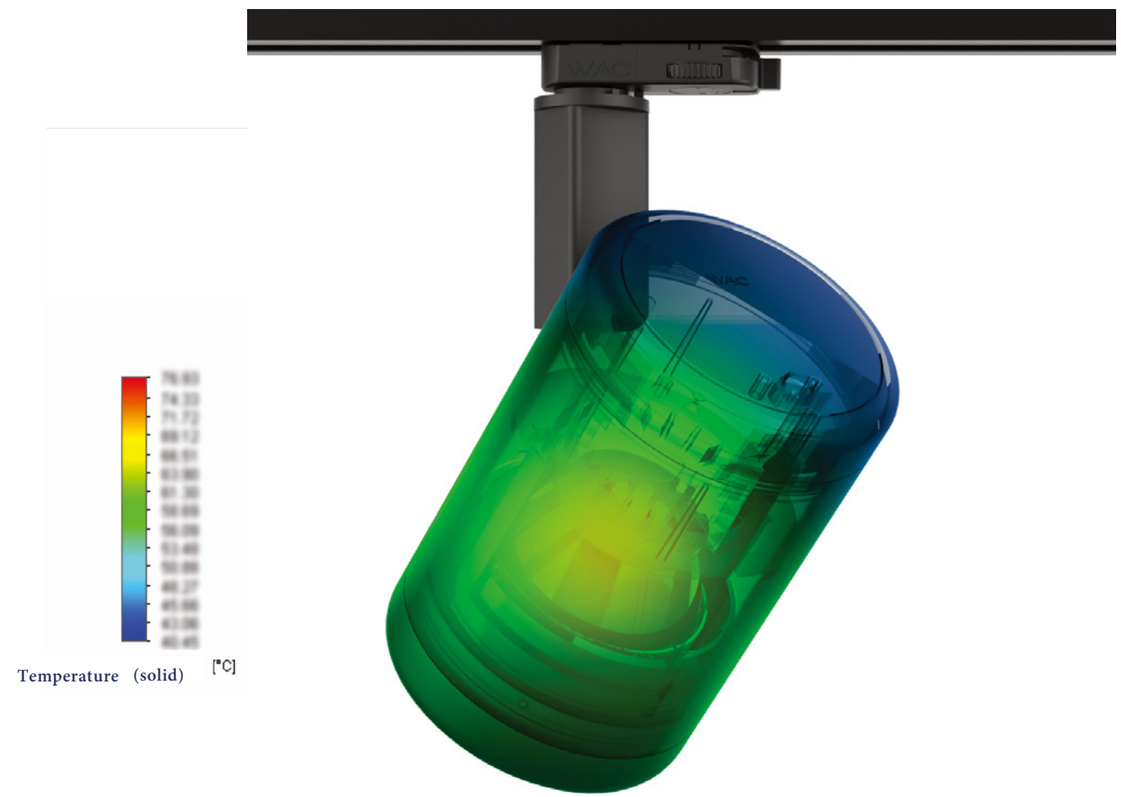
*Images have been specialized

Exhibits Conservation

- Utilizing LED light sources with extremely low levels of ultraviolet and infrared radiation to deliver the ultimate in reliable, thorough care for the collections.
- Selected high-quality LED light source
- Lighting design without light pollution
- Complies with national regulatory requirements

Thermodynamic Design

- Complies with safety regulations: CCC / CQC / UL / ETL / CE
- Effectively extend the service life of the LED light source
- Superior heat dissipation



*Pictures have been specialized

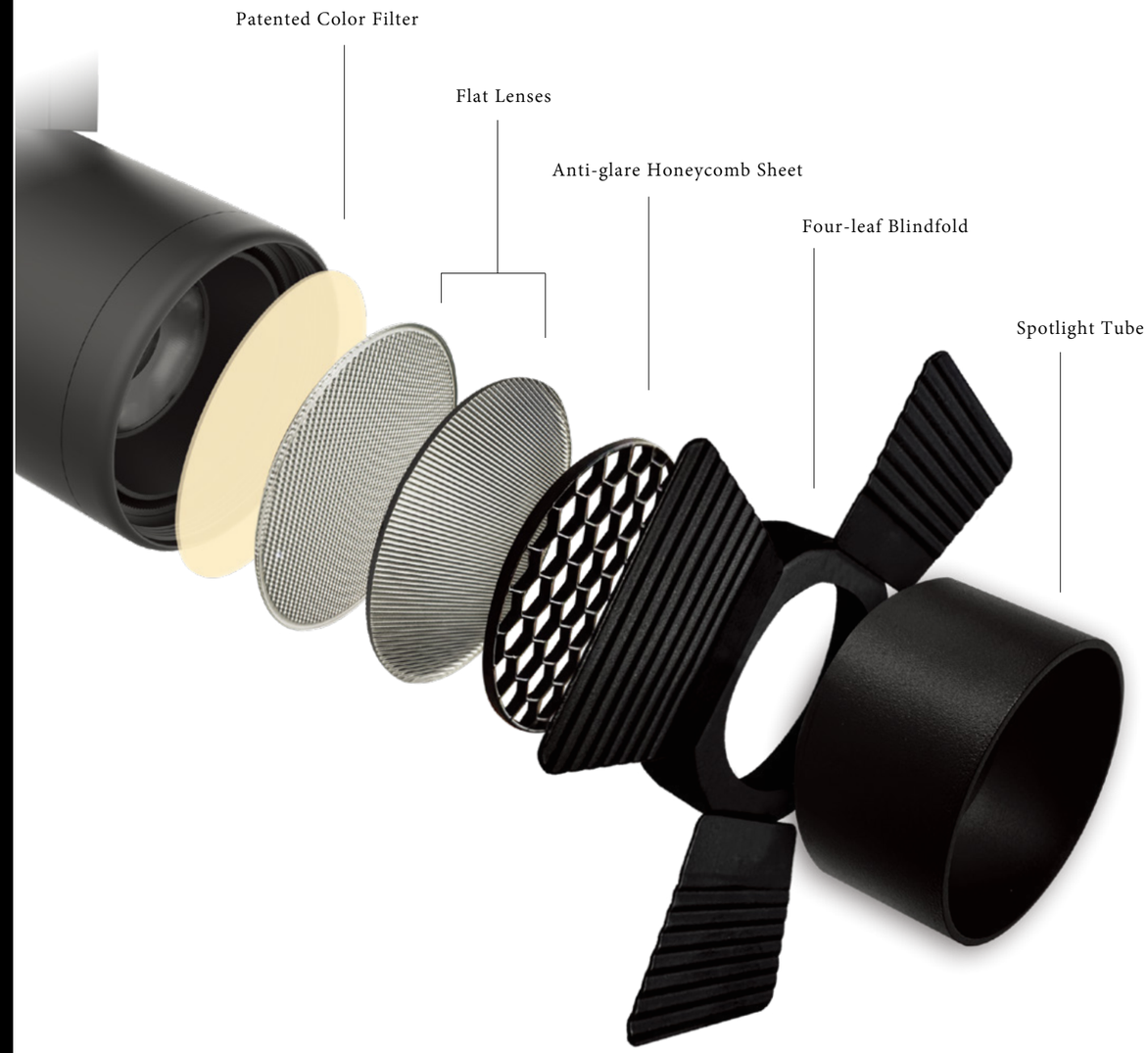
Intelligent Control

WAC track luminaires support a variety of intelligent control methods:

- ON-BOARD dimming technology (Knob dimming)
- 0-10V dimming
- 0-10V + knob 2-in-1 dimming patented technology (Patent No.: 202122753689.3)
- DALI dimming
- Intelligent Wireless Dimming

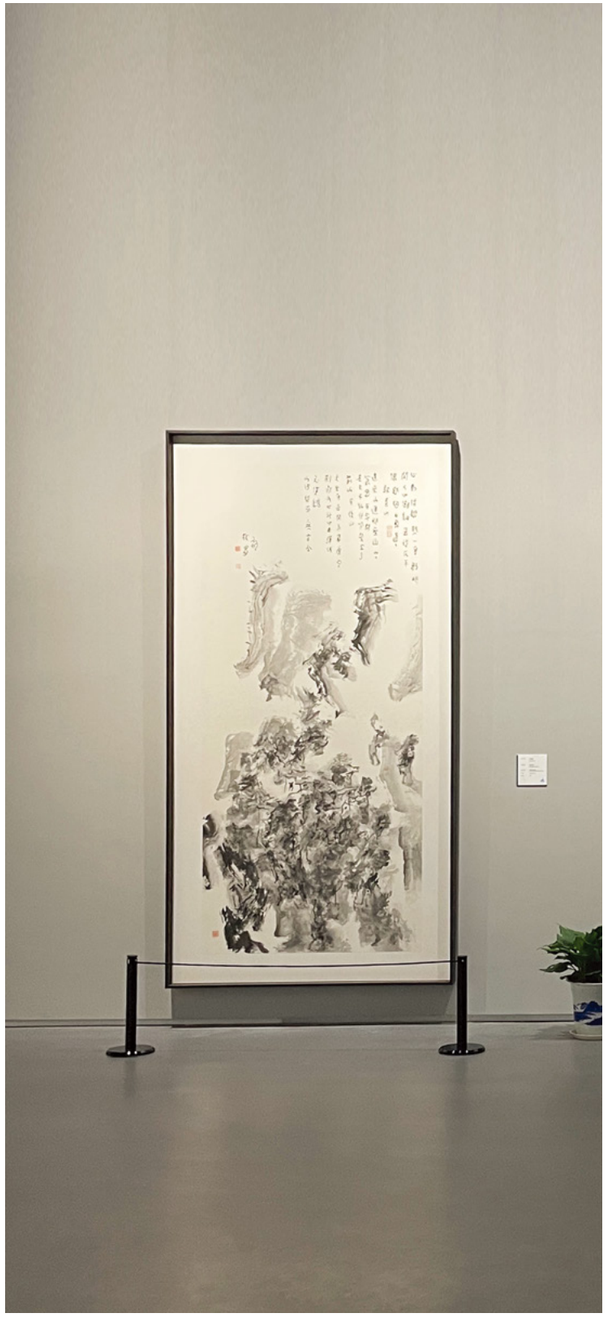
Optical Accessories

- Optical accessories available to meet different scenarios



05

PRODUCTS INTRODUCTION



3-CIRCUIT TRACK LUMINAIRES & TRACK SYSTEM

FALCON ROUND 103

FALCON ROUND 103
FALCON ROUND WALL WASHER 107

FALCON SQUARE 111

FALCON SQUARE AND LARGE 111
FALCON SQUARE WALL WASHER AND LARGE WALL WASHER 115

MERE 120

MERE HP 121
MERE COB 127

PALOMA SMART 134

PALOMA SMART ADJUSTABLE 135

SWALLOW 140

SWALLOW PRO 141
SWALLOW II 145
SWALLOW WALL WASHER 149
SWALLOW TUNABLE 153

SILO 158

SILO PRO 159
SILO FOCUS 165
SILO PRO WALL WASHER 169

GOBO PRO 174

3-CIRCUIT TRACK SYSTEM 178

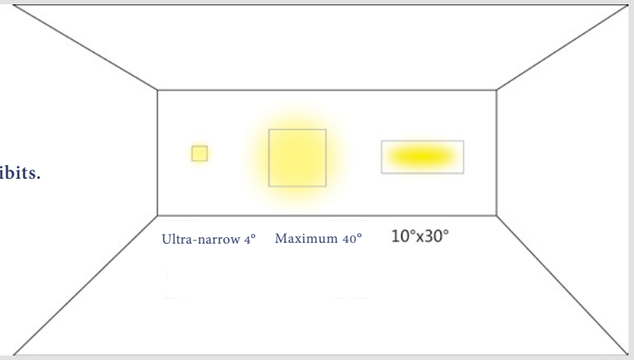
SURFACE MOUNTED TRACKS 178
RECESSED TRACK SYSTEM 180

Liangzhu Museum
Hangzhou, Zhejiang Province

FALCON

Patented SUBROSA® technology, the first of its kind in the industry, provides deep anti-glare effects when lit.

Diverse selection of light types.
Customized for different sizes of exhibits.



FALCON ROUND

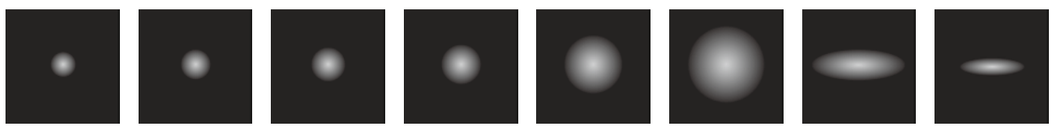
TL71S TL72S TL73S

Specifications

IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable | WIFI | DALI | SUBROSA® Glare-free

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included+SUBROSA®Optical System
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
  TL71S 3000K:250lm 3W / 700lm 8W / 875lm 12W
  TL72S 3000K:1000lm 12W / 1575lm 18W / 2125lm 27W
  TL73S 3000K:2125lm 27W / 2800lm 32W / 2960lm 42W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Net Weight: 0.6Kg/0.9kg/1.3Kg

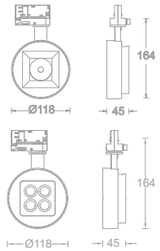
Product Features/Optics



V *4°* **S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **G** *20°x55°* **E** *10°x30°*

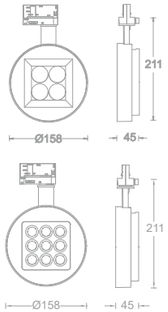
SUBROSA® Anti-Glare

Product Parameters



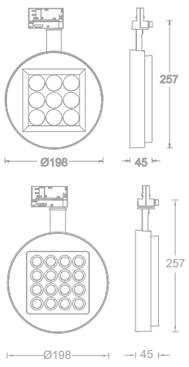
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL71S	**LD03** *LED 3W*	*9901cd(3W @3000K 4°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**V** *4°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*
TL71S	**LD08** *LED 8W* **LD12** *LED 12W*	*10443cd(8W @3000K 7°)* *4519cd(8W @3000K 14°)* *4201cd(8W @3000K 20°)* *2169cd(8W @3 000K 30°)* *1187cd(8W @3000K 40°)* *1461cd(8W @3000K 20°x55°)* *5064cd(8W @3000K 10°x30°)* *14621cd(12W @3000K 7°)* *6327cd(12W @3000K 14°)* *5881cd(12W @3000K 20°)* *3036cd(12W @3 000K 30°)* *1150cd(12W @3000K 40°)* *1662cd(12W @3000K 20°x55°)* *7509cd(12W @3000K 10°x30°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **G** *20°x55°* **E** *10°x30°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL71SLD08-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL72S	**LD12** *LED 12W*	*40811cd(12W @3000K 4°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**V** *4°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*
TL72S	**LD18** *LED 18W* **LD27** *LED 27W*	*19507cd(18W @3000K 7°)* *8720cd(18W @3000K 14°)* *8066cd(18W @3000K 20°)* *3879cd(18W @3000K 30°)* *2488cd(18W @3000K 40°)* *3066cd(18W @3000K 20°x55°)* *6914cd(18W @3000K 10°x30°)* *27310cd(27W @3000K 7°)* *12208cd(27W @3000K 14°)* *11292cd(27W @3000K 20°)* *5431cd(27W @3000K 30°)* *3484cd(27W @3000K 40°)* *4285cd(27W @3000K 20°x55°)* *9673cd(27W @3000K 10°x30°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **G** *20°x55°* **E** *10°x30°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL72SLD18-O-2930WT

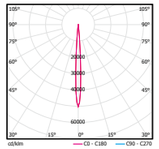


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL73S	**LD27** *LED 27W*	*93734cd(27W @3000K 4°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**V** *4°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*
TL73S	**LD32** *LED 32W* **LD43** *LED 43W*	*32601cd(32W @3000K 7°)* *15736cd(32W @3000K 14°)* *14394cd(32W @3000K 20°)* *6913cd(32W @3000K 30°)* *4385cd(32W @3000K 40°)* *5490cd(32W @3000K 20°x55°)* *11107cd(32W @3000K 10°x30°)* *41383cd(43W @3000K 7°)* *19969cd(43W @3000K 14°)* *18266cd(43W @3000K 20°)* *8773cd(43W @3000K 30°)* *5565cd(43W @3000K 40°)* *6967cd(43W @3000K 20°x55°)* *14095cd(43W @3000K 10°x30°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **G** *20°x55°* **E** *10°x30°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL73SLD32-O-2930WT

Light Distribution

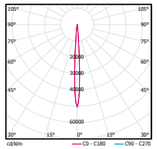
TL71S



TL71SLD03-O-V930

0º AIMING ANGLE

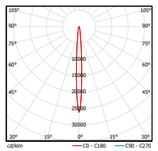
D(M)	LUX	W	L
1	6819	0.12	0.12
2	1704.75	0.24	0.24
3	757.67	0.48	0.48
4	426.19	0.96	0.96



TL71SLD03-O-V940

0º Aiming Angle

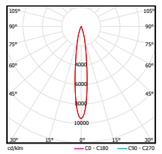
D(M)	LUX	W	L
1	7219.96	0.12	0.12
2	1804.75	0.24	0.24
3	802.22	0.48	0.48
4	451.25	0.96	0.96



TL71SLD08-O-S930

0º AIMING ANGLE

D(M)	LUX	W	L
1	11880	0.12	0.12
2	2970	0.24	0.24
3	1320	0.37	0.37
4	743	0.49	0.49

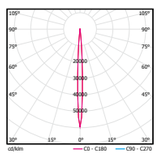


TL71SLD08-O-1930

0º Aiming Angle

D(M)	LUX	W	L
1	4127	0.26	0.26
2	1032	0.52	0.52
3	459	0.78	0.78
4	256	1.04	1.04

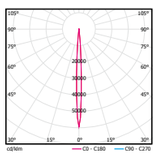
TL72S



TL72SLD12-O-V930

0º AIMING ANGLE

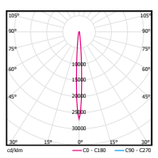
D(M)	LUX	W	L
1	40811	0.1	0.1
2	10202.75	0.2	0.2
3	4534.56	0.4	0.4
4	2550.69	0.8	0.8



TL72SLD12-O-V940

0º Aiming Angle

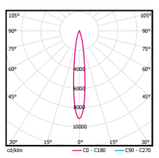
D(M)	LUX	W	L
1	43210.69	0.1	0.1
2	10802.67	0.2	0.2
3	4801.19	0.4	0.4
4	2700.67	0.8	0.8



TL72SLD18-O-S930

0º AIMING ANGLE

D(M)	LUX	W	L
1	18696	0.12	0.12
2	4674	0.24	0.24
3	2077	0.36	0.36
4	1169	0.48	0.48

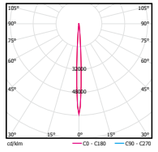


TL72SLD18-O-1930

0º Aiming Angle

D(M)	LUX	W	L
1	5908	0.26	0.26
2	1477	0.51	0.51
3	656	0.77	0.77
4	369	1.02	1.02

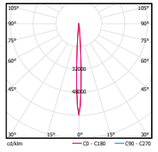
TL73S



TL73SLD27-O-V930

0º AIMING ANGLE

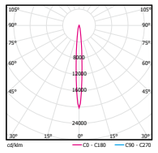
D(M)	LUX	W	L
1	90734	0.1	0.1
2	22683.5	0.2	0.2
3	10081.56	0.4	0.4
4	5670.86	0.8	0.8



TL73SLD27-O-V940

0º Aiming Angle

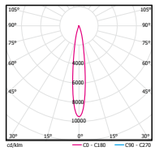
D(M)	LUX	W	L
1	96069.16	0.1	0.1
2	24017.29	0.2	0.2
3	10674.35	0.4	0.4
4	6004.32	0.8	0.8



TL73SLD32-O-S930

0º AIMING ANGLE

D(M)	LUX	W	L
1	32308	0.14	0.14
2	8077	0.28	0.28
3	3590	0.42	0.42
4	2019	0.56	0.56



TL73SLD32-O-1930

0º Aiming Angle

D(M)	LUX	W	L
1	14893	0.27	0.27
2	3723	0.54	0.54
3	1655	0.81	0.81
4	931	1.08	1.08

Accessories

LENSES/FILTERS

MODEL	BEAM SELECTOR LENS (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	BEAM ELONGATOR (CLASS I)	HONEYCOMB (CLASS I)
TL71S	LENS-TL71S-10D LENS-TL71S-20D LENS-TL71S-30D LENS-TL71S-40D LENS-TL71S-55D LENS-TL71S-1060D	LENS-TL71S-BSL	LENS-TL71S-FR	LENS-TL71S-BEL	LENS-TL71S-HCM
TL72S	LENS-TL72S-10D LENS-TL72S-20D LENS-TL72S-30D LENS-TL72S-40D LENS-TL72S-55D LENS-TL72S-1060D	LENS-TL72S-BSL	LENS-TL72S-FR	LENS-TL72S-BEL	LENS-TL72S-HCM
TL73S	LENS-TL73S-10D LENS-TL73S-20D LENS-TL73S-30D LENS-TL73S-40D LENS-TL73S-55D LENS-TL73S-1060D	LENS-TL73S-BSL	LENS-TL73S-FR	LENS-TL73S-BEL	LENS-TL73S-HCM

Note: Only one piece allowed per Class,all must be ordered separately.

OPTICAL ACCESSORIES

MODEL	BARN DOOR (CLASS III)	WALL WASHER (CLASS II)
TL71S	LENS-TL71S-BD	LENS-TL71S-WW
TL72S	LENS-TL72S-BD	LENS-TL72S-WW
TL73S	LENS-TL73S-BD	LENS-TL73S-WW

Note：1. Use up to 2 Accessories, only one piece allowed for each CLASS
2. All must be ordered separately

FALCON ROUND WALL WASHER

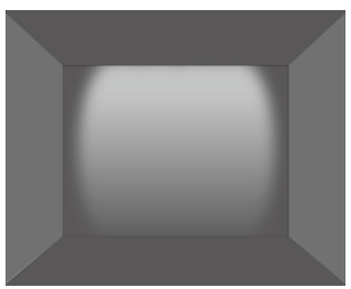
TL71W TL72W TL73W

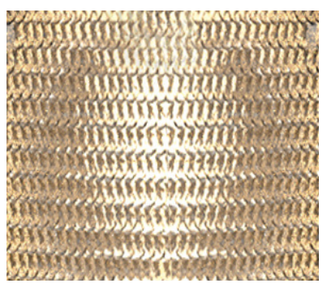
Specifications

IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable | WIFI | DALI

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 2 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
  TL71W 3000K:700lm 8W / 875lm 12W
  TL72W 3000K:1575lm 18W / 2125lm 27W
  TL73W 3000K:2800lm 32W / 2960lm 42W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Net Weight: 0.6Kg/0.9kg/1.3Kg

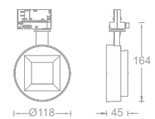
Product Features/Optics





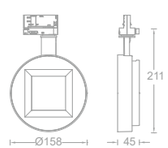
Wall Washer

Product Parameters



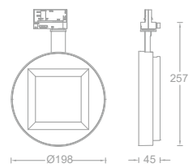
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL71W	**LD08** *LED 8W* **LD12** *LED 12W*	*449lm(8W @3000K)* *628lm(12W @3000K)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL71WLD08-O-W930WT



Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL72W	**LD18** *LED 18W* **LD27** *LED 27W*	*1172lm(18W @3000K)* *1641lm(27W @3000K)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL72WLD18-O-W930WT

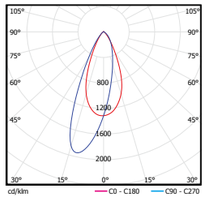


Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL73W	**LD32** *LED 32W* **LD43** *LED 43W*	*1814lm(32W @3000K)* *2302lm(43W @3000K)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL73WLD32-O-W930WT

Light Distribution

TL71WLD08-O-W930



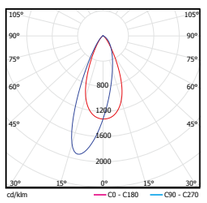
Specifications:
Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 0.99

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

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

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

TL72WLD18-O-W930



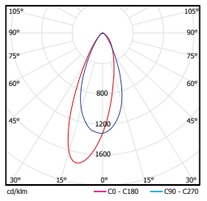
Specifications:
Number of luminaires: n > 5
Wall height (m): 4.0
Angle of tilt: 30°
Offset from wall (m): 1.2
Luminaire spacing (m): 1.32

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

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

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

TL73WLD32-O-W930



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

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

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

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

Accessories

OPTICAL ACCESSORIES

MODEL	BARN DOOR (CLAS III)	ANTI-GLARE SPOTLIGHT ASSEMBLY (CLASS II)
TL71W	LENS-TL71S-BD	LENS-TL71W-SUBROSA
TL72W	LENS-TL72S-BD	LENS-TL72W-SUBROSA
TL73W	LENS-TL73S-BD	LENS-TL73W-SUBROSA

Note: 1. Only one piece allowed for each CLASS.
2. All must be ordered separately.
3. Please refer to manual when installing the anti-glare spotlight assembly.

FALCON SQUARE AND LARGE

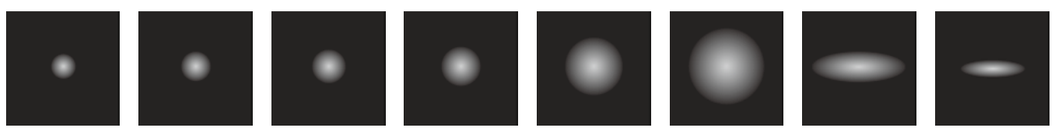
TL65S TL66S TL67S TL64H

Specifications

IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable | WIFI | DALI | SUBROSA® Glare-free

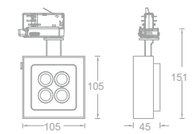
- Body Material: Die-cast aluminum
- Optical System: Clear Lens included+SUBROSA®Optical System
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
  TL65S 3000K:250lm 3W / 700lm 8W / 875lm 12W
  TL66S 3000K:1000lm 12W / 1575lm 18W / 2125lm 27W
  TL67S 3000K:2125lm 27W / 2800lm 32W / 2960lm 42W
  TL64H 3000K:4650lm 50W / 6000lm(70W)
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Net Weight: 0.6Kg/0.9kg/1.3Kg / 2.3Kg

Product Features/Optics



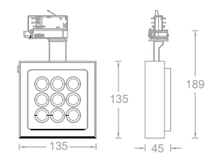
V *4°* **S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **G** *20°x55°* **E** *10°x30°*

Product Parameters



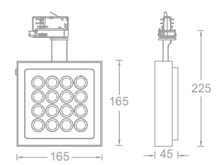
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL65S	**LD03** *LED 3W*	*9901cd(3W @3000K 4°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**V** *4°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*
TL65S	**LD08** *LED 8W* **LD12** *LED 12W*	*10443cd(8W @3000K 7°)* *4519cd(8W @3000K 14°)* *4201cd(8W @3000K 20°)* *2169cd(8W @3 000K 30°)* *1187cd(8W @3000K 40°)* *1461cd(8W @3000K 20°x55°)* *5064cd(8W @3000K 10°x30°)* *14621cd(12W @3000K 7°)* *6327cd(12W @3000K 14°)* *5881cd(12W @3000K 20°)* *3036cd(12W @3 000K 30°)* *1150cd(12W @3000K 40°)* *1662cd(12W @3000K 20°x55°)* *7509cd(12W @3000K 10°x30°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **G** *20°x55°* **E** *10°x30°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL65SLD08-O-2930WT



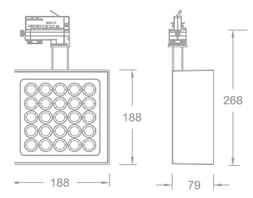
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL66S	**LD12** *LED 12W*	*40811cd(12W @3000K 4°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**V** *4°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*
TL66S	**LD18** *LED 18W* **LD27** *LED 27W*	*19507cd(18W @3000K 7°)* *8720cd(18W @3000K 14°)* *8066cd(18W @3000K 20°)* *3879cd(18W @3000K 30°)* *2488cd(18W @3000K 40°)* *3066cd(18W @3000K 20°x55°)* *6914cd(18W @3000K 10°x30°)* *27310cd(27W @3000K 7°)* *12208cd(27W @3000K 14°)* *11292cd(27W @3000K 20°)* *5431cd(27W @3000K 30°)* *3484cd(27W @3000K 40°)* *4285cd(27W @3000K 20°x55°)* *9673cd(27W @3000K 10°x30°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **G** *20°x55°* **E** *10°x30°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL66SLD18-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL67S	**LD27** *LED 27W*	*93734cd(27W @3000K 4°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**V** *4°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*
TL67S	**LD32** *LED 32W* **LD43** *LED 43W*	*32601cd(32W @3000K 7°)* *15736cd(32W @3000K 14°)* *14394cd(32W @3000K 20°)* *6913cd(32W @3000K 30°)* *4385cd(32W @3000K 40°)* *5490cd(32W @3000K 20°x55°)* *11107cd(32W @3000K 10°x30°)* *41383cd(43W @3000K 7°)* *19969cd(43W @3000K 14°)* *18266cd(43W @3000K 20°)* *8773cd(43W @3000K 30°)* *5565cd(43W @3000K 40°)* *6967cd(43W @3000K 20°x55°)* *14095cd(43W @3000K 10°x30°)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **G** *20°x55°* **E** *10°x30°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL67SLD32-O-2930WT

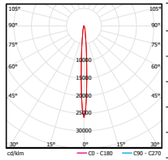


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL64H	**LD50** *LED 50W* **LD70** *LED 70W*	*53235cd(50W @3000K 7°)* *36680cd(50W @3000K 14°)* *22348cd(50W @3000K 20°)* *11408cd(50W @3 000K 30°)* *7123cd(50W @3000K 40°)* *24943cd(50W @3000K 10°x30°)* *64139cd(70W @3000K 7°)* *44193cd(70W @3000K 14°)* *26925cd(70W @3000K 20°)* *13745cd(70W @3 000K 30°)* *8582cd(70W @3000K 40°)* *30052cd(70W @3000K 10°x30°)*	**O** *On-board* **D** *0-10V Dimming* **A** *DALI*	**S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **E** *10°x30°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL64HLD70-O-2930WT

Light Distribution

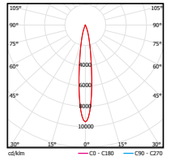
TL65S



TL65SLD08-O-S930

0º Aiming Angle

D(M)	LUX	W	L
1	11880	0.12	0.12
2	2970	0.24	0.24
3	1320	0.37	0.37
4	743	0.49	0.49

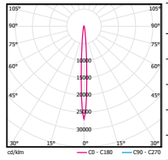


TL65SLD08-O-1930

0º Aiming Angle

D(M)	LUX	W	L
1	4127	0.26	0.26
2	1032	0.52	0.52
3	459	0.78	0.78
4	256	1.04	1.04

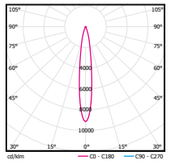
TL66S



TL66SLD18-O-S930

0º Aiming Angle

D(M)	LUX	W	L
1	18696	0.12	0.12
2	4674	0.24	0.24
3	2077	0.36	0.36
4	1169	0.48	0.48

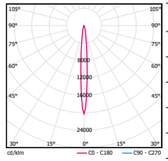


TL66SLD18-O-1930

0º Aiming Angle

D(M)	LUX	W	L
1	5908	0.26	0.26
2	1477	0.51	0.51
3	656	0.77	0.77
4	369	1.02	1.02

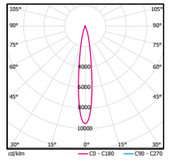
TL67S



TL67SLD32-O-S930

0º Aiming Angle

D(M)	LUX	W	L
1	32308	0.14	0.14
2	8077	0.28	0.28
3	3590	0.42	0.42
4	2019	0.56	0.56

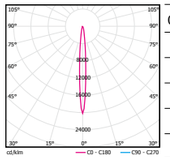


TL67SLD32-O-1930

0º Aiming Angle

D(M)	LUX	W	L
1	14893	0.27	0.27
2	3723	0.54	0.54
3	1655	0.81	0.81
4	931	1.08	1.08

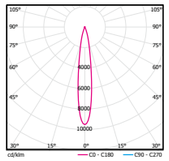
TL64H



TL64HLD50-O-S930

0º Aiming Angle

D(M)	LUX	W	L
1	118700	0.14	0.14
2	29675	0.28	0.28
3	13189	0.42	0.42
4	7419	0.56	0.56



TL64HLD50-O-1930

0º Aiming Angle

D(M)	LUX	W	L
1	50516	0.27	0.27
2	12629	0.54	0.54
3	5613	0.81	0.81
4	3157	1.08	1.08

Accessories

LENSES/FILTERS

MODEL	BEAM SELECTOR LENS (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	BEAM ELONGATOR (CLASS I)	HONEYCOMB (CLASS I)
T65S	LENS-TL65S-10D LENS-TL65S-20D LENS-TL65S-30D LENS-TL65S-40D LENS-TL65S-55D LENS-TL65S-0160D	LENS-TL65S-BSL	LENS-TL65S-FR	LENS-TL65S-BEL	LENS-TL65S-HCM
TL66S	LENS-TL66S-10D LENS-TL65S-20D LENS-TL65S-30D LENS-TL65S-40D LENS-TL65S-55D LENS-TL65S-0160D	LENS-TL66S-BSL	LENS-TL66S-FR	LENS-TL66S-BEL	LENS-TL66S-HCM
TL67S	LENS-TL67S-10D LENS-TL67S-20D LENS-TL67S-30D LENS-TL67S-40D LENS-TL67S-55D LENS-TL67S-0160D	LENS-TL67S-BSL	LENS-TL67S-FR	LENS-TL67S-BEL	LENS-TL67S-HCM
MODEL	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS II)	FROSTED GLASS (CLASS II)	/	HONEYCOMB (CLASS II)
T64H	LENS-TL64H-T-10D LENS-TL64H-T-20D LENS-TL64H-T-30D LENS-TL64H-T-40D LENS-TL64H-T-55D LENS-TL64H-T-0160D	LENS-TL64H-BSL	LENS-TL64H-FR	/	LENS-TL64H-HCM

Note：1. Up to 3 Accessories only one piece allowed for each CLASS
2. All must be ordered separately.
3. Please consult WAC for the Optical Accessories with the appropriate beam angles.

OPTICAL ACCESSORIES

MODEL	WALL WASHER (CLASS II)	BARN DOOR (CLASS III)
TL65S	LENS-TL65S-WW	LENS-TL65S-BD
TL66S	LENS-TL66S-WW	LENS-TL66S-BD
TL67S	LENS-TL67S-WW	LENS-TL67S-BD
TL64H		LENS-TL64-BD

Note：1. Up to 3 Accessories only one piece allowed for each CLASS
2. All must be ordered separately.
3. Please consult WAC for the Optical Accessories with the appropriate beam angles.

FALCON SQUARE WALL WASHER AND LARGE WALL WASHER

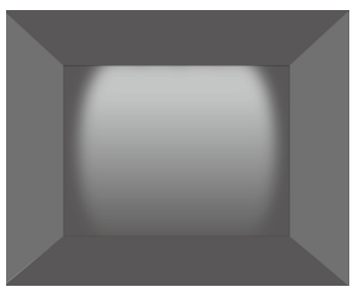
TL65W TL66W TL67W TL64WLD TL64WLM

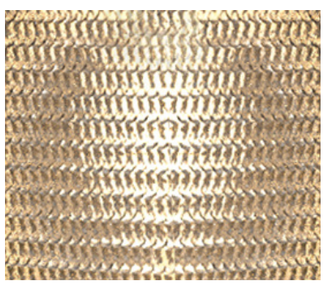
Specifications

IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable | WIFI | DALI

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Wall Washer system
  (TL65W/TL66W/TL67W)
  Dual lens(TL64W)
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt(TL65W/TL66W/TL67W)
  0°-355° horizontal rotation and 0°-90° vertical aiming tilt(TL64W)
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
  TL65W 3000K:700lm 8W / 875lm 12W
  TL66W 3000K:1575lm 18W / 2125lm 27W
  TL67W 3000K:2800lm 32W / 2960lm 42W
  TL64WLD 3000K:4650lm 50W / 6000lm(70W)
  TL64WLM 3000K:4500lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Net Weight: 0.6Kg / 0.9Kg / 1.3Kg / 2.3Kg / 2.7Kg

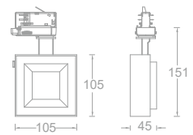
Product Features/Optics





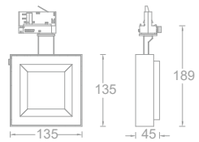
Wall Washer

Product Parameters



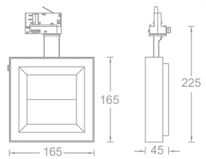
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL65W	**LD08** *LED 8W* **LD12** *LED 12W*	*449lm(8W @3000K)* *628lm(12W @3000K)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL65WLD08-O-W930WT



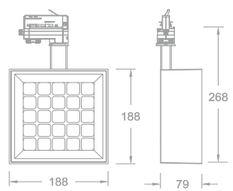
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL66W	**LD18** *LED 18W* **LD27** *LED 27W*	*1172lm(18W @3000K)* *1641lm(27W @3000K)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL66WLD18-O-W930WT



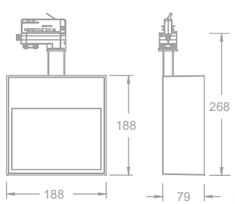
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL67W	**LD32** *LED 32W* **LD43** *LED 43W*	*1814lm(32W @3000K)* *2302lm(43W @3000K)*	**O** *On-board* **D** *0-10V & On-board* **B** *Wireless* **A** *DALI*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL67WLD32-O-W930WT



Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL64W	**LD50** *LED 50W* **LD70** *LED 70W*	*3022lm(50W @3000K)* *3499lm(70W @3000K)*	**O** *On-board* **D** *0-10V Dimming* **A** *DALI*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

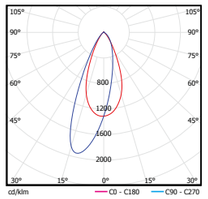
Example: TL64WLD50-O-W930WT



Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL64W	**LM40** *COB 40W*	*2783m(40W @3000K U)* *3202lm(40W @3000K W)*	**O** *On-board* **D** *0-10V Dimming* **A** *DALI*	**U** *Wall Washer (10:1)* **W** *Wall Washer (5:1)*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL64WLM40-O-U930WT
Note: The wall washing ratio refers to the ratio of the height of the wall to the distance between the luminaires and the wall, see the installation diagram for details

TL65WLD08-O-W930



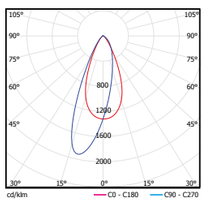
Specifications:
Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 0.99

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

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

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

TL66WLD18-O-W930



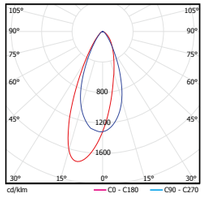
Specifications:
Number of luminaires: n > 5
Wall height (m): 4.0
Angle of tilt: 30°
Offset from wall (m): 1.2
Luminaire spacing (m): 1.32

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

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

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

TL67WLD32-O-W930



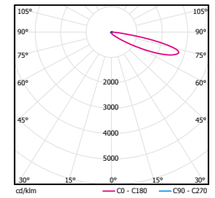
Specifications:
Number of luminaires: n > 5
Wall height (m): 5.0
Angle of tilt: 30°
Offset from wall (m): 1.5
Luminaire spacing (m): 1.8

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

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

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

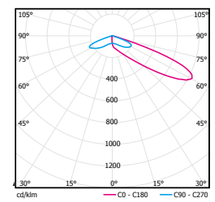
TL64WLD50-O-W930WT



Specifications:
Number of luminaires: n > 5
Wall height (m): 10.0
Offset from wall (m): 1.0
Luminaire spacing (m): 1.0

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
9.50	354	371	374	373	360
8.50	400	436	441	441	403
7.50	310	338	441	340	315
6.50	231	249	255	246	233
5.50	169	179	181	178	165
4.50	123	129	130	126	120
3.50	91	95	96	94	89
2.50	71	74	74	73	69
1.50	60	63	63	61	59
0.50	63	64	64	63	60

TL64WLM40-O-U930WT



Specifications:
Number of luminaires: n > 5
Wall height (m): 5.0
Offset from wall (m): 1.0
Luminaire spacing (m): 2.0

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.55	349	358	351	358	349
4.10	599	529	603	529	601
3.65	495	496	503	496	500
3.20	404	424	415	424	409
2.75	318	340	333	341	324
2.30	244	261	261	264	250
1.85	184	200	203	203	191
1.40	140	153	156	155	146
0.95	108	116	124	124	115
0.45	94	106	108	110	100

OPTICAL ACCESSORIES

MODEL	BARN DOOR	ANTI-GLARE SPOTLIGHT ASSEMBLY		
TL65W	LENS-TL65S-BD	LENS-TL65W-SUBROSA	/	/
TL66W	LENS-TL66S-BD	/	LENS-TL66W-SUBROSA	/
TL67W	LENS-TL67S-BD	/	/	LENS-TL67W-SUBROSA
TL64W	LENS-TL64-BD	/	/	/

Note: 1. All must be ordered separately
2. Note: please refer to the manual when installing the anti-glare spotlight assembly

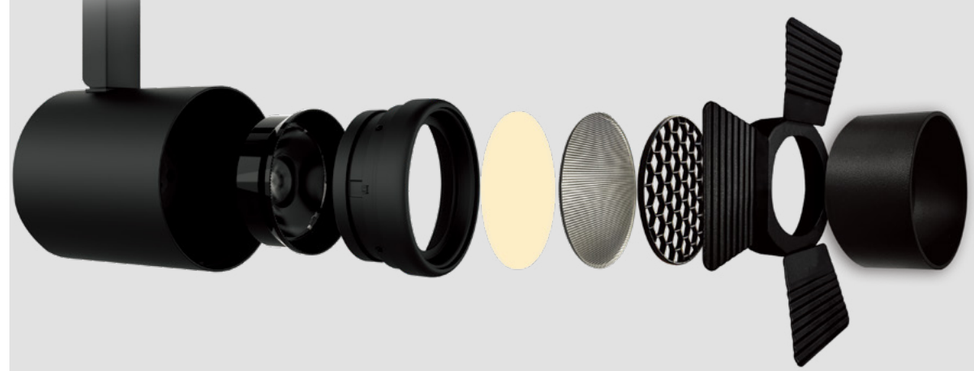
Guangzhou Museum of Art（New Hall）
Guangzhou, Guangdong Province

MERE

Replaceable Intelligent Control Modules

Dimmable DALI

Replaceable Optical Modules



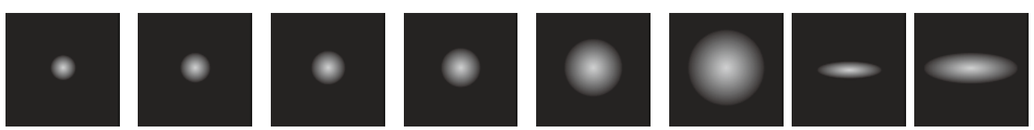
MERE HP

TL36S TL37S TL38S

Specifications

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90°
- Accessories/Brackets: Various Optical Accessories available, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
  TL36S 3000K:800lm 8W / 1200lm 12W
  TL37S 3000K:1800lm 18W / 2700lm 27W
  TL38S 3000K:3200lm 32W / 4800lm 48W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 2 SDCM
- Net Weight: 0.9Kg / 1.8Kg / 3.8Kg

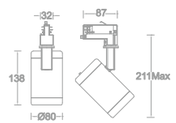
Product Features/Optics



S *6°* **N** *10°* **1** *15°* **2** *24°* **3** *36°* **5** *50°* **E** *10°x50°* **G** *25°55°*

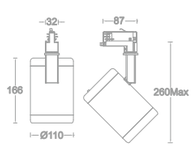
W *Wall Washer*

Product Parameters



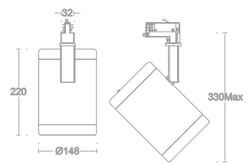
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL36S	**LD08** *LED 8W* **LD12** *LED 12W*	*28484cd(12 W @3000K 6°)* *15778cd(12 W @3000K 10°)* *7004cd(12 W @3000K 15°)* *2381cd(12 W @3000K 24°)* *1429cd(12 W @3000K 36°)* *652cd(12 W @3000K 50 °)*	**D** *0-10V & On-board* **A** *DALI*	**S** *6°* **N** *10°* **1** *15°* **2** *24°* **3** *36°* **5** *50°* **E** *10°x50°* **G** *25°x55°* **W** *Wall Washer*	**9** *90* **A** *97*	**27** *2700K* **30** *3000K* **35** *3500K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL36SLD12-D-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL37S	**LD18** *LED 18W* **LD27** *LED 27W*	*35270cd(27W @3000K 6°)* *20256cd(27 W @3000K 10°)* *19090cd(27 W @3000K 15°)* *6361cd(27W @3000K 24°)* *3121cd(27 W @3000K 36°)* *1565cd(27 W @3000K 50 °)*	**D** *0-10V & On-board* **A** *DALI*	**S** *6°* **N** *10°* **1** *15°* **2** *24°* **3** *36°* **5** *50°* **E** *10°x50°* **G** *25°x55°* **W** *Wall Washer*	**9** *90* **A** *97*	**27** *2700K* **30** *3000K* **35** *3500K* **40** *4000K*	**WT** *White* **BK** *Black*

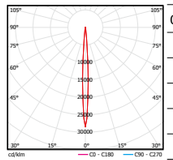
Example: TL37SLD27-D-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL38S	**LD32** *LED 32W* **LD48** *LED 48W*	*96550cd(48W @3000K 6°)* *37397cd(48 W @3000K 10°)* *22046cd(48 W @3000K 15°)* *10520cd(48W @3000K 24°)* *6251cd(48W @3000K 36°)* *2799cd(48 W @3000K 50 °)*	**D** *0-10V & On-board* **A** *DALI*	**S** *6°* **N** *10°* **1** *15°* **2** *24°* **3** *36°* **5** *50°* **E** *10°x50°* **G** *25°x55°* **W** *Wall Washer*	**9** *90* **A** *97*	**27** *2700K* **30** *3000K* **35** *3500K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL38SLD48-D-2930WT

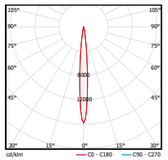
T36S



TL36SLD12-D-S930WT

0º Aiming Angle

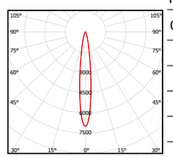
D(M)	LUX	W	L
1	28484	0.11	0.11
2	7121	0.22	0.22
3	3165	0.33	0.33
4	1780	0.44	0.44



TL36SLD12-D-N930WT

0º Aiming Angle

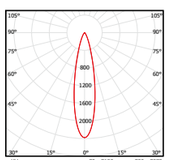
D(M)	LUX	W	L
1	15778	0.16	0.16
2	3945	0.32	0.32
3	1753	0.48	0.48
4	986	0.64	0.64



TL36SLD12-D-1930WT

0º Aiming Angle

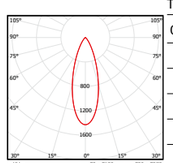
D(M)	LUX	W	L
1	7004	0.24	0.24
2	1751	0.48	0.48
3	778	0.72	0.72
4	438	0.96	0.96



TL36SLD12-D-2930WT

0º Aiming Angle

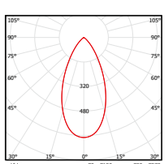
D(M)	LUX	W	L
1	2381	0.40	0.40
2	595	0.80	0.80
3	265	1.20	1.20
4	149	1.60	1.60



TL36SLD12-D-3930WT

0º Aiming Angle

D(M)	LUX	W	L
1	1429	0.61	0.61
2	357	1.22	1.22
3	159	1.83	1.83
4	89	2.44	2.44

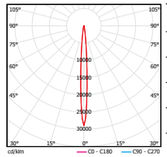


TL36SLD12-D-5930WT

0º Aiming Angle

D(M)	LUX	W	L
1	652	0.92	0.92
2	163	1.84	1.84
3	72	2.76	2.76
4	41	3.68	3.68

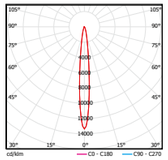
T37S



TL37SLD27-D-S930BK

0º Aiming Angle

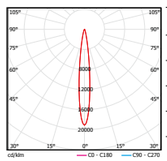
D(M)	LUX	W	L
1	45460	0.13	0.13
2	11365	0.26	0.26
3	5051	0.39	0.39
4	2841	0.52	0.52



TL37SLD27-D-N930BK

0º Aiming Angle

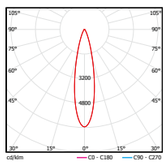
D(M)	LUX	W	L
1	20695	0.19	0.19
2	5174	0.38	0.38
3	2299	0.57	0.57
4	1293	0.76	0.76



TL37SLD27-D-1930BK

0º Aiming Angle

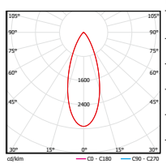
D(M)	LUX	W	L
1	19090	0.22	0.22
2	4773	0.44	0.44
3	2121	0.66	0.66
4	1193	0.88	0.88



TL37SLD27-D-2930BK

0º Aiming Angle

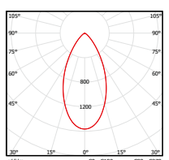
D(M)	LUX	W	L
1	6361	0.40	0.40
2	1590	0.80	0.80
3	707	1.20	1.20
4	398	1.60	1.60



TL37SLD27-D-3930BK

0º Aiming Angle

D(M)	LUX	W	L
1	3121	0.69	0.69
2	780	1.38	1.38
3	347	2.07	2.07
4	195	2.76	2.76

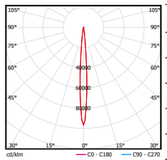


TL37SLD27-D-5930BK

0º Aiming Angle

D(M)	LUX	W	L
1	1565	0.96	0.96
2	391	1.92	1.92
3	174	2.88	2.88
4	98	3.84	3.84

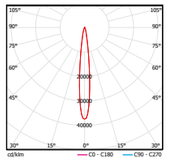
T38S



TL38SLD48-D-S930BK

0º Aiming Angle

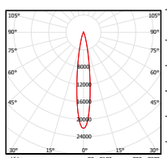
D(M)	LUX	W	L
1	96550	0.14	0.14
2	24138	0.28	0.28
3	10728	0.42	0.42
4	6034	0.56	0.56



TL38SLD48-D-N930BK

0º Aiming Angle

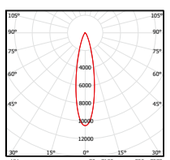
D(M)	LUX	W	L
1	37397	0.21	0.21
2	9349	0.42	0.42
3	4155	0.63	0.63
4	2337	0.84	0.84



TL38SLD48-D-1930BK

0º Aiming Angle

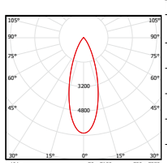
D(M)	LUX	W	L
1	22046	0.27	0.27
2	5512	0.54	0.54
3	2450	0.81	0.81
4	1378	1.08	1.08



TL38SLD48-D-2930BK

0º Aiming Angle

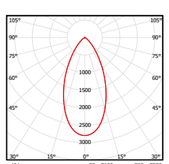
D(M)	LUX	W	L
1	10520	0.40	0.40
2	2630	0.80	0.80
3	1169	1.20	1.20
4	658	1.60	1.60



TL38SLD48-D-3930BK

0º Aiming Angle

D(M)	LUX	W	L
1	6251	0.62	0.62
2	1563	1.24	1.24
3	695	1.86	1.86
4	391	2.48	2.48

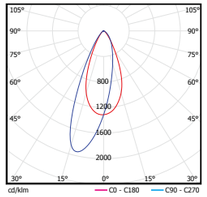


TL38SLD48-D-5930BK

0º Aiming Angle

D(M)	LUX	W	L
1	2799	0.92	0.92
2	700	1.84	1.84
3	311	2.76	2.76
4	175	3.68	3.68

TL36SLD08-D-W930WT



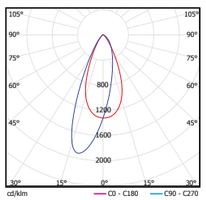
Specifications:
Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 0.99

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

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

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

TL37SLD18-D-W930WT



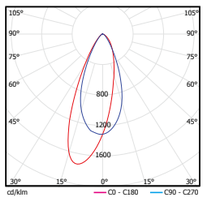
Specifications:
Number of luminaires: n > 5
Wall height (m): 4.0
Angle of tilt: 30°
Offset from wall (m): 1.2
Luminaire spacing (m): 1.32

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

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

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

TL38SLD32-D-W930WT



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

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

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

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

Accessories

LENSES/FILTERS

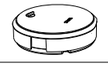
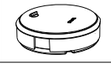
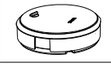
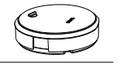
MODEL	LENS ANGLE S (CLASS I)	LENS ANGLE N (CLASS I)	LENS ANGLE 1 (CLASS I)	LENS ANGLE 2 (CLASS I)	LENS ANGLE 3 (CLASS I)	LENS ANGLE 5 (CLASS I)	LENS ANGLE E (CLASS I)	LENS ANGLE G (CLASS I)
TL36S	LENS-TL36-HSBK	LENS-TL36-HNBK	LENS-TL36-H1BK	LENS-TL36-H2BK	LENS-TL36-H3BK	LENS-TL36-H5BK	LENS-TL36-HEBK	LENS-TL36-HGBK
TL37S	LENS-TL37-HSBK	LENS-TL37-HNBK	LENS-TL37-H1BK	LENS-TL37-H2BK	LENS-TL37-H3BK	LENS-TL37-H5BK	LENS-TL37-HEBK	LENS-TL37-HGBK
TL38S	LENS-TL38-HSBK	LENS-TL38-HNBK	LENS-TL38-H1BK	LENS-TL38-H2BK	LENS-TL38-H3BK	LENS-TL38-H5BK	LENS-TL38-HEBK	LENS-TL38-HGBK

	WALLWASHER LENS (CLASS II)	BEAM ELONGATOR LENS (CLASS II)	SLIGHT BEAM SPREAD (CLASS II)	MEDIUM BEAM SPREAD (CLASS II)	LARGE BEAM SPREAD (CLASS II)	IDENTIFICATION LENS (CLASS III)	PREFERENCE LENS (CLASS III)	HISTORY LENS (CLASS III)
TL36S	LENS-TL36-WWWT	LENS-TL36-EEWT	LENS-TL36-SSWT	LENS-TL36-MMWT	LENS-TL36-LLWT	LENS-TL36-RGWT	LENS-TL36-PFWT	LENS-TL36-HSWT
TL37S	LENS-TL37-WWWT	LENS-TL37-EEWT	LENS-TL37-SSWT	LENS-TL37-MMWT	LENS-TL37-LLWT	LENS-TL37-RGWT	LENS-TL37-PFWT	LENS-TL37-HSWT
TL38S	LENS-TL38-WWWT	LENS-TL38-EEWT	LENS-TL38-SSWT	LENS-TL38-MMWT	LENS-TL38-LLWT	LENS-TL38-RGWT	LENS-TL38-PFWT	LENS-TL38-HSWT

OPTICAL ACCESSORIES

	EDGE HONEYCOMB (CLASS IV)	SNOOT BLACK (CLASS IV)	SNOOT WHITE (CLASS IV)	BARN DOOR BLACK (CLASS V)	BARN DOOR WHITE (CLASS V)
TL36S	LENS-TL36-HCM	LENS-TL36-SNOOT-B	LENS-TL36-SNOOT-W	LENS-TL36-BD-BK	LENS-TL36-BD-WT
TL37S	LENS-TL37-HCM	LENS-TL37-SNOOT-B	LENS-TL37-SNOOT-W	LENS-TL37-BD-BK	LENS-TL37-BD-WT
TL38S	LENS-TL38-HCM	LENS-TL38-SNOOT-B	LENS-TL38-SNOOT-W	LENS-TL38-BD-BK	LENS-TL38-BD-WT

DIMMING MODULE

	ON-BOARD+0-10V DIMMING MODULE BLACK (CLASS VI)	ON-BOARD+0-10V DIMMING MODULE WHITE (CLASS VI)	DALI Dimming Module BLACK (CLASS VI)	DALI Dimming Module WHITE (CLASS VI)
				
TL36S	PART-TL36-D-BK	PART-TL36-D-WT	PART-TL36-A-BK	PART-TL36-A-WT
TL37S	PART-TL37-D-BK	PART-TL37-D-WT	PART-TL37-A-BK	PART-TL37-A-WT
TL38S	PART-TL38-D-BK	PART-TL38-D-WT	PART-TL38-A-BK	PART-TL38-A-WT

Note: Up to six types of Accessories can be added, and each type of accessory can only be added one at a time

MERE COB

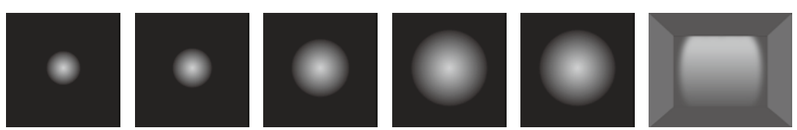
TL35S TL36S TL37S TL38S

Specifications

IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable | DALI

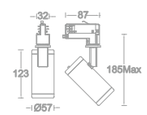
- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90°
- Accessories/Brackets: Various Optical Accessories available, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  TL35S 3000K:1050lm(10W)
  TL36S 3000K:1420lm 12W / 2120lm 18W
  TL37S 3000K:2950lm 26W / 3350lm 32W / 3850lm 38W
  TL38S 3000K:1050lm 10W / 3950lm 38W / 5000lm 48W / 6050lm 58W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 2 SDCM
- Net Weight: 0.6Kg / 0.9Kg / 1.8Kg / 3.9Kg

Product Features/Optics



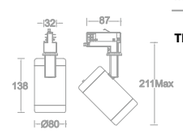
1 *12°* **2** *24°* **3** *36°* **5** *50°* **F** *15°-50°* **W** *Wall Washer*

Product Parameters



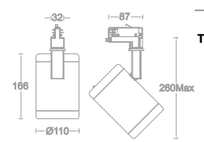
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL35S	**LM10** *COB 10W*	*5619cd(10 W @3000K 12°)* *2381cd(10 W @3000K 24°)* *2404cd(10 W @3000K 36°)* *1925cd(10W @3000K 50 °)* *5993cd(10W @3000K Max)*	**D** *0-10V & On-board* **A** *DALI*	**1** *12°* **2** *24°* **3** *36°* **5** *50°* **F** *15°-50°* **W** *Wall Washer*	**9** *90* **A** *97*	**27** *2700K* **30** *3000K* **35** *3500K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL35SLM10-D-2930WT



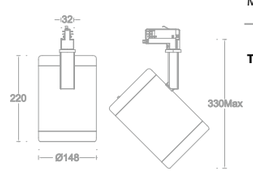
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL36S	**LM12** *COB 12W* **LM18** *COB 18W*	*13637cd(18 W @3000K 12°)* *9005cd(18 W @3000K 24°)* *3788cd(18 W @3000K 36°)* *1011cd(18W @3000K 50 °)* *8927cd(18W @3000K Max)*	**D** *0-10V & On-board* **A** *DALI*	**1** *12°* **2** *24°* **3** *36°* **5** *50°* **F** *15°-50°* **W** *Wall Washer*	**9** *90* **A** *97*	**27** *2700K* **30** *3000K* **35** *3500K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL36SLM18-D-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL37S	**LM18** *COB 18W* **LM26** *COB 26W* **LM32** *COB 32W* **LM38** *COB 38W*	*35327cd(38 W @3000K 12°)* *23973cd(38 W @3000K 24°)* *9877cd(38 W @3000K 36°)* *2750cd(38W @3000K 50 °)* *19437cd(38W @3000K Max)*	**D** *0-10V & On-board* **A** *DALI*	**1** *12°* **2** *24°* **3** *36°* **5** *50°* **F** *15°-50°* **W** *Wall Washer*	**9** *90* **A** *97*	**27** *2700K* **30** *3000K* **35** *3500K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL37SLM32-D-2930WT

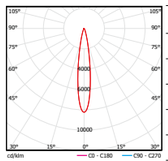


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL38S	**LM10** *COB 10W* **LM38** *COB 38W* **LM48** *COB 48W* **LM58** *COB 58W*	*27976cd(38 W @3000K 12°)* *25458cd(38 W @3000K 24°)* *13394cd(38 W @3000K 36°)* *4205cd(38W @3000K 50 °)* *22026cd(38W @3000K Max)*	**D** *0-10V & On-board* **A** *DALI*	**V** *2°* **1** *12°* **2** *24°* **3** *36°* **5** *50°* **F** *15°-50°* **W** *Wall Washer*	**9** *90* **A** *97*	**27** *2700K* **30** *3000K* **35** *3500K* **40** *4000K*	**WT** *White* **BK** *Black*

Example: TL38SLM48-D-2930WT

T35S

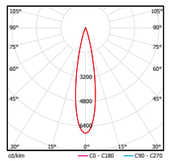
TL35SLM10-D-1930BK



0º Aiming Angle

D(M)	LUX	W	L
1	5619	0.29	0.29
2	1405	0.58	0.58
3	624	0.87	0.87
4	351	1.16	1.16

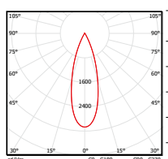
TL35SLM10-D-2930BK



0º Aiming Angle

D(M)	LUX	W	L
1	5488	0.36	0.36
2	1372	0.72	0.72
3	610	1.08	1.08
4	343	1.44	1.44

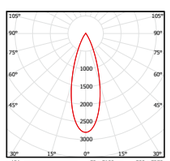
TL35SLM10-D-3930BK



0º Aiming Angle

D(M)	LUX	W	L
1	2404	0.57	0.57
2	601	1.14	1.14
3	267	1.71	1.71
4	150	2.28	2.28

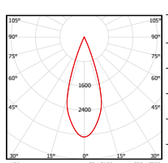
TL35SLM10-D-5930BK



0º Aiming Angle

D(M)	LUX	W	L
1	936	0.92	0.92
2	234	1.84	1.84
3	104	2.76	2.76
4	59	3.68	3.68

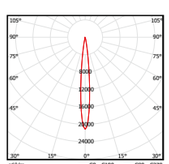
TL35SLM10-D-F930BK-MAX



0º Aiming Angle

D(M)	LUX	W	L
1	1620	0.63	0.63
2	405	1.26	1.26
3	180	1.89	1.89
4	101	2.52	2.52

TL35SLM10-D-F930BK-MIN

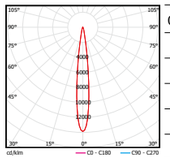


0º Aiming Angle

D(M)	LUX	W	L
1	5993	0.19	0.19
2	1498	0.38	0.38
3	666	0.57	0.57
4	375	0.76	0.76

T36S

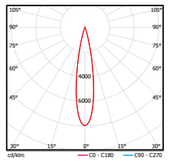
TL36SLM18-D-1930WT



0º Aiming Angle

D(M)	LUX	W	L
1	13637	0.22	0.22
2	3409	0.44	0.44
3	1515	0.66	0.66
4	852	0.88	0.88

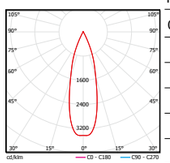
TL36SLM18-D-2930WT



0º Aiming Angle

D(M)	LUX	W	L
1	9005	0.34	0.34
2	2251	0.68	0.68
3	1001	1.02	1.02
4	563	1.36	1.36

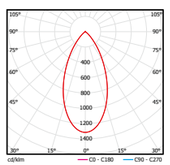
TL36SLM18-D-3930WT



0º Aiming Angle

D(M)	LUX	W	L
1	3788	0.52	0.34
2	947	1.04	0.68
3	421	1.56	1.02
4	237	2.08	1.36

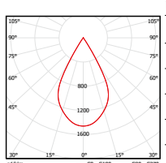
TL36SLM18-D-5930WT



0º Aiming Angle

D(M)	LUX	W	L
1	1011	0.92	0.92
2	253	1.84	1.84
3	112	2.76	2.76
4	63	3.68	3.68

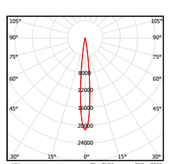
TL36SLM18-D-F930WT-MAX



0º Aiming Angle

D(M)	LUX	W	L
1	1185	1.10	1.10
2	296	2.20	2.20
3	132	3.30	3.30
4	74	4.40	4.40

TL36SLM18-D-F930WT-MIN

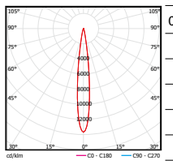


0º Aiming Angle

D(M)	LUX	W	L
1	8927	0.20	0.20
2	2232	0.40	0.40
3	992	0.60	0.60
4	558	0.80	0.80

T37S

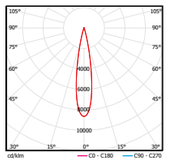
TL37SLM38-D-1930BK



0º Aiming Angle

D(M)	LUX	W	L
1	35327	0.22	0.22
2	8832	0.44	0.44
3	3925	0.66	0.66
4	2208	0.88	0.88

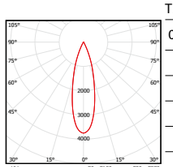
TL37SLM38-D-2930BK



0º Aiming Angle

D(M)	LUX	W	L
1	23973	0.33	0.33
2	5993	0.66	0.66
3	2664	0.99	0.99
4	1498	1.32	1.32

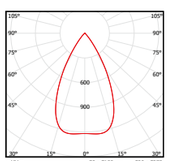
TL37SLM38-D-3930BK



0º Aiming Angle

D(M)	LUX	W	L
1	9877	0.49	0.49
2	2469	0.98	0.98
3	1097	1.47	1.47
4	617	1.96	1.96

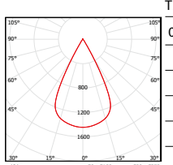
TL37SLM38-D-5930BK



0º Aiming Angle

D(M)	LUX	W	L
1	2750	1.10	1.10
2	688	2.20	2.20
3	306	3.30	3.30
4	172	4.40	4.40

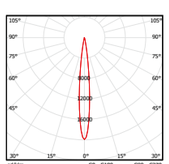
TL37SLM38-D-F930BK-MAX



0º Aiming Angle

D(M)	LUX	W	L
1	2403	1.00	1.00
2	601	2.00	2.00
3	267	3.00	3.00
4	150	4.00	4.00

TL37SLM38-D-F930BK-MIN

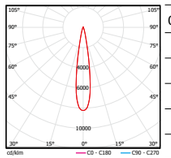


0º Aiming Angle

D(M)	LUX	W	L
1	19437	0.20	0.20
2	4859	0.40	0.40
3	2160	0.60	0.60
4	1215	0.80	0.80

T38S

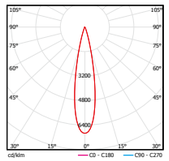
TL38SLM38-D-1930BK



0º Aiming Angle

D(M)	LUX	W	L
1	27976	0.31	0.31
2	6994	0.62	0.62
3	3108	0.93	0.93
4	1749	1.24	1.24

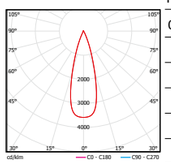
TL38SLM38-D-2930BK



0º Aiming Angle

D(M)	LUX	W	L
1	25458	0.37	0.37
2	6365	0.74	0.74
3	2829	1.11	1.11
4	1591	1.48	1.48

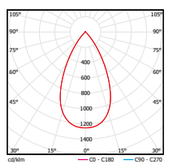
TL38SLM38-D-3930BK



0º Aiming Angle

D(M)	LUX	W	L
1	13394	0.54	0.54
2	3349	1.08	1.08
3	1488	1.62	1.62
4	837	2.16	2.16

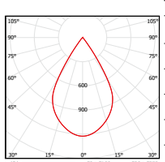
TL38SLM38-D-5930BK



0º Aiming Angle

D(M)	LUX	W	L
1	4205	1.00	1.00
2	1051	2.00	2.00
3	467	3.00	3.00
4	263	4.00	4.00

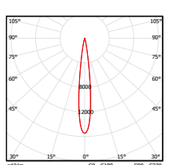
TL38SLM38-D-F930BK-MAX



0º Aiming Angle

D(M)	LUX	W	L
1	3765	1.20	1.20
2	941	2.40	2.40
3	418	3.60	3.60
4	235	4.80	4.80

TL38SLM38-D-F930BK-MIN

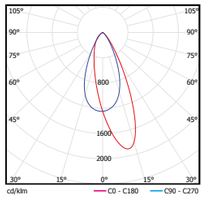


0º Aiming Angle

D(M)	LUX	W	L
1	22026	0.23	0.23
2	5507	0.46	0.46
3	2447	0.69	0.69
4	1377	0.92	0.92

Light Distribution

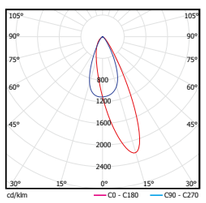
TL35SLM10-D-W930BK



Specifications:
Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 1.0
Luminaire spacing (m): 1.2

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	84	79	84	79	84
2.30	128	136	128	136	124
1.90	141	153	141	153	141
1.50	135	142	135	142	134
1.10	114	119	114	119	114
0.70	91	95	92	94	91
0.30	72	74	72	74	7·

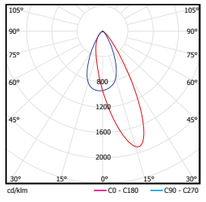
TL36SLM18-D-W930BK



Specifications:
Number of luminaires: n > 5
Wall height (m): 3.6
Angle of tilt: 30°
Offset from wall (m): 1.2
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
3.40	97	90	98	91	98
3.00	182	179	183	179	182
2.60	218	235	219	235	218
2.20	233	249	233	248	232
1.80	226	235	227	235	226
1.40	198	200	199	200	197
1.00	162	167	163	167	162
0.60	131	136	132	136	130
0.20	104	109	105	109	104

TL38SLM38-D-W930BK



Specifications:
Number of luminaires: n > 5
Wall height (m): 4.8
Angle of tilt: 30°
Offset from wall (m): 1.5
Luminaire spacing (m): 1.8

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.50	63	71	64	71	63
3.90	136	154	137	154	136
3.30	168	195	169	194	167
2.70	177	202	178	201	176
2.10	174	189	176	189	173
1.50	154	165	156	165	153
0.90	139	145	141	144	138
0.30	123	127	126	127	122

Accessories

LENSES/FILTERS

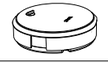
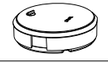
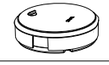
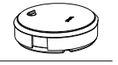
MODEL	LENS ANGLE 1 (CLASS I)	LENS ANGLE 2 (CLASS I)	LENS ANGLE 3 (CLASS I)	LENS ANGLE 5 (CLASS I)	LENS ANGLE F (CLASS I)
TL35S	LENS-TL35-C1BK	LENS-TL35-C2BK	LENS-TL35-C3BK	LENS-TL35-C5BK	LENS-TL35-CFBK
TL36S	LENS-TL36-C1BK	LENS-TL36-C2BK	LENS-TL36-C3BK	LENS-TL36-C5BK	LENS-TL36-CFBK
TL37S	LENS-TL37-C1BK	LENS-TL37-C2BK	LENS-TL37-C3BK	LENS-TL37-C5BK	LENS-TL37-CFBK
TL38S	LENS-TL38-C1BK	LENS-TL38-C2BK	LENS-TL38-C3BK	LENS-TL38-C5BK	LENS-TL38 -CFBK

	WALLWASHER LENS (CLASS II)	BEAM ELONGATOR LENS (CLASS II)	SLIGHT BEAM SPREAD (CLASS II)	MEDIUM BEAM SPREAD (CLASS II)	LARGE BEAM SPREAD (CLASS II)	IDENTIFICATION LENS (CLASS III)	PREFERENCE LENS (CLASS III)	HISTORY LENS (CLASS III)
TL35S	LENS-TL35-WWWT	LENS-TL35-EEWT	LENS-TL35-SSWT	LENS-TL35-MMWT	LENS-TL35-LLWT	LENS-TL35-RGWT	LENS-TL35-PFWT	LENS-TL35-HSWT
TL36S	LENS-TL36-WWWT	LENS-TL36-EEWT	LENS-TL36-SSWT	LENS-TL36-MMWT	LENS-TL36-LLWT	LENS-TL36-RGWT	LENS-TL36-PFWT	LENS-TL36-HSWT
TL37S	LENS-TL37-WWWT	LENS-TL37-EEWT	LENS-TL37-SSWT	LENS-TL37-MMWT	LENS-TL37-LLWT	LENS-TL37-RGWT	LENS-TL37-PFWT	LENS-TL37-HSWT
TL38S	LENS-TL38-WWWT	LENS-TL38-EEWT	LENS-TL38-SSWT	LENS-TL38-MMWT	LENS-TL38-LLWT	LENS-TL38-RGWT	LENS-TL38-PFWT	LENS-TL38-HSWT

OPTICAL ACCESSORIES

	EDGE HONEYCOMB (CLASS IV)	SNOOT BLACK (CLASS IV)	SNOOT WHITE (CLASS IV)	BARN DOOR BLACK (CLASS V)	BARN DOOR WHITE (CLASS V)
TL35S	LENS-TL35-HCM	LENS-TL35-SNOOT-B	LENS-TL35-SNOOT-W	LENS-TL35-BD-BK	LENS-TL35-BD-WT
TL36S	LENS-TL36-HCM	LENS-TL36-SNOOT-B	LENS-TL36-SNOOT-W	LENS-TL36-BD-BK	LENS-TL36-BD-WT
TL37S	LENS-TL37-HCM	LENS-TL37-SNOOT-B	LENS-TL37-SNOOT-W	LENS-TL37-BD-BK	LENS-TL37-BD-WT
TL38S	LENS-TL38-HCM	LENS-TL38-SNOOT-B	LENS-TL38-SNOOT-W	LENS-TL38-BD-BK	LENS-TL38-BD-WT

DIMMING MODULE

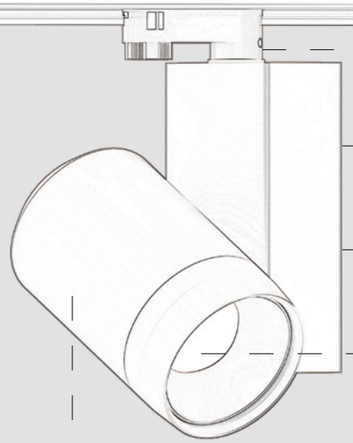
	ON-BOARD+0-10V DIMMING MODULE BLACK (CLASS VI)	ON-BOARD+0-10V DIMMING MODULE WHITE (CLASS VI)	DALI Dimming Module BLACK (CLASS VI)	DALI Dimming Module WHITE (CLASS VI)
				
TL35S	PART-TL35-D-BK	PART-TL35-D-WT	PART-TL35-A-BK	PART-TL35-A-WT
TL36S	PART-TL36-D-BK	PART-TL36-D-WT	PART-TL36-A-BK	PART-TL36-A-WT
TL37S	PART-TL37-D-BK	PART-TL37-D-WT	PART-TL37-A-BK	PART-TL37-A-WT
TL38S	PART-TL38-D-BK	PART-TL38-D-WT	PART-TL38-A-BK	PART-TL38-A-WT

Note: Up to six types of Accessories can be added, and each type of accessory can only be added one at a time

Mu Xing Art Museum
Jiaxing, Zhejiang Province

PALOMA SMART

Intelligent Controls



PALOMA SMART ADJUSTABLE

TL58F TL58S

Specifications

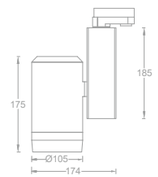
IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | WIFI | DMX

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation a nd 0°-90° vertical aiming tilt
- Accessories/Brackets: Remote controller (controls up to ordered separately and control up to 10 lights at the same time)
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  TL58F 3000K:2390lm 20W / 3470lm 30W / 4340lm 40W
  TL58S 3000K:2390lm 20W / 3470lm 30W / 4340lm 40W
- LED Lifetime: >50,000h-L70 /B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 2.68Kg

Product Features/Optics

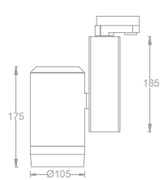
1 *12°* **2** *24°* **3** *36°* **F** *11°-55°* **Remote Controller**

Product Parameters



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL58F	**LM20** *COB 20W* **LM30** *COB 30W* **LM40** *COB 40W*	*4728cd(20W @ 11°)* *1588cd(20W @ 55°)* *6425cd(30W @ 11°)* *2102cd(30W @ 55°)* *7914cd(40W @ 11°)* *2628cd(40W @ 55°)*	**B** *APP* **G** *Remote controller* **M** *Remote controller DMX512*	**F** *11°-55°*	**9** *90*	**CC** *2700K-6500K*	**BK** *Black* **WT** *White*

Example : TL58FLM20-G-F9CCWT

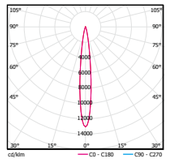


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL58S	**LM20** *COB 20W* **LM30** *COB 30W* **LM40** *COB 40W*	*27692cd(20W @3000K 12°)* *10831cd(20W @3000K 24°)* *5737cd(20W @3000K 36°)* *38323cd(30W @3000K 12°)* *14988cd(30W @3000K 24°)* *7912cd(30W @3000K 36°)* *51011cd(40W @3000K 12°)* *19202cd(40W @3000K 24°)* *10058cd(40W @3000K 36°)*	**B** *APP* **G** *Remote controller* **D** *Remote controller+0-10V* **M** *Remote controller DMX512*	**1** *12°* **2** *24°* **3** *36°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K*	**BK** *Black* **WT** *White*

Example : TL58SLM20-G-2930WT

Light Distribution

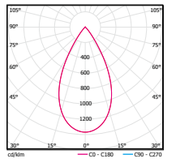
TL58F



TL58FLM40-G-F9CCBK（2700K Min Beam）

0º Aiming Angle

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

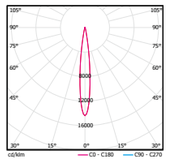


TL58FLM40-G-F9CCBK（2700K Max Beam）

0º Aiming Angle

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

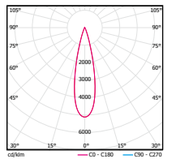
TL58S



TL58SLM40-G-1930BK

0º Aiming Angle

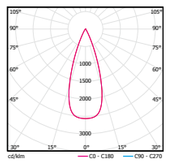
D(M)	LUX	W	L
1	51011	0.22	0.22
2	12753	0.44	0.44
3	5668	0.66	0.66
4	3188	0.88	0.88



TL58SLM40-G-2930BK

0º Aiming Angle

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



TL58SLM40-G-3930BK

0º Aiming Angle

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

Accessories

LENSES/FILTERS

MODEL	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
TL58S	LENS-25-BEL-SW	LENS-25-BSL	LENS-25-FR-SW	LENS-25-LCM-SW
TL58F	LENS-25-BEL-SW	LENS-25-BSL	LENS-25-FR-SW	LENS-25-LCM-SW

OPTICAL ACCESSORIES

MODEL	CROSS LOUVER (CLASS II)	HONEYCOMB (CLASS II)	SNOOT (CLASS II)
TL58S	LENS-25P-CRL-BK	LENS-25-HCL	LENS-25-SNOOT-SW
TL58F	LENS-25P-CRL-BK	LENS-73-HCM	LENS-73-SNOOT

Note：1. Up to 2 pieces Accessories, only one piece allowed for each CLASS
2. All must be ordered separately.

MODEL	Remote controller
TL58F / TL58S	PAD-TL58S-WT

Note: All must be ordered separately.

Shanghai Astronomy Museum
Shanghai, China

SWALLOW

The Swallow series of LED spots operates with the three-circuit track. The series applies optimally in museums, art galleries, hotels, high-end residential, retail stores and commercial spaces. Swallow provides professional and stylish general lighting from die-casting aluminum profiles and built-in COB LEDs without any visual heat sinks. These LED luminaires offer various beam angles, high luminous flux and excellent color rendering.

SWALLOW PRO

TL21H TL22H

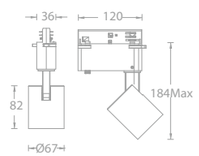
Specifications

- Body Material: Die-cast aluminum
- Optical System: Various Lenses
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-365° horizontal rotation and °-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  TL21H 3000K :650lm 6W / 720lm 8W / 1250lm 12W
  TL22H 3000K :1970lm 18W /2880lm 28W / 3520lm 38W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.6Kg / 1.3Kg

Product Features/Optics

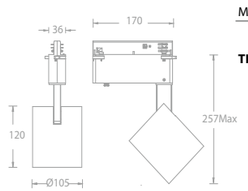
V *5°* **1** *12°* **2** *24°* **3** *36°* **5** *55°*

Product Parameters



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL21H	**LM08** *8W*	*30686cd(@3000K)*	**O** *On-board* **D** *0-10V Dimming*	**V** *5°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black* **WT** *White*
	LM06 *6W* **LM12** *12W*	*8896cd(12W @3000K 12°)* *5963cd(12W @3000K 24°)* *2546cd(12W @3000K 36°)* *1200cd(12W @3000K 55°)*		**1** *12°* **2** *24°* **3** *36°* **5** *55°*			

Example : TL21HLM08-O-V930WT

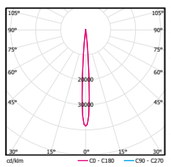


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL22H	**LM18** *18W* **LM28** *28W* **LM38** *38W*	*17696cd(18W @3000K 12°)* *6491cd(18W @3000K 24°)* *2999cd(18W @3000K 36°)* *1536cd(18W @3000K 50°)* *25010cd(28W @3000K 12°)* *10525cd(28W @3000K 24°)* *4691cd(28W @3000K 36°)* *2541cd(28W @3000K 50°)* *34012cd(38W @3000K 12°)* *13670cd(38W @3000K 24°)* *6281cd(38W @3000K 36°)* *3397cd(38W @3000K 50°)*	**O** *On-board* **D** *0-10V Dimming*	**1** *12°* **2** *24°* **3** *36°* **5** *50°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black* **WT** *White*

Example : TL22HLM18-O-1930WT

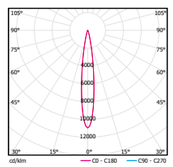
Light Distribution

TL21H



TL21HLM08-O-V930

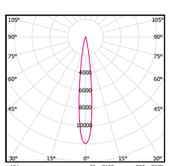
0° AIMING ANGLE			
D(M)	LUX	W	L
1	30686	0.10	0.10
2	7672	0.20	0.20
3	3410	0.29	0.29
4	1918	0.39	0.39



TL21HLM12-O-1930

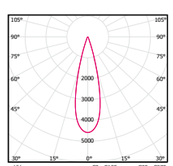
0° Aiming Angle			
D(M)	LUX	W	L
1	8896	0.25	0.25
2	2224	0.50	0.50
3	988	0.78	0.78
4	556	1.03	1.03

TL22H



TL22HLM18-O-1930

0° AIMING ANGLE			
D(M)	LUX	W	L
1	17696	0.25	0.25
2	4424	0.50	0.50
3	1966	0.62	0.62
4	1106	0.87	0.87

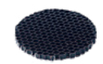


TL22HLM18-O-2930

0° Aiming Angle			
D(M)	LUX	W	L
1	6491	0.47	0.47
2	1623	0.95	0.95
3	721	1.4	1.4
4	406	1.87	1.87

Accessories

LENSES/FILTERS

Model	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
				
TL21H	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
TL22H	LENS-25-BEL-SW	LENS-25-BSL	LENS-25-FR-SW	LENS-25-LCM-SW

OPTICAL ACCESSORIES

Model	BARN DOOR (CLASS II)	SNOOT (CLASS II)	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)
TL21H	LENS-16-CRL	LENS-16-SNOOT	LENS-16-HCM	TL-21-BD-SW
TL22H	LENS-25P-CRL-BK	LENS-25-SNOOT-SW	LENS-25-HCL	TL-22-BD-SW

Note：1. CLASS I is not suitable for TL21HLM08, please see SPECIFICATIONS for details
2. Up to 3 Accessories, only one piece allowed for each CLASS
3. All must be ordered separately.

SWALLOW II

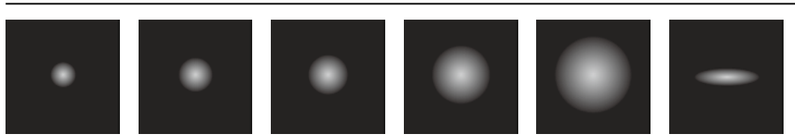
TL25S TL26S TL27S

Specifications

IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable

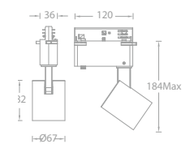
- Body Material: Die-cast aluminum
- Optical System: Clear Lens included
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
  TL25S 3000K :525lm 6W / 735lm 9W
  TL26S 3000K :735lm 9W / 1050lm 12W / 1470lm 18W / 1960lm 24W
  TL27S 3000K :1225lm 15W / 2625lm 30W / 2940lm 36W / 3675lm 45W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.6Kg / 1.3Kg / 2.3Kg

Product Features/Optics



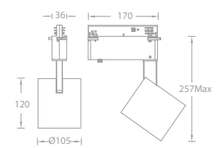
S *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **E** *10°x30°*

Product Parameters



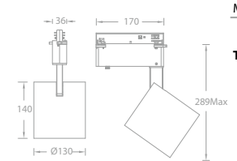
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL25S	**LD06** *6W* **LD09** *9W*	*11125cd(6W @3000K 7°)* *3627cd(6W @3000K 14°)* *2542cd(6W @3000K 20°)* *1090cd(6W @3000K 30°)* *682cd(6W @3000K 40°)* *2672cd(6W @3000K 10°x30°)* *14845cd(9W @3000K 7°)* *4851cd(9W @3000K 14°)* *3354cd(9W @3000K 20°)* *1444cd(9W @3000K 30°)* *908cd(9W @3000K 40°)* *3572cd(9W @3000K 10°x30°)*	**O** *On-board* **D** *0-10V Dimming*	**S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **E** *10°x30°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black* **WT** *White*

Example : TL25SLD06-O-1930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL26S	**LD09** *9W*	*26330cd(@3000K)*	**O** *On-board* **D** *0-10V Dimming*	**V** *5°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black* **WT** *White*
	LD12 *12W* **LD18** *18W* **LD24** *24W*	*12921cd(12W @3000K 7°)* *4234cd(12W @3000K 14°)* *4016cd(12W @3000K 20°)* *1713cd(12W @3000K 30°)* *1223cd(12W @3000K 40°)* *3114cd(12W @3000K 10°x30°)* *18043cd(18W @3000K 7°)* *5876cd(18W @3000K 14°)* *5587cd(18W @3000K 20°)* *2377cd(18W @3000K 30°)* *1694cd(18W @3000K 40°)* *4528cd(18W @3000K 10°x30°)* *36110cd(24W @3000K 7°)* *9286cd(24W @3000K 14°)* *7430cd(24W @3000K 20°)* *3315cd(24W @3000K 30°)* *2369cd(24W @3000K 40°)* *10664cd(24W @3000K 10°x30°)*		**S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **E** *10°x30°*			

Example : TL26SLD12-O-1930WT

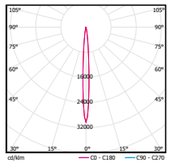


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL27S	**LD15** *15W*	*43664cd(@3000K)*	**O** *On-board* **D** *0-10V Dimming*	**V** *5°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black* **WT** *White*
	LD30 *30W* **LD36** *36W* **LD45** *45W*	*50350cd(30W @3000K 7°)* *15105cd(30W @3000K 14°)* *11284cd(30W @3000K 20°)* *5495cd(30W @3000K 30°)* *3434cd(30W @3000K 40°)* *13668cd(30W @3000K 10°x30°)* *55169cd(36W @3000K 7°)* *17344cd(36W @3000K 14°)* *12378cd(36W @3000K 20°)* *6125cd(36W @3000K 30°)* *3647cd(36W @3000K 40°)* *16027cd(36W @3000K 10°x30°)* *67514cd(45W @3000K 7°)* *20795cd(45W @3000K 14°)* *15317cd(45W @3000K 20°)* *7453cd(45W @3000K 30°)* *4636cd(45W @3000K 40°)* *18045cd(45W @3000K 10°x30°)*		**S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **E** *10°x30°*			

Example : TL27SLD30-O-1930WT

Light Distribution

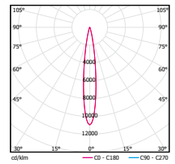
TL25S



TL25SLD09-O-S930

0º AIMING ANGLE

D(M)	LUX	W	L
1	14845	0.13	0.13
2	3711	0.25	0.25
3	1649	0.38	0.38
4	928	0.51	0.51

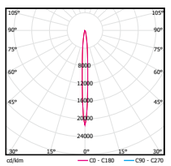


TL25SLD09-1930

0º Aiming Angle

D(M)	LUX	W	L
1	4851	0.24	0.24
2	1213	0.48	0.48
3	539	0.73	0.73
4	303	0.97	0.97

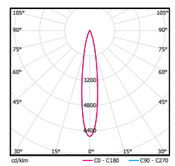
TL26S



TL26SLD18-O-S930

0º AIMING ANGLE

D(M)	LUX	W	L
1	18043	O.12	O.12
2	4511	0.24	0.24
3	2005	0.36	0.36
4	1128	0.48	0.48

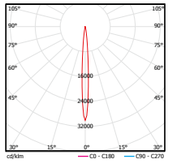


TL26SLD18-O-1930

0º Aiming Angle

D(M)	LUX	W	L
1	5876	0.3	0.3
2	1469	0.6	0.6
3	653	0.9	0.9
4	367	0.12	0.12

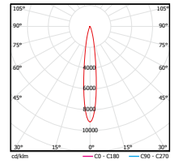
TL27S



TL27SLD36-O-S930

0º AIMING ANGLE

D(M)	LUX	W	L
1	55169	0.13	0.13
2	13792	0.27	0.27
3	6130	0.4	0.4
4	3448	0.53	0.53



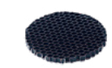
TL27SLD36-O-1930

0º Aiming Angle

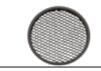
D(M)	LUX	W	L
1	17344	0.26	0.26
2	4336	0.52	0.52
3	1927	0.78	0.78
4	1084	1.04	1.04

Accessories

LENSES/FILTERS

Model	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
				
TL25S	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
TL26S	LENS-25-BEL-SW	LENS-25-BSL	LENS-25-FR-SW	LENS-25-LCM-SW
TL27S	LENS-111-BEL-SW	LENS-111-BSL	LENS-111-FR	LENS-111-LCM-SW

OPTICAL ACCESSORIES

Model	BARN DOOR (CLASS II)	SNOOT (CLASS II)	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)
				
TL25S	LENS-16-CRL	LENS-16-SNOOT	LENS-16-HCM	TL-21-BD-SW
TL26S	LENS-25P-CRL-BK	LENS-25-SNOOT-SW	LENS-25-HCL	TL-22-BD-SW
TL27S	LENS-111-CRL-C	LENS-111-SNOOT	LENS-111-HCL	TL-23-BD-SW

Note：1. Up to 3 Accessories, only one piece allowed for each CLASS
2. All must be ordered separately.

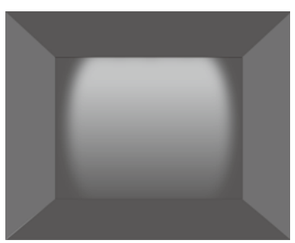
SWALLOW WALL WASHER

TL21W TL22W

Specifications

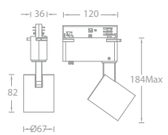
- Body Material: Die-cast aluminum
- Optical System: Dual Optical System
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Barn door is available.
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  TL21W 3000K :650lm 6W / 1250lm 12W
  TL22W 3000K :1970lm 18W / 2880lm 28W / 3520lm 38W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.6Kg / 1.3Kg

Product Features/Optics



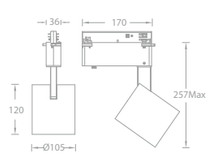
W *Wall Washer*

Product Parameters



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

Example : TL21WLM06-O-W930WT

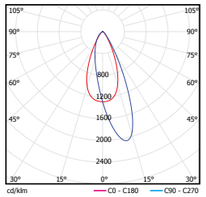


Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL22W	**LM18** *18W* **LM28** *28W* **LM38** *38W*	*1292lm(@18W 3000K)* *1997lm(@28W 3000K)* *2640lm(@38W 3000K)*	**O** *On-board* **D** *0-10V Dimming*	**W** *Wall Washer*	**9** *90*	**30** *3000K* **40** *4000K*	**BK** *Black* **WT** *White*

Example : TL22WLM18-O-W930WT

Light Distribution

TL21WLM12-O-W930



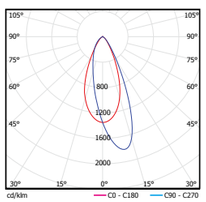
Specifications:
Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 1.1

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	78	69	79	68	79
2.40	189	182	188	184	188
2.10	240	250	237	249	238
1.80	244	259	240	259	244
1.50	228	238	226	239	226
1.20	197	204	196	206	197
0.90	165	170	165	172	164
0.60	139	143	139	142	138
0.30	121	126	123	126	122

Specifications:
Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 1

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	83	80	83	78	84
2.40	199	212	199	213	200
2.10	257	285	252	284	255
1.80	263	292	259	292	262
1.50	247	266	244	267	245
1.20	215	226	214	228	215
0.90	181	187	182	188	180
0.60	153	156	153	155	152
0.30	132	137	135	136	134

TL22WLM28-O-W930



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

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.50	87	78	91	76	88
4.00	196	189	199	188	196
3.50	239	246	237	246	238
3.00	245	248	244	249	244
2.50	225	223	222	224	222
2.00	185	186	183	186	183
1.50	150	153	151	154	148
1.00	123	126	125	126	123
0.50	107	110	108	110	107

Specifications:
Number of luminaires: n > 5
Wall height (m): 5.0
Angle of tilt: 30°
Offset from wall (m): 1.5
Luminaire spacing (m): 1.6

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.50	93	93	98	92	95
4.00	212	223	214	223	212
3.50	261	285	257	285	261
3.00	270	284	268	286	268
2.50	249	253	246	254	246
2.00	206	211	204	209	204
1.50	167	171	168	171	165
1.00	137	140	141	139	138
0.50	119	123	122	122	119

Accessories

OPTICAL ACCESSORIES

Model	BARN DOOR (CLASS III)
TL21W	TL-21-BD-SW
TL22W	TL-22-BD-SW

Note：All must be ordered separately.

SWALLOW TUNABLE

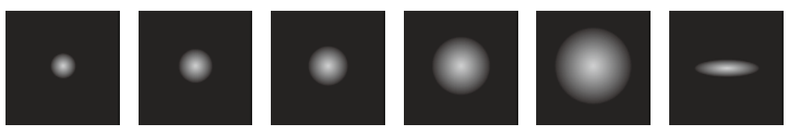
TL25H TL26H TL27H

Specifications

IP20 | 40℃ -20℃ | Input 24V DC | DMX

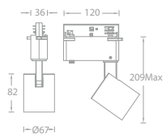
- Body Material: Die-cast aluminum
- Optical System: Clear Lens included
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: High Power LED
- LED color and output:
  TL25H : Red 104lm; Green 146lm; Blue 51lm
  TL26H : Red 208lm; Green 292lm; Blue 102lm
  TL27H :18W: Red 312lm; Green 438lm; Blue 153lm
  24W: Red 416lm; Green 584lm; Blue:204lm
  30W: Red 520lm; Green 730lm; Blue:255lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- Net Weight: 0.6Kg / 1.3Kg / 2.0Kg

Product Features/Optics



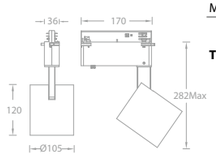
S *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **E** *10°x30°*

Product Parameters



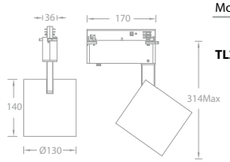
Model	LED Power	System CBCP	Dimming	Beam	CCT	Finish
TL25H	**LD06** *6W*	*4326cd(6W 7°)* *2322cd(6W 14°)* *1592cd(6W 20°)* *820cd(6W 30°)* *531cd(6W 40°)* *1381cd(6W 10°x30°)*	**M** *DMX512 Dimming 24V DC Power Supply*	**S** *7°* **1** *14°* **2** *20°* **3** *30°* **4** *40°* **E** *10°x30°*	**FC** *R+G+B*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

Example : TL25HLD06-M-2FCBK



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

Example : TL26HLD12-M-2FCBK

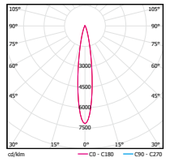


Model	LED Power	System CBCP	Dimming	Beam	CCT	Finish
TL27H	**LD18** *18W* **LD24** *24W* **LD30** *30W*	*20393cd(18W 7°)* *8556cd(18W 14°)* *4611cd(18W 20°)* *2198cd(18W 30°)* *1354cd(18W 40°)* *5103cd(18W 10°x30°)* *26623cd(24W 7°)* *11668cd(24W 14°)* *6380cd(24W 20°)* *3076cd(24W 30°)* *1916cd(24W 40°)*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

Example : TL27HLD30-M-2FCBK

Light Distribution

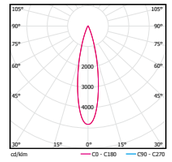
TL25H



TL25HLD06-M-1FCBK

0° Aiming Angle

D(M)	LUX	W	L
1	2051	0.15	0.15
2	513	0.3	0.3
3	228	0.45	0.45
4	128	0.6	0.6

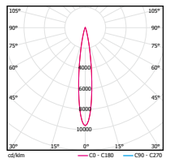


TL25HLD06-M-2FCBK

0° Aiming Angle

D(M)	LUX	W	L
1	1436	0.21	0.21
2	359	0.42	0.42
3	160	0.63	0.63
4	90	0.84	0.84

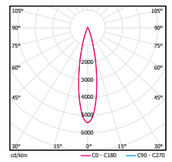
TL26H



TL26HLD18-M-1FCBK

0° Aiming Angle

D(M)	LUX	W	L
1	5844	0.26	0.26
2	1461	0.52	0.52
3	649	0.78	0.78
4	365	1.04	1.04

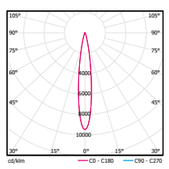


TL26HLD18-M-2FCBK

0° Aiming Angle

D(M)	LUX	W	L
1	3155	0.38	0.38
2	789	0.76	0.76
3	351	1.14	1.14
4	197	1.52	1.52

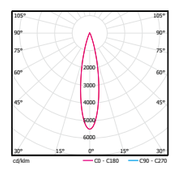
TL27H



TL27HLD18-M-1FCBK

0° Aiming Angle

D(M)	LUX	W	L
1	8376	0.25	0.25
2	2094	0.5	0.5
3	931	0.75	0.75
4	524	0.1	0.1



TL27HLD18-M-2FCBK

0° Aiming Angle

D(M)	LUX	W	L
1	4534	0.36	0.36
2	1134	0.72	0.72
3	170	1.08	1.08
4	283	1.44	1.44

Accessories

LENSES/FILTERS

MODEL	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
TL25H	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
TL26H	LENS-25-BEL-SW	LENS-25-BSL	LENS-25-FR-SW	LENS-25-LCM-SW
TL27H	LENS-111-BEL-SW	LENS-111-BSL	LENS-111-FR	LENS-111-LCM-SW

OPTICAL ACCESSORIES

MODEL	BARN DOOR (CLASS II)	SNOOT (CLASS II)	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)
TL25H	LENS-16-CRL	LENS-16-SNOOT	LENS-16-HCM	TL-21-BD-SW
TL26H	LENS-25P-CRL-BK	LENS-25-SNOOT-SW	LENS-25-HCL	TL-22-BD-SW
TL27H	LENS-111-CRL-C	LENS-111-SNOOT	LENS-111-HCL	TL-23-BD-SW

Note：1. Up to 3 Accessories, only one piece allowed for each CLASS
2. All must be ordered separately.

Jiazhou "Ye Popo" Chengdu Huijin Square Shop
Chengdu, Sichuan Province

SILO

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

SILO PRO

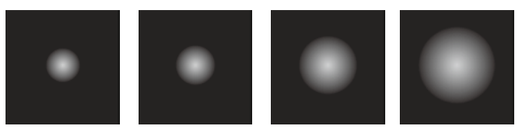
TL15H TL16H TL17H

Specifications

IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable | DALI

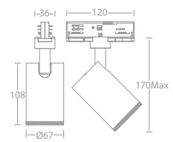
- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  TL15H 3000K :800lm 6W / 1260lm 12W
  TL16H 3000K :2120lm 18W /2830lm 26W
  TL17H 3000K :3530lm 34W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



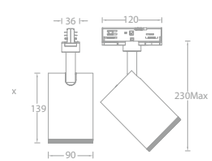
1 *13°* **2** *24°* **3** *36°* **5** *55°*

Product Parameters



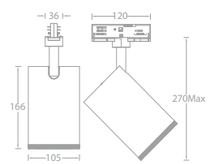
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL15H	**LM06** *COB 6W* **LM12** *COB 12W*	*5986cd (@6W 3000K 13°)* *4564cd (@6W 3000K 24°)* *1321cd (@6W 3000K 35°)* *476cd (@6W 3000K 55°)* *9466cd (@12W 3000K 13°)* *7216cd (@12W 3000K 24°)* *2089cd (@12W 3000K 35°)* *753cd (@12W 3000K 55°)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**1** *13°* **2** *24°* **3** *36°* **5** *55°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : TL15HLM12-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL16H	**LM18** *COB 18W* **LM26** *COB 26W*	*17728cd(@18W 3000K 13°)* *9782cd(@18W 3000K 24°)* *4945cd (@18W 3000K 35°)* *1778cd (@18W 3000K 55°)* *23504cd (@26W 3000K 13°)* *12969cd (@26W 3000K 24°)* *6557cd (@26W 3000K 35°)* *2357cd (@26W 3000K 55°)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**1** *13°* **2** *24°* **3** *36°* **5** *55°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : TL16HLM18-O-2930WT

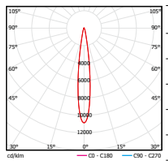


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL17H	**LM34** *COB 34W*	*33432cd (@34W 3000K 13°)* *13443cd (@34W 3000K 24°)* *6154cd(@34W 3000K 35°)* *3104cd(@34W 3000K 55°)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**1** *13°* **2** *24°* **3** *36°* **5** *55°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : TL17HLM34-O-2930WT

TL15H

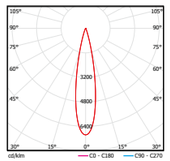
TL15HLM06-O-1930



0º Aiming Angle

D(M)	LUX	W	L
1	5986	0.25	0.25
2	1497	0.50	0.50
3	665	0.75	0.75
4	374	1.00	1.00

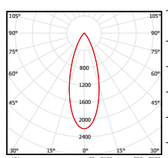
TL15HLM06-O-2930



0º Aiming Angle

D(M)	LUX	W	L
1	4564	0.36	0.36
2	1141	0.72	0.72
3	507	1.08	1.08
4	285	1.44	1.44

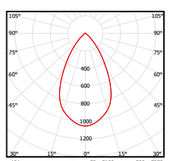
TL15HLM06-O-3930



0º Aiming Angle

D(M)	LUX	W	L
1	1321	0.63	0.63
2	330	1.26	1.26
3	147	1.89	1.89
4	83	2.52	2.52

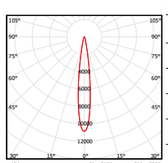
TL15HLM06-O-5930



0º Aiming Angle

D(M)	LUX	W	L
1	476	1.10	1.10
2	119	2.20	2.20
3	53	3.30	3.30
4	30	4.40	4.40

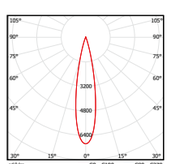
TL15HLM12-O-1930



0º Aiming Angle

D(M)	LUX	W	L
1	9466	0.25	0.25
2	2367	0.50	0.50
3	1052	0.75	0.75
4	592	1.00	1.00

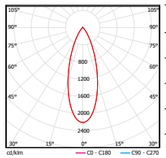
TL15HLM12-O-2930



0º Aiming Angle

D(M)	LUX	W	L
1	7216	0.36	0.36
2	1804	0.72	0.72
3	802	1.08	1.08
4	451	1.44	1.44

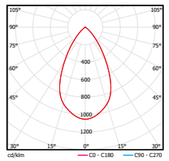
TL15HLM12-O-3930



0º Aiming Angle

D(M)	LUX	W	L
1	2089	0.63	0.63
2	522	1.26	1.26
3	232	1.89	1.89
4	131	2.52	2.52

TL15HLM12-O-5930

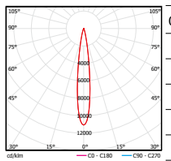


0º Aiming Angle

D(M)	LUX	W	L
1	753	1.10	1.10
2	188	2.20	2.20
3	84	3.30	3.30
4	47	4.40	4.40

TL16H

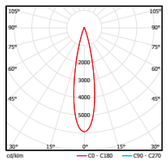
TL16HLM18-O-1930



0º Aiming Angle

D(M)	LUX	W	L
1	17728	0.25	0.25
2	4432	0.50	0.50
3	1970	0.75	0.75
4	1108	1.00	1.00

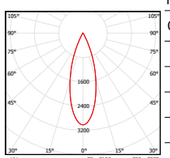
TL16HLM18-O-2930



0º Aiming Angle

D(M)	LUX	W	L
1	9782	0.39	0.39
2	2446	0.78	0.78
3	1087	1.17	1.17
4	611	1.56	1.56

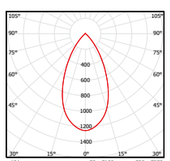
TL16HLM18-O-3930



0º Aiming Angle

D(M)	LUX	W	L
1	4945	0.57	0.57
2	1236	1.14	1.14
3	549	1.71	1.71
4	309	2.28	2.28

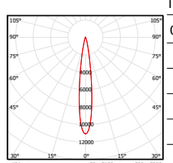
TL16HLM18-O-5930



0º Aiming Angle

D(M)	LUX	W	L
1	1777	0.98	0.98
2	444	1.96	1.96
3	197	2.94	2.94
4	111	3.92	3.92

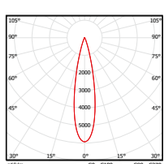
TL16HLM26-O-1930



0º Aiming Angle

D(M)	LUX	W	L
1	23504	0.25	0.25
2	5876	0.50	0.50
3	2612	0.75	0.75
4	1469	1.00	1.00

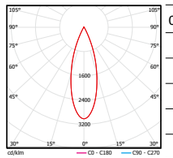
TL16HLM26-O-2930



0º Aiming Angle

D(M)	LUX	W	L
1	12969	0.39	0.39
2	3242	0.78	0.78
3	1441	1.17	1.17
4	811	1.56	1.56

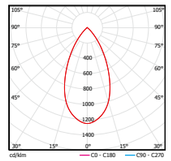
TL16HLM26-O-3930



0º Aiming Angle

D(M)	LUX	W	L
1	6557	0.57	0.57
2	1639	1.14	1.14
3	729	1.71	1.71
4	410	2.28	2.28

TL16HLM26-O-5930

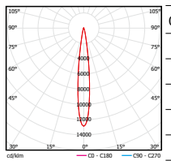


0º Aiming Angle

D(M)	LUX	W	L
1	2357	0.98	0.98
2	589	1.96	1.96
3	262	2.94	2.94
4	147	3.92	3.92

Light Distribution

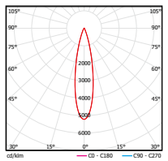
TL17H



TL17HLM34-O-1930

0º Aiming Angle

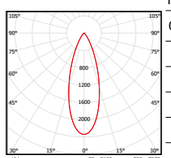
D(M)	LUX	W	L
1	33432	0.23	0.23
2	8358	0.46	0.46
3	3715	0.69	0.69
4	2090	0.92	0.92



TL17HLM34-O-2930

0º Aiming Angle

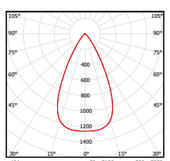
D(M)	LUX	W	L
1	13443	0.39	0.39
2	3361	0.78	0.78
3	1494	1.17	1.17
4	840	1.56	1.56



TL17HLM34-O-3930

0º Aiming Angle

D(M)	LUX	W	L
1	6154	0.61	0.61
2	1539	1.22	1.22
3	684	1.83	1.83
4	385	2.44	2.44



TL17HLM34-O-5930

0º Aiming Angle

D(M)	LUX	W	L
1	3104	1.00	1.00
2	776	2.00	2.00
3	345	3.00	3.00
4	194	4.00	4.00

Accessories

LENSES/FILTERS

MODEL	Beam Refractor Small (CLASS I)	Beam Refractor Flooc (CLASS I)	BEAM ELONGATOR (CLASS I)	WALLWASHER BEAM LENS (CLASS I)
TL15H	LENS-TL15H-MIX	LENS-TL15H-FIX	LENS-TL15H-WOF	LENS-TL15H-WW
TL16H	LENS-TL16H-MIX	LENS-TL16H-FIX	LENS-TL16H-WOF	LENS-TL16H-WW
TL17H	LENS-TL17H-MIX	LENS-TL17H-FIX	LENS-TL17H-WOF	LENS-TL17H-WW

OPTICAL ACCESSORIES

MODEL	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)	SNOOT (CLASSIII)
TL15H	LENS-16-HCM	TL-21-BD-SW	LENS-TL15H-SNOOT-B LENS-TL15H-SNOOT-W
TL16H	LENS-73-HCM	LENS-73-BD	LENS-TL16H-SNOOT-B LENS-TL16H-SNOOT-W
TL17H	LENS-25-HCL	TL-22-BD-SW	LENS-TL17H-SNOOT-B LENS-TL17H-SNOOT-W

Note：1. Up to 3 Accessories, only one piece allowed for each CLASS
2. All must be ordered separately.

SILO FOCUS

TL15F TL16F TL17F

Specifications

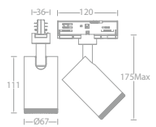
IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable | DALI

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  TL15F 3000K :670lm 6W / 1200lm 12W
  TL16F 3000K :1700lm 18W /2500lm 26W
  TL17F 3000K :3530lm 34W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics

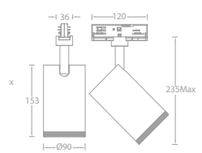
F *12°-50°*

Product Parameters



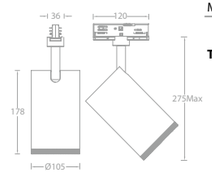
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL15F	**LM06** *COB 6W* **LM12** *COB 12W*	*2395cd (@6W 3000K 12°)* *424cd (@6W 3000K 50°)* *3187cd (@12W 3000K 12°)* *616cd (@12W 3000K 50°)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**F** *12°-50°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : TL15FLM06-O-F930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL16F	**LM18** *COB 18W* **LM26** *COB 26W*	*4670cd (@18W 3000K 12°)* *689cd (@18W 3000K 50°)* *5859cd (@26W 3000K 12°)* *952cd (@26W 3000K 50°)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**F** *12°-50°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : TL16FLM18-O-F930WT

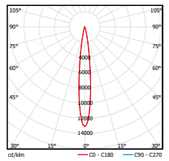


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL17F	**LM34** *COB 34W*	*6780cd (@34W 3000K 12°)* *1205cd (@34W 3000K 50°)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**F** *12°-50°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : TL17FLM34-O-F930WT

Light Distribution

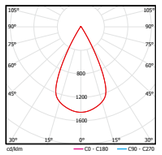
TL15F



TL15FLM06-O-F930(MIN)

0º AIMING ANGLE

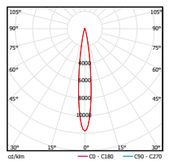
D(M)	LUX	W	L
1	2395	0.23	0.23
2	599	0.46	0.46
3	266	0.69	0.69
4	150	0.92	0.92



TL15FLM06-O-F930(MAX)

0º Aiming Angle

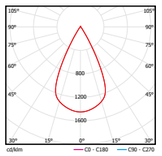
D(M)	LUX	W	L
1	424	0.99	0.99
2	106	1.98	1.98
3	47	2.97	2.97
4	27	3.96	3.96



TL15FLM12-O-F930(Min)

0º AIMING ANGLE

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

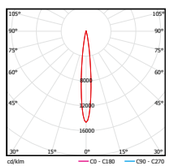


TL15FLM12-O-F930(Max)

0º Aiming Angle

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

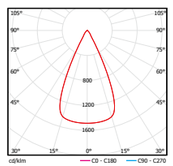
TL16F



TL16FLM18-O-F930(MIN)

0º AIMING ANGLE

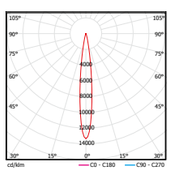
D(M)	LUX	W	L
1	4670	0.21	0.21
2	1168	0.42	0.42
3	519	0.63	0.63
4	292	0.84	0.84



TL16FLM18-O-F930(MAX)

0º Aiming Angle

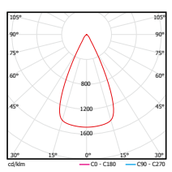
D(M)	LUX	W	L
1	689	0.93	0.93
2	172	1.86	1.86
3	77	2.79	2.79
4	43	3.72	3.72



TL16FLM26-O-F930(Min)

0º AIMING ANGLE

D(M)	LUX	W	L
1	5859	0.22	0.22
2	1465	0.44	0.44
3	651	0.66	0.66
4	366	0.88	0.88

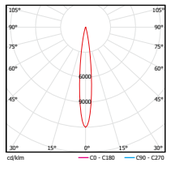


TL16FLM26-O-F930(Max)

0º Aiming Angle

D(M)	LUX	W	L
1	952	0.93	0.93
2	238	1.86	1.86
3	106	2.79	2.79
4	60	3.72	3.72

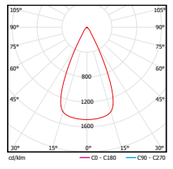
TL17F



TL17FLM34-O-F930(Min)

0º AIMING ANGLE

D(M)	LUX	W	L
1	6780	0.23	0.23
2	1695	0.46	0.46
3	753	0.69	0.69
4	424	0.92	0.92



TL17FLM34-O-F930(Max)

0º Aiming Angle

D(M)	LUX	W	L
1	1205	0.93	0.93
2	301	1.86	1.86
3	134	2.79	2.79
4	75	3.72	3.72

Accessories

LENSES/FILTERS

MODEL	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
TL15F	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
TL16F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C
TL17F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C

OPTICAL ACCESSORIES

MODEL	SNOOT (CLASS II)	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)
TL15F	LENS-15-SNOOT	/	TL-21-BD-SW
TL16F	LENS-20-SNOOT	LENS-20-HCL	LENS-73-BD
TL17F	LENS-22-SNOOT	LENS-20-HCL	TL-22-BD-SW

Note：1. Up to 3 Accessories, only one piece allowed for each CLASS
2. All must be ordered separately.

SILO PRO WALL WASHER

TL15W TL16W TL17W

Specifications

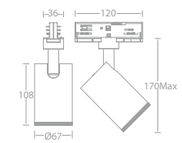
IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable | DALI

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  TL15W 3000K :800lm 6W / 1330lm 12W
  TL16W 3000K :2120lm 18W /2830lm 26W
  TL17W 3000K :3530lm 34W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics

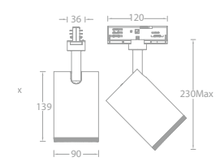
W *Wall Washer*

Product Parameters



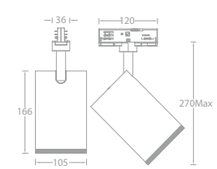
Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
TL15W	**LM06** *COB 6W* **LM12** *COB 12W*	*519lm(@6W 3000K)* *822lm(@12W 3000K)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**W** *Wall Washer*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : TL15WLM12-O-W930WT



Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
TL16W	**LM18** *COB 18W* **LM26** *COB 26W*	*1555lm(@18W 3000K)* *2061lm(@26W 3000K)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**W** *Wall Washer*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : TL16WLM18-O-W930WT

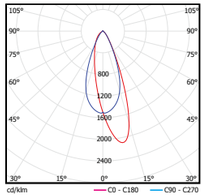


Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
TL17W	**LM34** *COB 34W*	*2464lm(@34W 3000K)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**W** *Wall Washer*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : TL17WLM34-O-W930WT

Light Distribution

TL15WLM12-O-W930WT

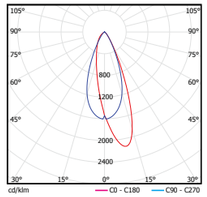


Specifications:

Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 25°
Offset from wall (m): 1.0
Luminaire spacing (m): 1.2

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	93	90	93	89	93
2.30	149	167	149	167	148
1.90	162	191	162	191	162
1.50	159	180	159	180	158
1.10	142	156	143	156	142
0.70	117	126	118	126	117
0.30	96	101	97	101	96

TL16WLM26-O-W930WT

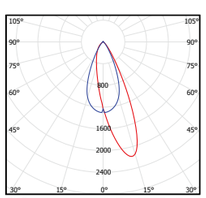


Specifications:

Number of luminaires: n > 5
Wall height (m): 3.6
Angle of tilt: 25°
Offset from wall (m): 1.2
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
3.40	81	78	83	79	82
3.00	199	195	199	194	199
2.60	243	278	244	278	243
2.20	255	301	256	301	255
1.80	256	289	256	289	255
1.40	237	266	239	266	237
1.00	210	234	212	234	210
0.60	180	198	181	198	180
0.20	155	163	157	164	155

TL17WLM34-O-W930WT



Specifications:

Number of luminaires: n > 5
Wall height (m): 4.8
Angle of tilt: 25°
Offset from wall (m): 1.5
Luminaire spacing (m): 1.8

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.50	43	49	43	49	42
3.90	101	118	101	118	100
3.30	127	160	128	160	127
2.70	138	168	139	168	138
2.10	141	161	142	161	141
1.50	135	147	136	147	134
0.90	123	131	125	131	123
0.30	108	113	109	113	107

Accessories

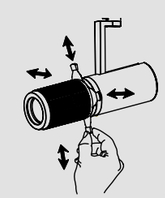
OPTICAL ACCESSORIES

MODEL	BARN DOOR
TL15W	TL-21-BD-SW
TL16W	LENS-73-BD
TL17W	TL-22-BD-SW

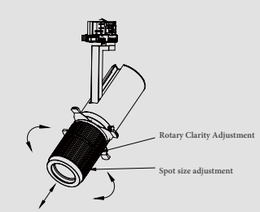
Note: All must be ordered separately.

Luoyang Museum
Luoyang, Henan Province

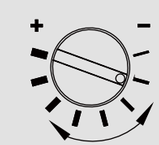
GOBO PRO



Customized Cropping in shapes changing



Adjusting spot size and lighting effects



Adjusting the brightness of illumination

GOBO PRO

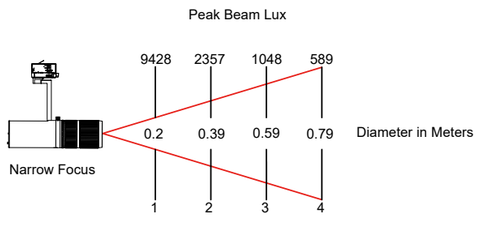
TL56FLM10-O-R TL57FLM25-O-R TL57FLM25-O-F

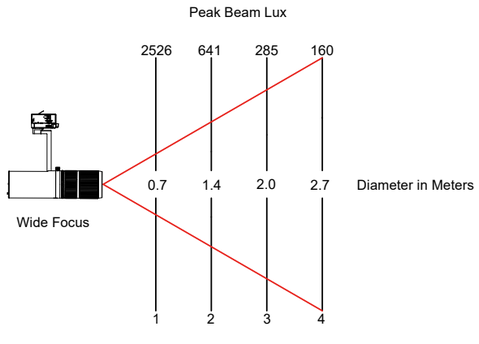
Specifications

IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | DALI | Dimmable

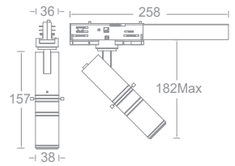
- Body Material: Die-cast aluminum
- Optical System: Dual Optical System Framing Projector
  Finish: Environmentally safe powder coat
  Adjustable Angle:
  TL56F: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
  TL57F: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: GOBO glass available
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  TL56F 3000K 1000lm
  TL57F 3000K 2600lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
  LED Color Consistency: 3 SDCM
- Net Weight: 0.45kg / 1.8Kg

Product Features/Optics



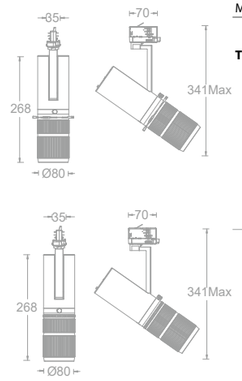


Product Parameters



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL56F	**LM10** *10W*	*3006cd (@10W 3000K Max)* *645cd (@10W 3000K Wide)*	**O** *On-board* **D** *0-10V Dimming* **A** *DALI*	**R** *Reinvent*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black* **WT** *White*

Example : TL56FLM10-O-R930WT
In the Beam column code, "R" adjustable framing shims create a feature accenting,rectangular pattern of illumination.

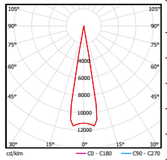


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL57F	**LM25** *25W*	*5315cd (@25W 3000K Max)*	**O** *On-board* **D** *0-10V Dimming* **A** *DALI*	**R** *Reinvent* **F** *Focus*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black* **WT** *White*

Example : TL57FLM25-O-F930WT
In the beam column code :
"R" adjustable framing shims create a feature accenting,rectangular pattern of illumination.
"F" adjustable optical lens allows for focusing for crisp illumination.

Light Distribution

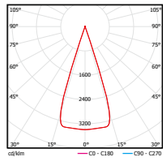
TL56F



TL56FLM10-O-R930BK-min

0° Aiming Angle

D(M)	LUX	W	L
1	2494	0.33	0.33
2	624	0.66	0.66
3	277	0.99	0.99
4	156	1.32	1.32

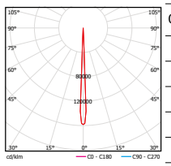


TL56FLM10-O-R930BK-max

0° Aiming Angle

D(M)	LUX	W	L
1	624	0.64	0.64
2	156	1.28	1.28
3	69	1.92	1.92
4	39	2.56	2.56

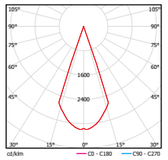
TL57F



TL57FLM25-O-F930WT

0° Aiming Angle

D(M)	LUX	W	L
1	9428	0.2	0.2
2	2357	0.39	0.39
3	1048	0.59	0.59
4	589	0.79	0.79

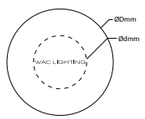


TL57FLM25-O-R930WT

0° Aiming Angle

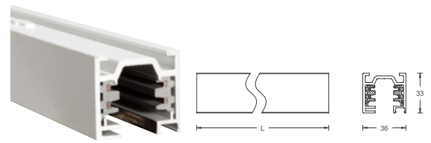
D(M)	LUX	W	L
1	2562	0.7	0.7
2	641	1.4	1.4
3	285	2.0	2.0
4	160	2.7	2.7

Accessories

Cutoff Accessories	LENS-TL57F-F-WT LENS-TL57F-F-BK Cutoff mode blocked by R four components Change to F circular variable diameter cutoff mode		LENS-TL57F-R-WT LENS-TL57F-R-BK From F circular variable diameter cutoff mode Change to R four leaf occlusion cutoff mode	
GOBO Sheet Accessories	LENS-TL56F-GOBO LENS-TL57F-GOBO Gobo piece Accessories with WAC logo			

All Accessories need to be ordered separately. The luminaire includes a corresponding cutoff accessory when it ships. The GOBO sheet is not included.
The cutoff Accessories can be interchanged by hand, and can be installed at the same time with the GOBO sheet, but only one cutoff accessory can be added to each luminaire.
GOBO(TL56)sheet size: thickness 1mm, D is Ø 19.6mm, d is Ø14mm, the text or pattern content can be customized (the diameter cannot exceed 14mm).
GOBO(TL57)sheet size: thickness 1mm, D is Ø 33mm, d is Ø14mm, the text or pattern content can be customized (the diameter cannot exceed 14mm).

3-CIRCUIT TRACK SYSTEM

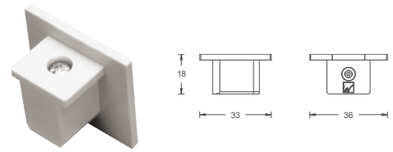


WT

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

Example :WT1M-WT-C

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

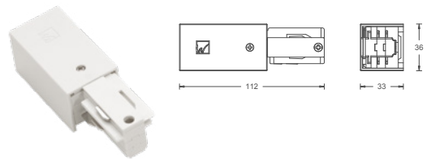


WEC

Model	Finish			Weight
	BK	PT	WT	
WEC	•	•	•	0.01kg

Example :WEC-WT-C

End cap: To cover the end of a track run.

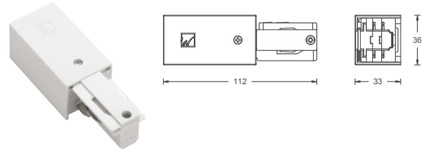


WEDR

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

Example : WEDR-WT-C

Live end connector right.To start a run.

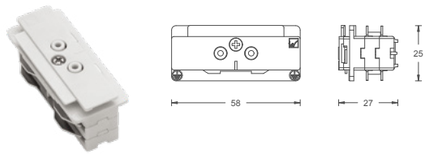


WEDL

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

Example :WEDL-WT-C

Live end connector left:To start a run.

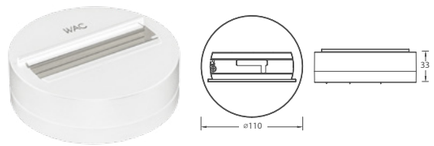


WPC

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

Example : WPC-WT-C

"I" power connector: Straight line connector used to join two sections of track with electrical continuity.

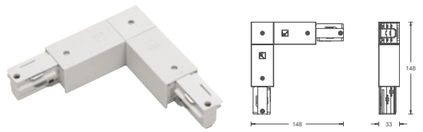


WMP

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

Example : WMP-WT-C

Ceiling plate
Three-circuit lamps can be directly connected to the ceiling plate to replace the role of the three-circuit track.
Built-in two-core electrode, the lamp needs to be adjusted to the circuit L1 before it can be energized; the maximum lifting weight is 4kg.

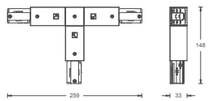


WLLC

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

Example :WLLC-WT-C

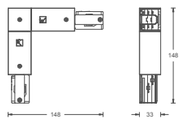
"L" connector left: To connect two track sections at 90° for a left turn. Power feedable.



WLTC

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

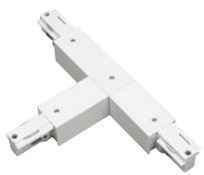
Example :WLTC-WT-C
"T" connector left: To join three track sections all at 90°. Power feedable.

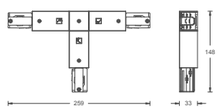


WRLC

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

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

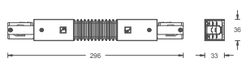




WRTC

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

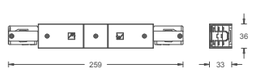
Example : WRTC-WT-C
"T" connector right. To join three track sections all at 90º. Power feedable.



WFC

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

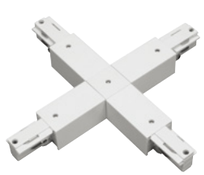
Example :WFC -WT-C
Flexible connector.Connects two track sections at variable angles from 60º to 180º. Used as a transition from wall-to-wall, wall-to-ceiling,or ceiling-to-ceiling.Power feedable.

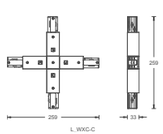


WIC

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

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





WXC

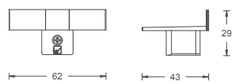
Model	Finish			Weight
	BK	PT	WT	
WXC	•	•	•	0.45kg

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

WT-RT

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

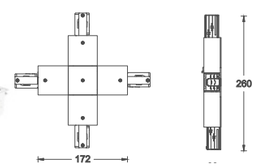
Example :WT1M-RT-2-WT
Recessed flanged track: Extruded aluminum construction. Track offers three separately controlled circuits. Each circuit is rated 16A maximum and fully polarized and grounded throughout.



WEC-RT

Model	Finish			Weight
	BK	PT	WT	
WEC-RT-2	•	•	•	0.01kg

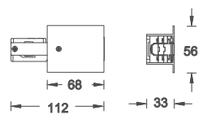
Example : WEC-RT-2-WT
Flanged end cap. To cover the end of a track run.



WXC-RT

Model	Finish			Weight
	BK	PT	WT	
WXC-RT-2	•	•	•	0.89kg

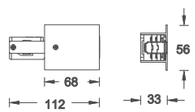
Example : WXC-RT-2-WT
Flanged (X)connector. To connect four track sections into a cross configuration.Power feedable.



WEDL-RT

Model	Finish			Weight
	BK	PT	WT	
WEDL-RT-2	•	•	•	0.28kg

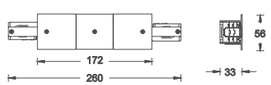
Example :WEDL-RT-2-WT
Flanged live end connector left. To start a run.



WEDR-RT

Model	Finish			Weight
	BK	PT	WT	
WEDR-RT-2	•	•	•	0.28kg

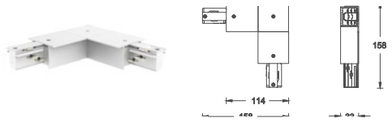
Example :WEDR-RT-2-WT
Flanged live end connector right. To start a run.



WIC-RT

Model	Finish			Weight
	BK	PT	WT	
WIC-RT-2	•	•	•	0.47kg

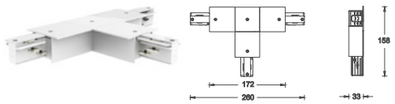
Example :WIC-RT-2-WT
Flanged "I" connector.Power entry point at the connection of two tracks. To connect two track sections end-to-end to keep a straight line. Power feedable.



WLLC-RT

Model	Finish			Weight
	BK	PT	WT	
WLLC-RT-2	•	•	•	0.49kg

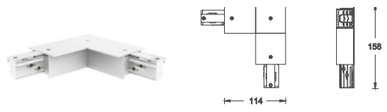
Example :WLLTC-RT-2-WT
Flanged "L" connector left: To connect two track sections at 90° for a left turn. Power feedable.



WLTC-RT

Model	Finish			Weight
	BK	PT	WT	
WLTC-RT-2	•	•	•	0.70kg

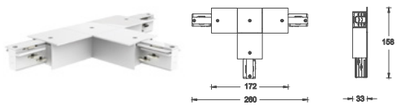
Example :WLTC-RT-2-WT
Flanged "T" connector left. To join three track sections all at 90º. Power feedable.



WRLC-RT

Model	Finish			Weight
	BK	PT	WT	
WRLC-RT-2	•	•	•	0.49kg

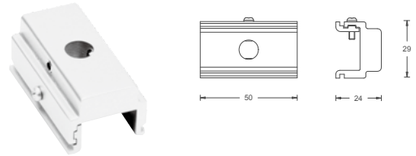
Example : WRLC-RT-2-WT
Flanged "L" connector right. To connect two track sections at 90° angle for a right turn. Power feedable.



WRTC-RT

Model	Finish			Weight
	BK	PT	WT	
WRTC-RT-2	•	•	•	0.70kg

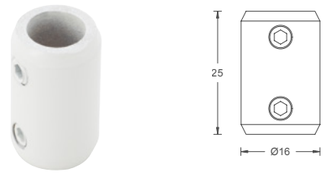
Example : WRTC-RT-2-WT
Flanged "T" connector right. To join three track sections all at 90º. Power feedable.



WMT

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

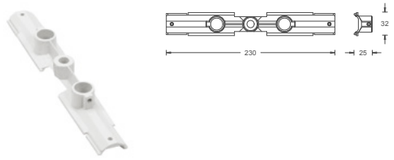
Example : WMT-WT-C
Connects suspension to track without power feed. Use with: WMT-X, WMT-XS, WMT-TB, WMST-X, WMST-XS and WMST-TB.



WMXI

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

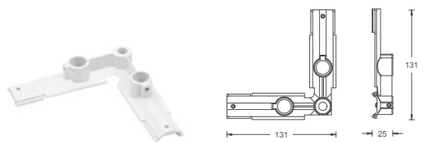
Example : WMXI-WT-C
Use for joining two lengths of rod to form a longer drop.



WMIC

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

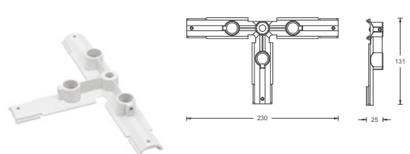
Example : WMIC-WT-C
"I" connector suspension: Use for suspension mounting with I connector.



WMLC

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

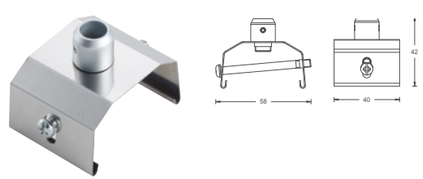
Example : WMLC-WT-C
"L" connector suspension: Use for suspension mounting with L connector.



WMTC

Model	Finish			Weight
	BK	PT	WT	
WMTC	•	•	•	0.12kg

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

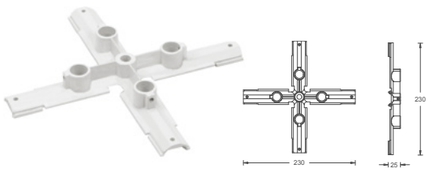


WMT-RT

Model	Finish	Weight
	PT	
WMT-RT	•	0.04kg

Example :WMT-RT-PT-C

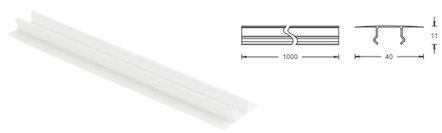
Connects suspension to recessed track without power feed. Use with: WMT-X, WMT-XS, WMT-TB, WMST-X, WMST-XS and WMST-TB.



WMXC

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

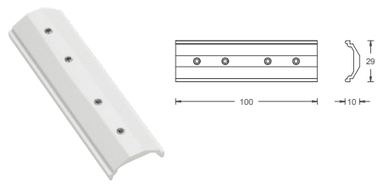
Example : WMXC-WT-C
"X" connector suspension: Use for suspension mounting with "X" connector.



WCC-RTL

Model	Weight
WCC-RTL-CL	0.05kg

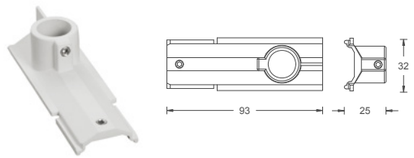
3-circuit recessed track closure cover.



WMPC

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

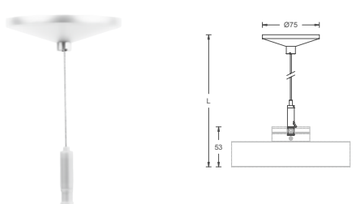
Example : WMPC-WT-C
Straight coupler: Used for suspension mounting with "I" power connector.



WMED

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

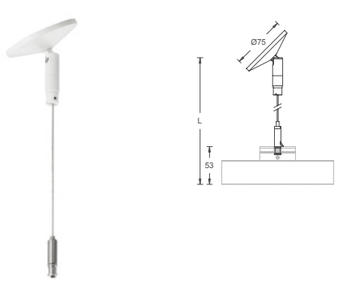
Example : WMED-WT-C
Live end suspension: Use for suspension mounting with live end connector.



WMST-X

Model	Finish			Weight	Length (mm)
	BK	PT	WT		
WMST-X48	•	•	•	0.12kg	1286mm
WMST-X96	•	•	•	0.13kg	2466mm

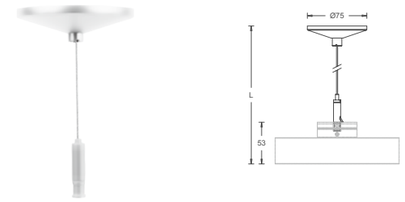
Example : WMST-X48-WT-C
Suspension cable kit: Use to extend track from the ceiling. Field adjustable.



WMST-XS

Model	Finish			Weight	Length (mm)
	BK	PT	WT		
WMST-XS48	•	•	•	0.16kg	1313mm
WMST-XS96	•	•	•	0.17kg	2493mm

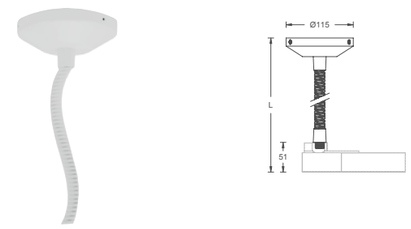
Example :WMST-XS48-WT-C
Sloped ceiling cable: Use to extend track from a sloped ceiling. Field adjustable.



WMST-TB

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

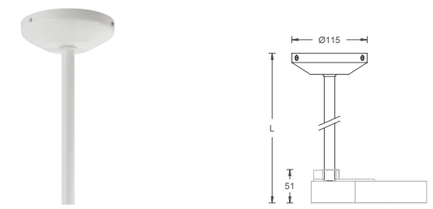
Example :WMST-TB48-WT-C
Includes T-Bar clip to extend track from drop ceilings. Field adjustable.



WMFP

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

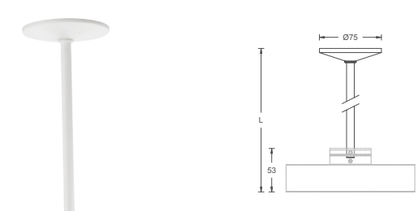
Example :WMFP-48-WT-C
Flexible power feed to connect with a Live End or any Joiner/Feeder.
Recommended for use with Cable Suspensions. Field cuttable.



WMSP

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

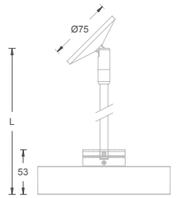
Example :WMSP-6-WT-C
Power feed to connect with a Live End or any Joiner/Feeder. Field cuttable.



WMT-X

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

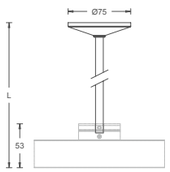
Example :WMT-X6-WT-C
Pendant stem kit. Used to extend track from the ceiling. Field cuttable.



WMT-XS

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

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



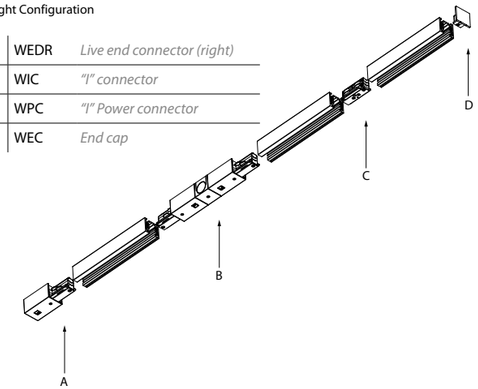
WMT-TB

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

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

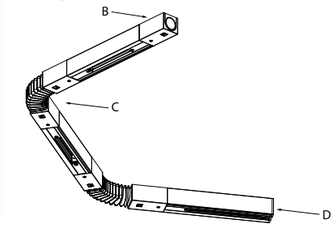
Straight Configuration

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

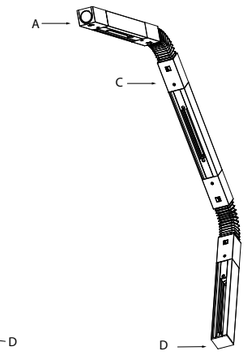


Flexible Configurations

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



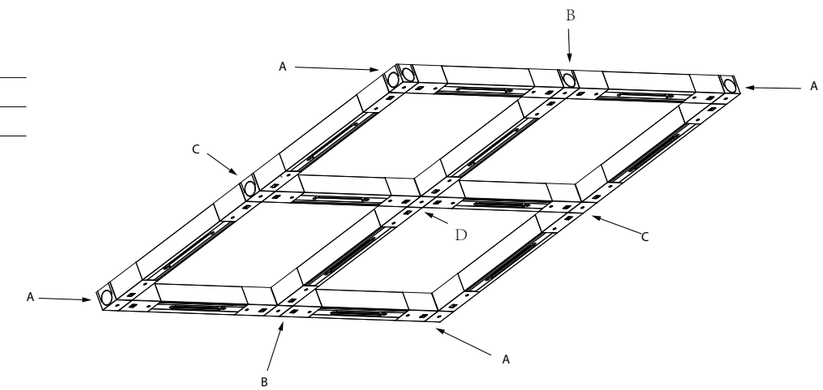
horizontal Ceiling Mount



Vertical Wall-to-Ceiling Mount

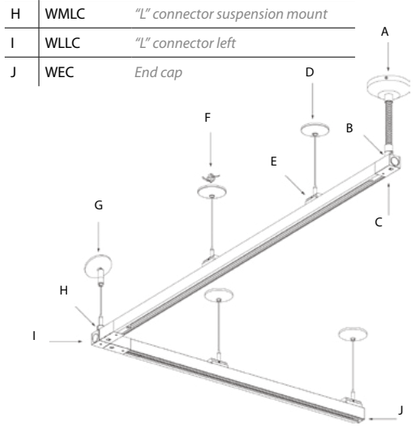
Grid Configuration

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



Cable Suspension Mount

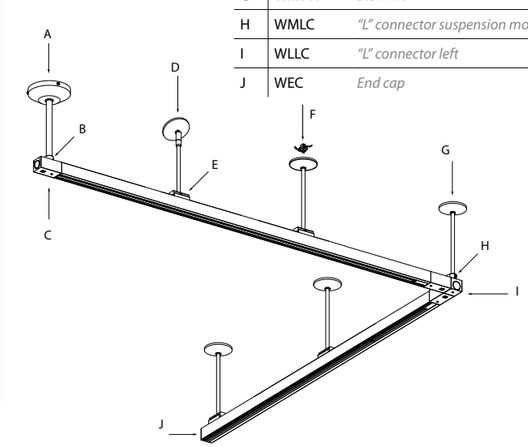
A	WMFP	*Flexible Stem kit with power feed*
B	WMED	*Live end suspension mount*
C	WEDL	*Live end connector (left)*
D	WMST-X	*Cable suspension kit*
E	WMT	*Suspension hanger clip*
F	WMST-TB	*"T" bar cable suspension kit*
G	WMST-XS	*Sloped ceiling cable kit*
H	WMLC	*"L" connector suspension mount*
I	WLLC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



Use one support for every 1 meter

Stem Suspension Mount

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



J-TRACK LUMINAIRES & TRACK SYSTEM

SILO 190

SILO PRO 191
SILO FOCUS 197
SILO PRO WALL WASHER 201

J-TRACK SYSTEM 205

Ninghai Tongyanfang Art Museum
Ningbo, Zhejiang Province

SILO PRO

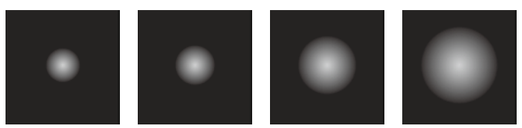
JL15H JL16H JL17H

Specifications

IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable

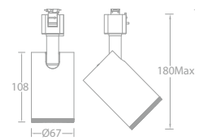
- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  JL15H 3000K :800lm 6W / 1330lm 12W
  JL16H 3000K :2120lm 18W /2830lm 26W
  JL17H 3000K :3530lm 34W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



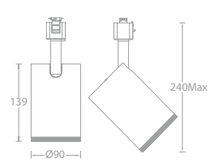
1 *13°* **2** *24°* **3** *36°* **5** *55°*

Product Parameters



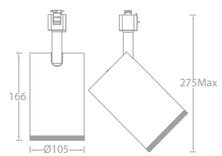
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL15H	**LM06** *COB 6W* **LM12** *COB 12W*	*5986cd (@6W 3000K 13°)* *4564cd (@6W 3000K 24°)* *1321cd (@6W 3000K 35°)* *476cd (@6W 3000K 55°)* *9466cd (@12W 3000K 13°)* *7216cd (@12W 3000K 24°)* *2089cd (@12W 3000K 35°)* *753cd (@12W 3000K 55°)*	**O** *On-board*	**1** *13°* **2** *24°* **3** *36°* **5** *55°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : JL15HLM12-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL16H	**LM18** *COB 18W* **LM26** *COB 26W*	*17728cd(@18W 3000K 13°)* *9782cd(@18W 3000K 24°)* *4945cd (@18W 3000K 35°)* *1778cd (@18W 3000K 55°)* *23504cd (@26W 3000K 13°)* *12969cd (@26W 3000K 24°)* *6557cd (@26W 3000K 35°)* *2357cd (@26W 3000K 55°)*	**O** *On-board*	**1** *13°* **2** *24°* **3** *36°* **5** *55°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

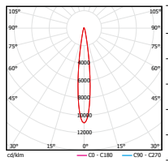
Example : JL16HLM18-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL17H	**LM34** *COB 34W*	*33432cd (@34W 3000K 13°)* *13443cd (@34W 3000K 24°)* *6154cd(@34W 3000K 35°)* *3104cd(@34W 3000K 55°)*	**O** *On-board*	**1** *13°* **2** *24°* **3** *36°* **5** *55°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : JL17HLM34-O-2930WT

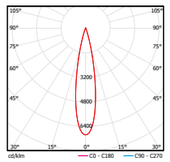
JL15H



JL15HLM06-O-1930

0º Aiming Angle

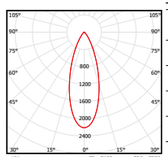
D(M)	LUX	W	L
1	5986	0.25	0.25
2	1497	0.50	0.50
3	665	0.75	0.75
4	374	1.00	1.00



JL15HLM06-O-2930

0º Aiming Angle

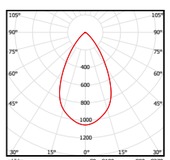
D(M)	LUX	W	L
1	4564	0.36	0.36
2	1141	0.72	0.72
3	507	1.08	1.08
4	285	1.44	1.44



JL15HLM06-O-3930

0º Aiming Angle

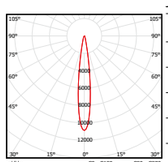
D(M)	LUX	W	L
1	1321	0.63	0.63
2	330	1.26	1.26
3	147	1.89	1.89
4	83	2.52	2.52



JL15HLM06-O-5930

0º Aiming Angle

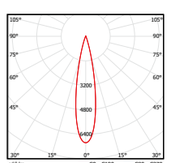
D(M)	LUX	W	L
1	476	1.10	1.10
2	119	2.20	2.20
3	53	3.30	3.30
4	30	4.40	4.40



JL15HLM12-O-1930

0º Aiming Angle

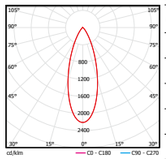
D(M)	LUX	W	L
1	9466	0.25	0.25
2	2367	0.50	0.50
3	1052	0.75	0.75
4	592	1.00	1.00



JL15HLM12-O-2930

0º Aiming Angle

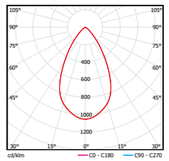
D(M)	LUX	W	L
1	7216	0.36	0.36
2	1804	0.72	0.72
3	802	1.08	1.08
4	451	1.44	1.44



JL15HLM12-O-3930

0º Aiming Angle

D(M)	LUX	W	L
1	2089	0.63	0.63
2	522	1.26	1.26
3	232	1.89	1.89
4	131	2.52	2.52

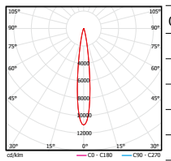


JL15HLM12-O-5930

0º Aiming Angle

D(M)	LUX	W	L
1	753	1.10	1.10
2	188	2.20	2.20
3	84	3.30	3.30
4	47	4.40	4.40

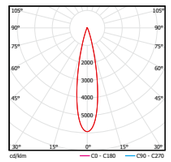
JL16H



JL16HLM18-O-1930

0º Aiming Angle

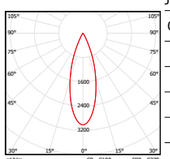
D(M)	LUX	W	L
1	17728	0.25	0.25
2	4432	0.50	0.50
3	1970	0.75	0.75
4	1108	1.00	1.00



JL16HLM18-O-2930

0º Aiming Angle

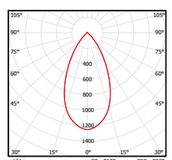
D(M)	LUX	W	L
1	9782	0.39	0.39
2	2446	0.78	0.78
3	1087	1.17	1.17
4	611	1.56	1.56



JL16HLM18-O-3930

0º Aiming Angle

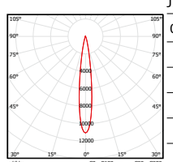
D(M)	LUX	W	L
1	4945	0.57	0.57
2	1236	1.14	1.14
3	549	1.71	1.71
4	309	2.28	2.28



JL16HLM18-O-5930

0º Aiming Angle

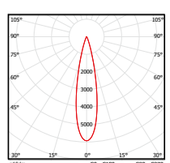
D(M)	LUX	W	L
1	1777	0.98	0.98
2	444	1.96	1.96
3	197	2.94	2.94
4	111	3.92	3.92



JL16HLM26-O-1930

0º Aiming Angle

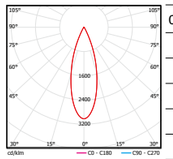
D(M)	LUX	W	L
1	23504	0.25	0.25
2	5876	0.50	0.50
3	2612	0.75	0.75
4	1469	1.00	1.00



JL16HLM26-O-2930

0º Aiming Angle

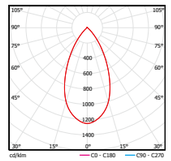
D(M)	LUX	W	L
1	12969	0.39	0.39
2	3242	0.78	0.78
3	1441	1.17	1.17
4	811	1.56	1.56



TL16HLM26-O-3930

0º Aiming Angle

D(M)	LUX	W	L
1	6557	0.57	0.57
2	1639	1.14	1.14
3	729	1.71	1.71
4	410	2.28	2.28



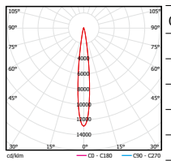
TL16HLM26-O-5930

0º Aiming Angle

D(M)	LUX	W	L
1	2357	0.98	0.98
2	589	1.96	1.96
3	262	2.94	2.94
4	147	3.92	3.92

Light Distribution

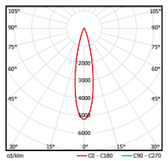
JL17H



JL17HLM34-O-1930

0º Aiming Angle

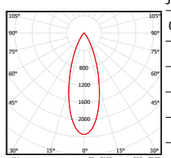
D(M)	LUX	W	L
1	33432	0.23	0.23
2	8358	0.46	0.46
3	3715	0.69	0.69
4	2090	0.92	0.92



JL17HLM34-O-2930

0º Aiming Angle

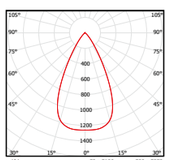
D(M)	LUX	W	L
1	13443	0.39	0.39
2	3361	0.78	0.78
3	1494	1.17	1.17
4	840	1.56	1.56



JL17HLM34-O-3930

0º Aiming Angle

D(M)	LUX	W	L
1	6154	0.61	0.61
2	1539	1.22	1.22
3	684	1.83	1.83
4	385	2.44	2.44



JL17HLM34-O-5930

0º Aiming Angle

D(M)	LUX	W	L
1	3104	1.00	1.00
2	776	2.00	2.00
3	345	3.00	3.00
4	194	4.00	4.00

Accessories

LENSES/FILTERS

MODEL	Beam Refractor Small (CLASS I)	Beam Refractor Flooc (CLASS I)	BEAM ELONGATOR (CLASS I)	WALLWASHER BEAM LENS (CLASS I)
JL15H	LENS-TL15H-MIX	LENS-TL15H-FIX	LENS-TL15H-WOF	LENS-TL15H-WW
JL16H	LENS-TL16H-MIX	LENS-TL16H-FIX	LENS-TL16H-WOF	LENS-TL16H-WW
JL17H	LENS-TL17H-MIX	LENS-TL17H-FIX	LENS-TL17H-WOF	LENS-TL17H-WW

OPTICAL ACCESSORIES

MODEL	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)	SNOOT (CLASSIII)
JL15H	LENS-16-HCM	TL-21-BD-SW	LENS-TL15H-SNOOT-B LENS-TL15H-SNOOT-W
JL16H	LENS-73-HCM	LENS-73-BD	LENS-TL16H-SNOOT-B LENS-TL16H-SNOOT-W
JL17H	LENS-25-HCL	TL-22-BD-SW	LENS-TL17H-SNOOT-B LENS-TL17H-SNOOT-W

Note：1. Up to 3 Accessories, only one piece allowed for each CLASS
2. All must be ordered separately.

SILO FOCUS

JL15F JL16F JL17F

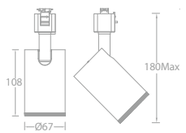
Specifications

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coatAdjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  JL15F 3000K :670lm 6W / 1200lm 12W
  JL16F 3000K :1700lm 18W /2500lm 26W
  JL17F 3000K :3600lm 34W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics

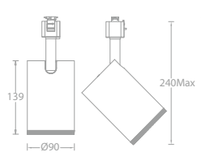
F *12°-50°*

Product Parameters



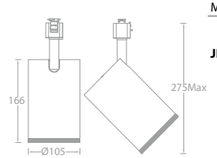
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL15F	**LM06** *COB 6W* **LM12** *COB 12W*	*2395cd (@6W 3000K 12°)* *424cd (@6W 3000K 50°)* *3187cd (@12W 3000K 12°)* *616cd (@12W 3000K 50°)*	**O** *On-board*	**F** *12°-50°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : JL15FLM12-O-F930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL16F	**LM18** *COB 18W* **LM26** *COB 26W*	*4670cd (@18W 3000K 12°)* *689cd (@18W 3000K 50°)* *5859cd (@26W 3000K 12°)* *952cd (@26W 3000K 50°)*	**O** *On-board*	**F** *12°-50°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : JL16FLM18-O-F930WT

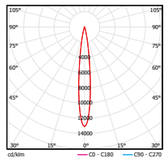


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL17F	**LM34** *COB 34W*	*6780cd (@34W 3000K 12°)* *1205cd (@34W 3000K 50°)*	**O** *On-board*	**F** *12°-50°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : JL17FLM34-O-F930WT

Light Distribution

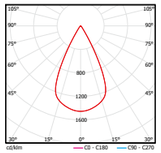
JL15F



JL15FLM06-O-F930(MIN)

0º AIMING ANGLE

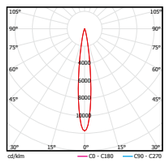
D(M)	LUX	W	L
1	2395	0.23	0.23
2	599	0.46	0.46
3	266	0.69	0.69
4	150	0.92	0.92



JL15FLM06-O-F930(MAX)

0º Aiming Angle

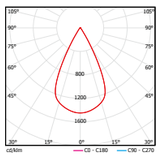
D(M)	LUX	W	L
1	424	0.99	0.99
2	106	1.98	1.98
3	47	2.97	2.97
4	27	3.96	3.96



JL15FLM12-O-F930(Min)

0º AIMING ANGLE

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

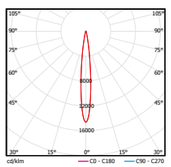


JL15FLM12-O-F930(Max)

0º Aiming Angle

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

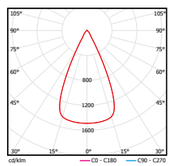
JL16F



JL16FLM18-O-F930(MIN)

0º AIMING ANGLE

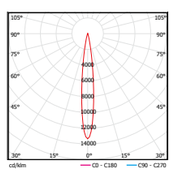
D(M)	LUX	W	L
1	4670	0.21	0.21
2	1168	0.42	0.42
3	519	0.63	0.63
4	292	0.84	0.84



JL16FLM18-O-F930(MAX)

0º Aiming Angle

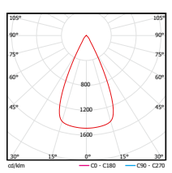
D(M)	LUX	W	L
1	689	0.93	0.93
2	172	1.86	1.86
3	77	2.79	2.79
4	43	3.72	3.72



JL16FLM26-O-F930(Min)

0º AIMING ANGLE

D(M)	LUX	W	L
1	5859	0.22	0.22
2	1465	0.44	0.44
3	651	0.66	0.66
4	366	0.88	0.88

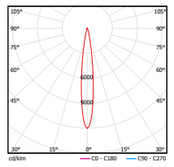


JL16FLM26-O-F930(Max)

0º Aiming Angle

D(M)	LUX	W	L
1	952	0.93	0.93
2	238	1.86	1.86
3	106	2.79	2.79
4	60	3.72	3.72

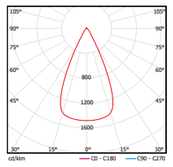
JL17F



JL17FLM34-O-F930(Min)

0º AIMING ANGLE

D(M)	LUX	W	L
1	6780	0.23	0.23
2	1695	0.46	0.46
3	753	0.69	0.69
4	424	0.92	0.92



JL17FLM34-O-F930(Max)

0º Aiming Angle

D(M)	LUX	W	L
1	1205	0.93	0.93
2	301	1.86	1.86
3	134	2.79	2.79
4	75	3.72	3.72

Accessories

LENSES/FILTERS

MODEL	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
JL15F	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
JL16F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C
JL17F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C

OPTICAL ACCESSORIES

MODEL	SNOOT (CLASS II)	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)
JL15F	LENS-15-SNOOT	/	TL-21-BD-SW
JL16F	LENS-20-SNOOT	LENS-20-HCL	LENS-73-BD
JL17F	LENS-20-SNOOT	LENS-20-HCL	TL-22-BD-SW

Note：1. Up to 3 Accessories, only one piece allowed for each CLASS
2. All must be ordered separately.

SILO PRO WALL WASHER

JL15W JL16W JL17W

Specifications

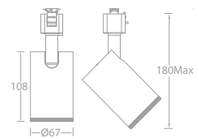
IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  TL15W 3000K :800lm 6W / 1330lm 12W
  TL16W 3000K :2120lm 18W /2830lm 26W
  TL17W 3000K :3530lm 34W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics

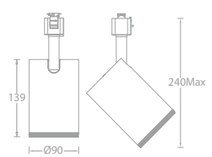
W *Wall Washer*

Product Parameters



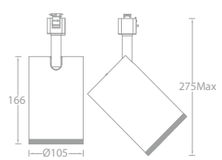
Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
JL15W	**LM06** *COB 6W* **LM12** *COB 12W*	*519lm(@6W 3000K)* *822lm(@12W 3000K)*	**O** *On-board*	**W** *Wall Washer*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : JL15WLM12-O-W930WT



Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
JL16W	**LM18** *COB 18W* **LM26** *COB 26W*	*1555lm(@18W 3000K)* *2061lm(@26W 3000K)*	**O** *On-board*	**W** *Wall Washer*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : JL16WLM18-O-W930WT

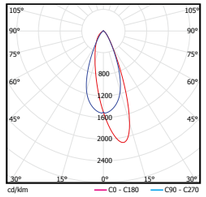


Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
JL17W	**LM34** *COB 34W*	*2464lm(@34W 3000K)*	**O** *On-board*	**W** *Wall Washer*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : JL17WLM34-O-W930WT

Light Distribution

JL15WLM12-O-W930WT

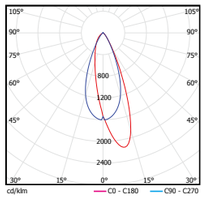


Specifications:

Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 25°
Offset from wall (m): 1.0
Luminaire spacing (m): 1.2

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	93	90	93	89	93
2.30	149	167	149	167	148
1.90	162	191	162	191	162
1.50	159	180	159	180	158
1.10	142	156	143	156	142
0.70	117	126	118	126	117
0.30	96	101	97	101	96

JL16WLM26-O-W930WT

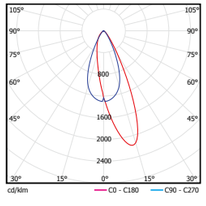


Specifications:

Number of luminaires: n > 5
Wall height (m): 3.6
Angle of tilt: 25°
Offset from wall (m): 1.2
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
3.40	81	78	83	79	82
3.00	199	195	199	194	199
2.60	243	278	244	278	243
2.20	255	301	256	301	255
1.80	256	289	256	289	255
1.40	237	266	239	266	237
1.00	210	234	212	234	210
0.60	180	198	181	198	180
0.20	155	163	157	164	155

JL17WLM34-O-W930WT



Specifications:

Number of luminaires: n > 5
Wall height (m): 4.8
Angle of tilt: 25°
Offset from wall (m): 1.5
Luminaire spacing (m): 1.8

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.50	43	49	43	49	42
3.90	101	118	101	118	100
3.30	127	160	128	160	127
2.70	138	168	139	168	138
2.10	141	161	142	161	141
1.50	135	147	136	147	134
0.90	123	131	125	131	123
0.30	108	113	109	113	107

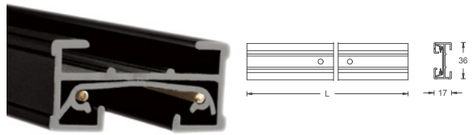
Accessories

OPTICAL ACCESSORIES

MODEL	BARN DOOR
JL15W	TL-21-BD-SW
JL16W	LENS-73-BD
JL17W	TL-22-BD-SW

Note: All must be ordered separately.

J TRACK SYSTEM

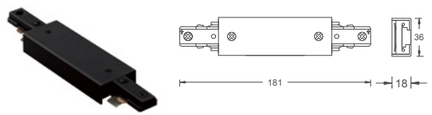


J SYSTEM TRACK

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

EXAMPLE JT1M-WT-C

Includes two end caps.

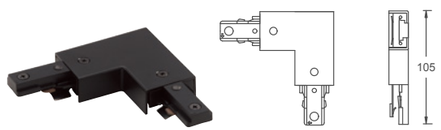


"I" STRAIGHT LINE POWER CONNECTOR

Model	Finish			Weight
	BK	PT	WT	
JI-PWR	•	•	•	0.12kg

EXAMPLE JI-PWR-WT-C

Power entry point at the connection of two tracks.

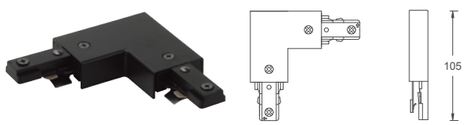


"L" CONNECTOR (LEFT)

Model	Finish			Weight
	BK	PT	WT	
JL-LEFT	•	•	•	0.09kg

EXAMPLE JL-LEFT-BK-C

Use to join two track sections to make a power feedable 90° – left-hand polarity.

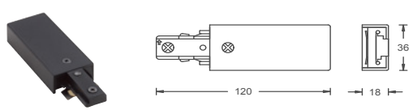


"L" CONNECTOR (RIGHT)

Model	Finish			Weight
	BK	PT	WT	
JL-RIGHT	•	•	•	0.09kg

EXAMPLE JL-RIGHT-BK-C

Used to join two track sections to make a power feedable 90° – right-hand polarity.

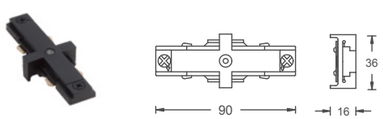


LIVE END CONNECTOR

Model	Finish			Weight
	BK	PT	WT	
JLE	•	•	•	0.06kg

EXAMPLE JLE-BK-C

Use for direct wiring from conduit through the ceiling.

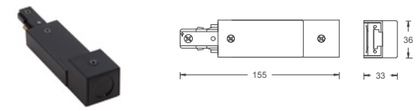


"I" CONNECTOR

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

EXAMPLE JI-BK-C

Straight line connector used to join two sections of track with electrical continuity.

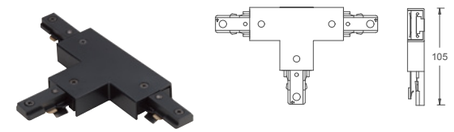


BX CONNECTOR

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

EXAMPLE JBXLE-BK-C

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

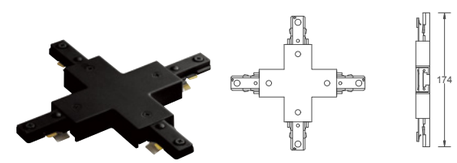


"T" CONNECTOR

Model	Finish			Weight
	BK	PT	WT	
JT	•	•	•	0.14kg

EXAMPLE JT-BK-C

Use to join three track sections to make a "T" configuration.

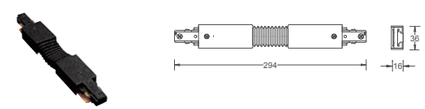


"X" CONNECTOR

Model	Finish			Weight
	BK	PT	WT	
JX	•	•	•	0.18kg

EXAMPLE JX-WT-C

Used to join four track sections to make an "X" configuration.

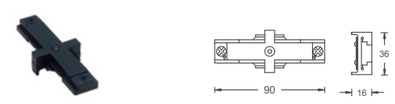


FLEXIBLE TRACK CONNECTOR

Model	Finish			Weight
	BK	PT	WT	
JFLX	•	•	•	0.16kg

EXAMPLE JFLX-WT-C

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

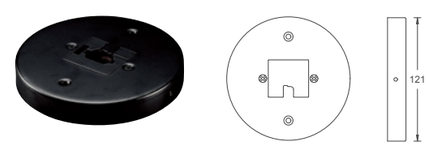


"I" DEAD END STRAIGHT LINE CONNECTOR

Model	Finish			Weight
	BK	PT	WT	
JI-DEC	•	•	•	0.02kg

EXAMPLE JI-DEC-BK-C

Straight line connector used to join two sections of track without electrical continuity.



MONOPOINT CANOPY ADAPTER

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

EXAMPLE JMP-PT-C

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

SURFACE MOUNT LUMINAIRES

SWALLOW PRO 210

SWALLOW PRO 211

SILO 216

SILO PRO 217
SILO FOCUS 223
SILO PRO WALLWASHER 227

Guangzhou Museum of Art
Guangzhou, Guangdong Province

SWALLOW PRO

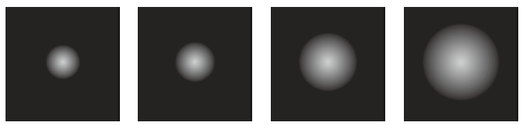
ME21H

ME22H

Specifications

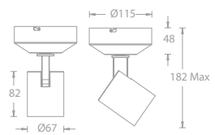
- Body Material: Die-cast aluminum
- Optical System: Clear Lens included
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  ME21H 3000K :650lm 6W / 1250lm 12W
  ME22H 3000K :1970lm 18W /2880lm 28W / 3520lm 38W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 1.1Kg / 2.0Kg

Product Features/Optics



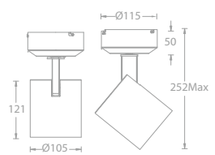
1 *12°* **2** *24°* **3** *36°* **5** *55°*

Product Parameters



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME21H	**LM06** *6W* **LM12** *12W*	*8896cd(12W @3000K 12°)* *5963cd(12W @3000K 24°)* *2546cd(12W @3000K 36°)* *1200cd(12W @3000K 55°)*	**E** *ON-OFF* **D** *0-10V Dimming*	**1** *12°* **2** *24°* **3** *36°* **5** *55°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black* **WT** *White*

Example : ME21HLM06-E-2930WT

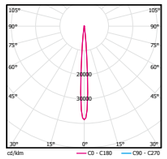


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME22H	**LM18** *18W* **LM28** *28W* **LM38** *38W*	*17696cd(18W @3000K 12°)* *6491cd(18W @3000K 24°)* *2999cd(18W @3000K 36°)* *1536cd(18W @3000K 50°)* *25010cd(28W @3000K 12°)* *10525cd(28W @3000K 24°)* *4691cd(28W @3000K 36°)* *2541cd(28W @3000K 50°)* *34012cd(38W @3000K 12°)* *13670cd(38W @3000K 24°)* *6281cd(38W @3000K 36°)* *3397cd(38W @3000K 50°)*	**E** *ON-OFF* **D** *0-10V Dimming*	**1** *12°* **2** *24°* **3** *36°* **5** *50°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black* **WT** *White*

Example : ME22HLM28-E-2930WT

Light Distribution

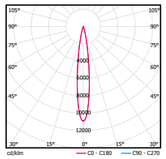
ME21H



ME21HLM06-E-1930

0º AIMING ANGLE

D(M)	LUX	W	L
1	30686	0.10	0.10
2	7672	0.20	0.20
3	3410	0.29	0.29
4	1918	0.39	0.39

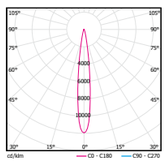


ME21HLM12-E-1930

0º Aiming Angle

D(M)	LUX	W	L
1	8896	0.25	0.25
2	2224	0.50	0.50
3	988	0.78	0.78
4	556	1.03	1.03

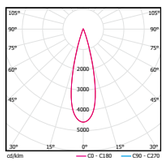
ME22H



ME22HLM18-E-1930

0º AIMING ANGLE

D(M)	LUX	W	L
1	8896	0.25	0.25
2	2224	0.50	0.50
3	988	0.62	0.62
4	556	0.87	0.87



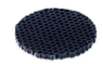
ME22HLM18-E-2930

0º Aiming Angle

D(M)	LUX	W	L
1	13670	0.47	0.47
2	3418	0.95	0.95
3	1519	1.4	1.4
4	855	1.87	1.87

Accessories

LENSES/FILTERS

Model	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
				
ME21H	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
ME22H	LENS-25-BEL-SW	LENS-25-BSL	LENS-25-FR-SW	LENS-25-LCM-SW

OPTICAL ACCESSORIES

Model	BARN DOOR (CLASS II)	SNOOT (CLASS II)	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)
ME21H	LENS-16-CRL	LENS-16-SNOOT	LENS-16-HCM	TL-21-BD-SW
ME22H	LENS-25P-CRL-BK	LENS-25-SNOOT-SW	LENS-25-HCL	TL-22-BD-SW

Note：1. Up to 3 Accessories, only one piece allowed for each CLASS
2. All must be ordered separately.

NEW BUND 31 Performing Arts Center
Shanghai, China

WAOLIGHTING.COM.CN

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SILO PRO

ME15H

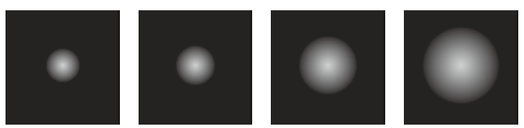
ME16H

ME17H

Specifications

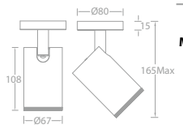
- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  ME15H 3000K :800lm 6W / 1330lm 12W
  ME16H 3000K :2120lm 18W /2830lm 26W
  ME17H 3000K :3530lm 34W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



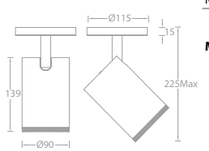
1 *13°* **2** *24°* **3** *36°* **5** *55°*

Product Parameters



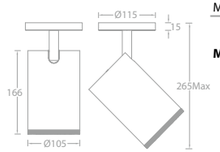
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME15H	**LM06** *COB 6W* **LM12** *COB 12W*	*5986cd (@6W 3000K 13°)* *4564cd (@6W 3000K 24°)* *1321cd (@6W 3000K 35°)* *476cd (@6W 3000K 55°)* *9466cd (@12W 3000K 13°)* *7216cd (@12W 3000K 24°)* *2089cd (@12W 3000K 35°)* *753cd (@12W 3000K 55°)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**1** *13°* **2** *24°* **3** *36°* **5** *55°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : ME15HLM12-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME16H	**LM18** *COB 18W* **LM26** *COB 26W*	*17728cd(@18W 3000K 13°)* *9782cd(@18W 3000K 24°)* *4945cd (@18W 3000K 35°)* *1778cd (@18W 3000K 55°)* *23504cd (@26W 3000K 13°)* *12969cd (@26W 3000K 24°)* *6557cd (@26W 3000K 35°)* *2357cd (@26W 3000K 55°)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**1** *13°* **2** *24°* **3** *36°* **5** *55°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

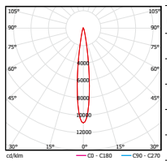
Example : ME16HLM18-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME17H	**LM34** *COB 34W*	*33432cd (@34W 3000K 13°)* *13443cd (@34W 3000K 24°)* *6154cd(@34W 3000K 35°)* *3104cd(@34W 3000K 55°)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**1** *13°* **2** *24°* **3** *36°* **5** *55°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : ME17HLM34-O-2930WT

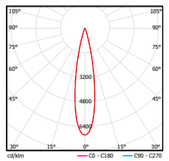
ME15H



ME15HLM06-O-1930

0º Aiming Angle

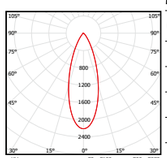
D(M)	LUX	W	L
1	5986	0.25	0.25
2	1497	0.50	0.50
3	665	0.75	0.75
4	374	1.00	1.00



ME15HLM06-O-2930

0º Aiming Angle

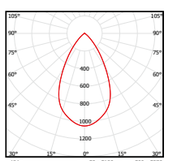
D(M)	LUX	W	L
1	4564	0.36	0.36
2	1141	0.72	0.72
3	507	1.08	1.08
4	285	1.44	1.44



ME15HLM06-O-3930

0º Aiming Angle

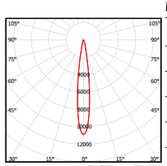
D(M)	LUX	W	L
1	1321	0.63	0.63
2	330	1.26	1.26
3	147	1.89	1.89
4	83	2.52	2.52



ME15HLM06-O-5930

0º Aiming Angle

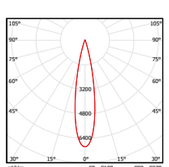
D(M)	LUX	W	L
1	476	1.10	1.10
2	119	2.20	2.20
3	53	3.30	3.30
4	30	4.40	4.40



ME15HLM12-O-1930

0º Aiming Angle

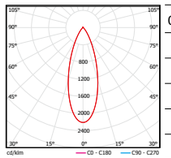
D(M)	LUX	W	L
1	9466	0.25	0.25
2	2367	0.50	0.50
3	1052	0.75	0.75
4	592	1.00	1.00



ME15HLM12-O-2930

0º Aiming Angle

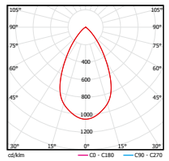
D(M)	LUX	W	L
1	7216	0.36	0.36
2	1804	0.72	0.72
3	802	1.08	1.08
4	451	1.44	1.44



ME15HLM12-O-3930

0º Aiming Angle

D(M)	LUX	W	L
1	2089	0.63	0.63
2	522	1.26	1.26
3	232	1.89	1.89
4	131	2.52	2.52

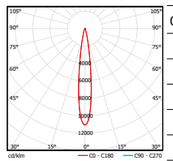


ME15HLM12-O-5930

0º Aiming Angle

D(M)	LUX	W	L
1	753	1.10	1.10
2	188	2.20	2.20
3	84	3.30	3.30
4	47	4.40	4.40

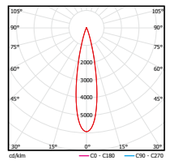
ME16H



ME16HLM18-O-1930

0º Aiming Angle

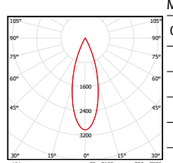
D(M)	LUX	W	L
1	17728	0.25	0.25
2	4432	0.50	0.50
3	1970	0.75	0.75
4	1108	1.00	1.00



ME16HLM18-O-2930

0º Aiming Angle

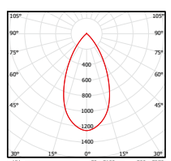
D(M)	LUX	W	L
1	9782	0.39	0.39
2	2446	0.78	0.78
3	1087	1.17	1.17
4	611	1.56	1.56



ME16HLM18-O-3930

0º Aiming Angle

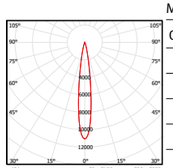
D(M)	LUX	W	L
1	4945	0.57	0.57
2	1236	1.14	1.14
3	549	1.71	1.71
4	309	2.28	2.28



ME16HLM18-O-5930

0º Aiming Angle

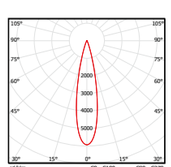
D(M)	LUX	W	L
1	1777	0.98	0.98
2	444	1.96	1.96
3	197	2.94	2.94
4	111	3.92	3.92



ME16HLM26-O-1930

0º Aiming Angle

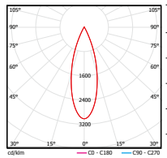
D(M)	LUX	W	L
1	23504	0.25	0.25
2	5876	0.50	0.50
3	2612	0.75	0.75
4	1469	1.00	1.00



ME16HLM26-O-2930

0º Aiming Angle

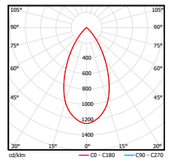
D(M)	LUX	W	L
1	12969	0.39	0.39
2	3242	0.78	0.78
3	1441	1.17	1.17
4	811	1.56	1.56



ME16HLM26-O-3930

0º Aiming Angle

D(M)	LUX	W	L
1	6557	0.57	0.57
2	1639	1.14	1.14
3	729	1.71	1.71
4	410	2.28	2.28



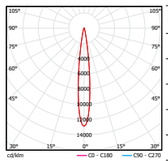
ME16HLM26-O-5930

0º Aiming Angle

D(M)	LUX	W	L
1	2357	0.98	0.98
2	589	1.96	1.96
3	262	2.94	2.94
4	147	3.92	3.92

Light Distribution

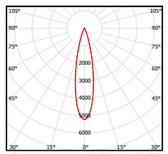
ME17H



ME17HLM34-O-1930

0º Aiming Angle

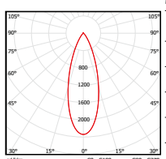
D(M)	LUX	W	L
1	33432	0.23	0.23
2	8358	0.46	0.46
3	3715	0.69	0.69
4	2090	0.92	0.92



ME17HLM34-O-2930

0º Aiming Angle

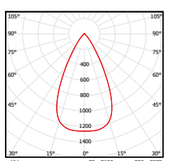
D(M)	LUX	W	L
1	13443	0.39	0.39
2	3361	0.78	0.78
3	1494	1.17	1.17
4	840	1.56	1.56



ME7HLM34-O-3930

0º Aiming Angle

D(M)	LUX	W	L
1	6154	0.61	0.61
2	1539	1.22	1.22
3	684	1.83	1.83
4	385	2.44	2.44



ME17HLM34-O-5930

0º Aiming Angle

D(M)	LUX	W	L
1	3104	1.00	1.00
2	776	2.00	2.00
3	345	3.00	3.00
4	194	4.00	4.00

Accessories

LENSES/FILTERS

MODEL	Beam Refractor Small (CLASS I)	Beam Refractor Flooc (CLASS I)	BEAM ELONGATOR (CLASS I)	WALLWASHER BEAM LENS (CLASS I)
ME15H	LENS-TL15H-MIX	LENS-TL15H-FIX	LENS-TL15H-WOF	LENS-TL15H-WW
ME16H	LENS-TL16H-MIX	LENS-TL16H-FIX	LENS-TL16H-WOF	LENS-TL16H-WW
ME17H	LENS-TL17H-MIX	LENS-TL17H-FIX	LENS-TL17H-WOF	LENS-TL17H-WW

OPTICAL ACCESSORIES

MODEL	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)	SNOOT (CLASSIII)
ME15H	LENS-16-HCM	TL-21-BD-SW	LENS-TL15H-SNOOT-B LENS-TL15H-SNOOT-W
ME16H	LENS-73-HCM	LENS-73-BD	LENS-TL16H-SNOOT-B LENS-TL16H-SNOOT-W
ME17H	LENS-25-HCL	TL-22-BD-SW	LENS-TL17H-SNOOT-B LENS-TL17H-SNOOT-W

Note：1. Up to 3 Accessories, only one piece allowed for each CLASS
2. All must be ordered separately.

SILO FOCUS

ME15F

ME16F

ME17F

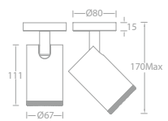
Specifications

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  ME15F 3000K :670lm 6W / 1200lm 12W
  ME16F 3000K :1700lm 18W /2500lm 26W
  ME17F 3000K :3600lm 34W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics

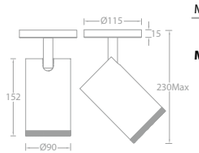
F *12°-50°*

Product Parameters



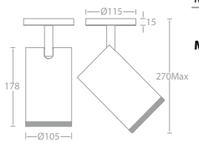
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME15F	**LM06** *6W* **LM12** *12W*	*2395cd (@6W 3000K Max)* *3187cd (@12W 3000K Max)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**F** *12°-50°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT**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

Example : ME15FLM06-O-F930WT



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

Example : ME16FLM18-O-F930WT

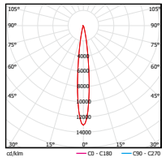


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME17F	**LM34** *34W*	*6780cd (@34W 3000K Max)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**F** *12°-50°*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : ME17FLM34-O-F930WT

Light Distribution

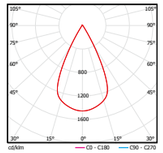
ME15F



ME15FLM06-O-F930(MIN)

0º AIMING ANGLE

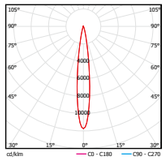
D(M)	LUX	W	L
1	2395	0.23	0.23
2	599	0.46	0.46
3	266	0.69	0.69
4	150	0.92	0.92



ME15FLM06-O-F930(MAX)

0º Aiming Angle

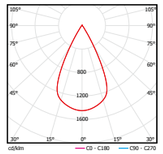
D(M)	LUX	W	L
1	424	0.99	0.99
2	106	1.98	1.98
3	47	2.97	2.97
4	27	3.96	3.96



ME15FLM12-O-F930(Min)

0º AIMING ANGLE

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

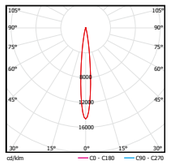


ME15FLM12-O-F930(Max)

0º Aiming Angle

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

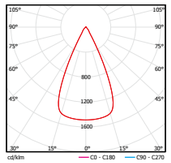
ME16F



ME16FLM18-O-F930(MIN)

0º AIMING ANGLE

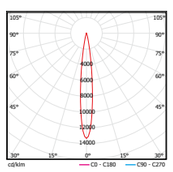
D(M)	LUX	W	L
1	4670	0.21	0.21
2	1168	0.42	0.42
3	519	0.63	0.63
4	292	0.84	0.84



ME16FLM18-O-F930(MAX)

0º Aiming Angle

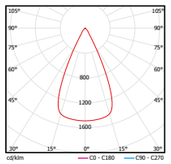
D(M)	LUX	W	L
1	689	0.93	0.93
2	172	1.86	1.86
3	77	2.79	2.79
4	43	3.72	3.72



ME16FLM26-O-F930(Min)

0º AIMING ANGLE

D(M)	LUX	W	L
1	5859	0.22	0.22
2	1465	0.44	0.44
3	651	0.66	0.66
4	366	0.88	0.88

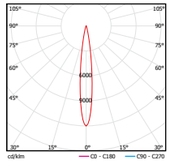


ME16FLM26-O-F930(Max)

0º Aiming Angle

D(M)	LUX	W	L
1	952	0.93	0.93
2	238	1.86	1.86
3	106	2.79	2.79
4	60	3.72	3.72

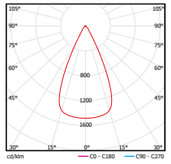
ME17F



ME17FLM34-O-F930(Min)

0º AIMING ANGLE

D(M)	LUX	W	L
1	6780	0.23	0.23
2	1695	0.46	0.46
3	753	0.69	0.69
4	424	0.92	0.92



ME17FLM34-O-F930(Max)

0º Aiming Angle

D(M)	LUX	W	L
1	1205	0.93	0.93
2	301	1.86	1.86
3	134	2.79	2.79
4	75	3.72	3.72

Accessories

LENSES/FILTERS

MODEL	BEAM ELONGATOR (CLASS I)	SOFT BEAM LENS (CLASS I)	FROSTED GLASS (CLASS I)	HONEYCOMB (CLASS I)
ME15F	LENS-16-BEL-C	LENS-16-BSL-SW	LENS-16-FR	LENS-16-HCL
ME16F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C
ME17F	LENS-73-BEL-C	LENS-73-BSL	LENS-73-FR	LENS-73-HCL-C

OPTICAL ACCESSORIES

MODEL	SNOOT (CLASS II)	HONEYCOMB (CLASS II)	BARN DOOR (CLASS III)
ME15F	LENS-15-SNOOT	/	TL-21-BD-SW
ME16F	LENS-20-SNOOT	LENS-20-HCL	LENS-73-BD
ME17F	LENS-20-SNOOT	LENS-20-HCL	TL-22-BD-SW

Note：1. Up to 3 Accessories, only one piece allowed for each CLASS
2. All must be ordered separately.

SILO PRO WALL WASHER

ME15W

ME16W

ME17W

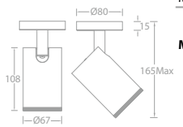
Specifications

- Body Material: Die-cast aluminum
- Optical System: Clear Lens included + Reflector
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-355° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Various Optical Accessories available, up to 3 pieces, one piece allowed per Class
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: COB
- LED Wattage, CCT, Lumen Output:
  ME15W 3000K :800lm 6W / 1330lm 12W
  ME16W 3000K :2120lm 18W /2830lm 26W
  ME17W 3000K :3530lm 34W
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics

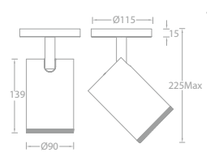
W *Wall Washer*

Product Parameters



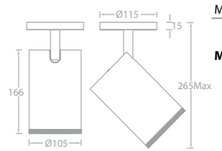
Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
ME15W	**LM06** *COB 6W* **LM12** *COB 12W*	*519lm(@6W 3000K)* *822lm(@12W 3000K)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**W** *Wall Washer*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : ME15WLM12-O-W930WT



Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
ME16W	**LM18** *COB 18W* **LM26** *COB 26W*	*1555lm(@18W 3000K)* *2061lm(@26W 3000K)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**W** *Wall Washer*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : ME16WLM18-O-W930WT

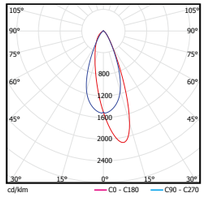


Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
ME17W	**LM34** *COB 34W*	*2464lm(@34W 3000K)*	**O** *On-board* **A** *DALI* **D** *0-10V Dimming*	**W** *Wall Washer*	**9** *90*	**27** *2700K* **30** *3000K* **40** *4000K* **50** *5000K*	**BK** *Black* **WT** *White*

Example : ME17WLM34-O-W930WT

Light Distribution

ME15WLM12-O-W930WT

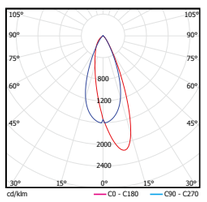


Specifications:

Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 25°
Offset from wall (m): 1.0
Luminaire spacing (m): 1.2

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	93	90	93	89	93
2.30	149	167	149	167	148
1.90	162	191	162	191	162
1.50	159	180	159	180	158
1.10	142	156	143	156	142
0.70	117	126	118	126	117
0.30	96	101	97	101	96

ME16WLM26-O-W930WT

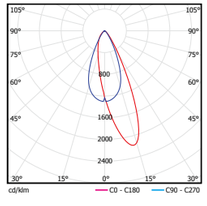


Specifications:

Number of luminaires: n > 5
Wall height (m): 3.6
Angle of tilt: 25°
Offset from wall (m): 1.2
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
3.40	81	78	83	79	82
3.00	199	195	199	194	199
2.60	243	278	244	278	243
2.20	255	301	256	301	255
1.80	256	289	256	289	255
1.40	237	266	239	266	237
1.00	210	234	212	234	210
0.60	180	198	181	198	180
0.20	155	163	157	164	155

ME17WLM34-O-W930WT



Specifications:

Number of luminaires: n > 5
Wall height (m): 4.8
Angle of tilt: 25°
Offset from wall (m): 1.5
Luminaire spacing (m): 1.8

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.50	43	49	43	49	42
3.90	101	118	101	118	100
3.30	127	160	128	160	127
2.70	138	168	139	168	138
2.10	141	161	142	161	141
1.50	135	147	136	147	134
0.90	123	131	125	131	123
0.30	108	113	109	113	107

Accessories

OPTICAL ACCESSORIES

MODEL	BARN DOOR
ME15W	TL-21-BD-SW
ME16W	LENS-73-BD
ME17W	TL-22-BD-SW

Note: All must be ordered separately.

SHOWCASE LUMINAIRES

LEDme® SHOWCASE LUMINAIRES 234

LEDme® II SHOWCASE LUMINAIRES 235
LEDme® SHOWCASE WALL WASHER 239
LEDme® BAR 243
LEDme® SHOWCASE LUMINAIRES SURFACE 245

OCULARC 248

OCULARC MINI TRACK 249
OCULARC FOCUS MINI TRACK 251
OCULARC PROJECTOR MINI TRACK 255
OCULARC WALL WASHER MINI TRACK 257
OCULARC CEILING MOUNTED 261
OCULARC FOCUS CEILING MOUNTED 263
OCULARC WALL WASHER CEILING MOUNTED 267
OCULARC FOCUS VERTICALLY MOUNTED 271

VIVISTAR 275

Xuzhou Museum
Xuzhou, Jiangsu Province

LEDme® SHOWCASE

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

LEDme® II SHOWCASE LUMINAIRES

SLIR3F (Rear Tilt)

SLIR4F (Front Tilt)

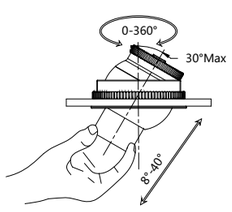
SLIR5F (Tilt)

Specifications

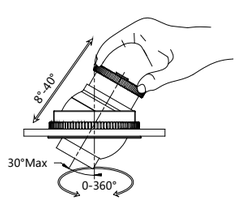
IP20 | 40℃ -20℃ | High CRI | Dimmable | CQC | SUBROSA® Glare-free

- Body Material: Aluminum
- Optical System: Continuous adjustable beam angle +SUBROSA® Optical System
- Finish: Powder coat
- Adjustable Angle: horizontal rotation in any direction and -30° to 30° vertical aiming tilt
- Accessories/Brackets: Extender cable available
- LED Type: High Power LED
  LED Wattage, CCT, Lumen Output:
  SLIR3FLD 3000K 175lm : SLIR3FLM 3000K 410lm
  SLIR4FLD 3000K 175lm ; SLIR4FLM 3000K 410lm
  SLIR5FLM 3000K 480lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Input:
  SLIR3LD: 3V (Constant Current Driver)
  SLIR3LM: 350mA max 12V DC(Constant Current Driver)
  SLIR4FLD: 700mA max 3V DC(Constant Current Driver)
  SLIR4FLM: 350mA max 12V DC(Constant Current Driver)
  SLIR5FLM-M/N: 500mA max 12V DC(Constant Current Driver)
  SLIR5FLM-NR/ER/DR: 220~240VAC / 50Hz
- Dimming control: suitable for WAC LED power provider (see SPECIFICATIONS for details)
- Net Weight: 0.08Kg / 0.09Kg / 0.17Kg

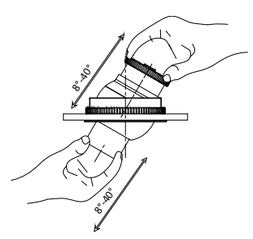
Product Features/Optics



Front Tilt

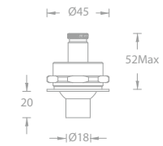


Rear Tilt



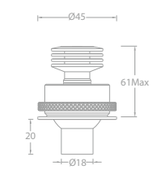
Tilt

Product Parameters



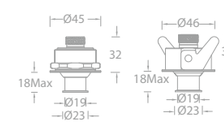
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR3F	**LD** *LED 1W (350mA)* *LED 2W (700mA)*	*773cd(@3000K Max)*	**N** Single wire **M** MTB driver (Can be ordered separately)	**F** *6°-40°*	**9** *Ra90* **A** *Ra97*	**30** *3000K* **40** *4000K*	**BK** *Black*

Example : SLIR3FLD-N-F930BK



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR3F	**LM** *LED 4.5W (350mA)*	*1206cd(@3000K Max)*	**N** Single wire	**F** *7°-40°*	**9** *Ra90* **A** *Ra97*	**30** *3000K* **40** *4000K*	**BK** *Black*

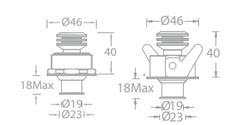
Example : SLIR3FLM-N-F930BK



SLIR4FLD-N/M SLIR4FLD-NR

Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR4F	**LD** *LED 1W (350mA)* *LED 2W (700mA)*	*773cd(@3000K Max)*	**N** *Single wire* **M** *MTB driver(Can be ordered separately)* **NR** *Single wire*	**F** *6°-40°*	**9** *Ra90* **A** *Ra97*	**30** *3000K* **40** *4000K*	**BK** *Black*

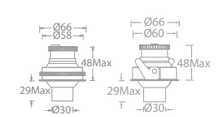
Example : SLIR4FLD-N-FA30BK



SLIR4FLM-N SLIR4FLM-NR

Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR4F	**LM** *LED 4.5W*	*1197cd(@3000K Max)*	**N** Single wire **NR** Single wire	**F** *7°-40°*	**9** *Ra90* **A** *Ra97*	**30** *3000K* **40** *4000K*	**BK** *Black*

Example : SLIR4FLD-N-F930BK



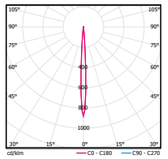
SLIR5FLM-N SLIR5FLM-NR

Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR5F	**LM** *LED 6W*	*3098cd(@3000K 8°)* *560cd(@3000K 40°)*	**N** *Single wire* **M** *MTB driver* *(Can be ordered separately)* **NR** *Single wire* **ER** *ON-OFF ** **DR** *0-10V Dimming **	**F** *8°-40°*	**9** *Ra90* **A** *Ra97*	**30** *3000K* **40** *4000K*	**BK** *Black*

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

Light Distribution

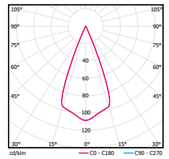
SLIR3F



SLIR3FLD-N-F930（Min）

0º Aiming Angle

D(M)	LUX	W	L
0.3	9782	0.03	0.03
0.6	2446	0.06	0.06
1.2	611	0.13	0.13
2.4	153	0.25	0.25

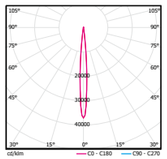


SLIR3FLD-N-F930（Max）

0º Aiming Angle

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

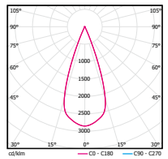
SLIR4F



SLIR4FLD-N-F930（Min）

0º Aiming Angle

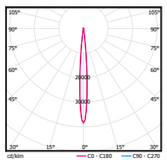
D(M)	LUX	W	L
0.3	9782	0.03	0.03
0.6	2446	0.06	0.06
1.2	611	0.13	0.13
2.4	153	0.25	0.25



SLIR4FLD-N-F930（Max）

0º Aiming Angle

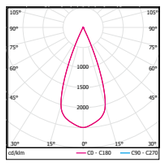
D(M)	LUX	W	L
0.3	1206	0.23	0.23
0.6	301	0.46	0.46
1.2	75	0.92	0.92
2.4	19	1.84	1.84



SLIR4FLM-N-F930（Min）

0º Aiming Angle

D(M)	LUX	W	L
0.3	13300	0.05	0.05
0.6	3325	0.09	0.09
1.2	831	0.18	0.18
2.4	208	0.36	0.36

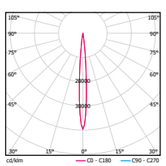


SLIR4FLM-N-F930（Max）

0º Aiming Angle

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

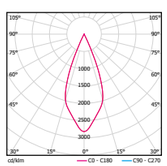
SLIR5F



SLIR5FLM-N-F930（Min）

0º Aiming Angle

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



SLIR5FLM-N-F930（Max）

0º Aiming Angle

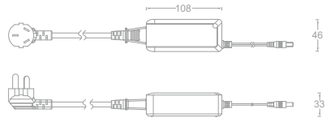
D(M)	LUX	W	L
0.3	6222	0.22	0.22
0.6	1556	0.43	0.43
1.2	389	0.86	0.86
2.4	97	2.40	2.40

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

· 36V DC adapter

PA-36

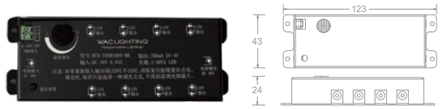
Model	Finish	Description	Weight
PA-3636-BK-C	BK	220-240VAC, 50/60HZ,LED CONSTANT VOLTAGE DRIVER	0.27KG

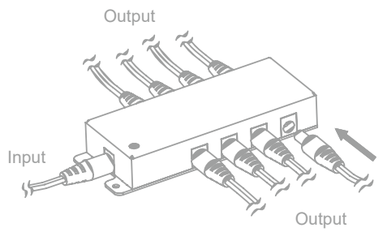


· MTB Power divider

LED-MTB

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

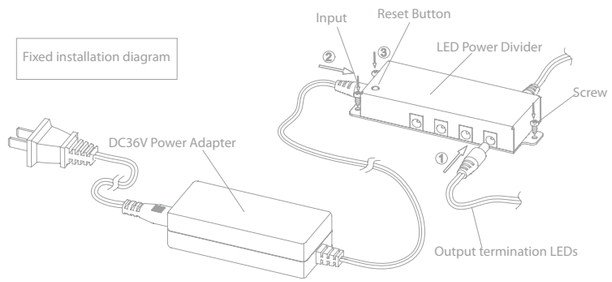




· Function

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

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



· Color: BK - Black

LEDme® SHOWCASE WALL WASHER

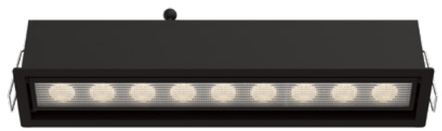
SR51WLD06
(Front Tilt)

SR51WLD12
(Front Tilt)

SR51WLD18
(Front Tilt)

SR52WLD06(Tilt)

SR52WLD12(Tilt)



SR52WLD18(Tilt)

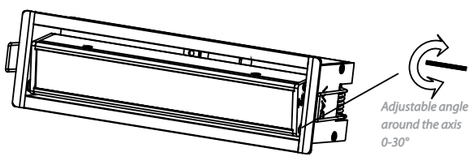
Specifications

IP20 | 40℃ -20℃ | High CRI | Input 220V AC/50Hz | Dimmable

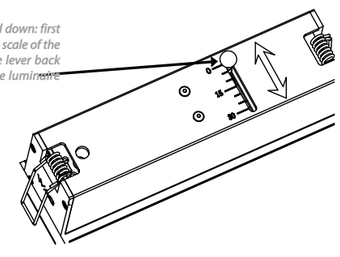
- Body Material: Aluminum
- Optical System: Clear Lens included + Wall Washer system
- Finish: Environmentally safe powder coat
- Adjustable Angle: Vertical 0°-35° aiming tilt
- Cutout: L 106mm / 193mm / 280mm, W 50mm
- Ceiling Thickness: 5-25mm
- LED Type: High Power LED
- LED wattage, LED Wattage, CCT, Lumen Output: 6W 3000K 525lm
  12W 3000K1050lm
  18W 3000K 1575lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
  Net Weight: SR51W 0.45Kg / 0.65Kg / 0.85Kg
  SR52W 0.5Kg / 0.7Kg / 0.9Kg

Product Features/Optics

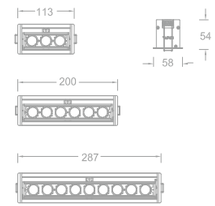
Front Adjustable



This lever can be extended up and down: first pull it up, then dial the lever to the scale of the desired angle, and then push the lever back until the ball is about close to the luminaire body.

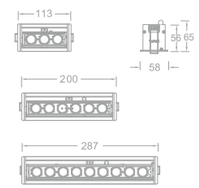


Product Parameters



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

Example : SR51WLD12-D-W930WT

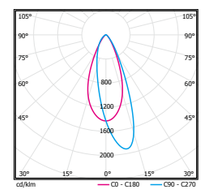


Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
SR52W	**LD06** *6W* **LD12** *12W* **LD18** *18W*	*356lm (@6W 3000K)* *621lm (@12W 3000K)* *978lm (@18W 3000K)*	**E** *ON-OFF* **D** *0-10V Dimming*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**WT** *White* **BK**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

Example : SR52WLD12-D-W930WT

Light Distribution

SR51WLD12-D-W930 / SR52WLD12-D-W930



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

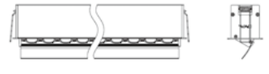
H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.25	*165*	*158*	*168*	*158*	*171*
2.00	*342*	*320*	*334*	*326*	*330*
1.75	*388*	*389*	*375*	*390*	*371*
1.50	*373*	*373*	*363*	*375*	*358*
1.25	*319*	*317*	*315*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

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

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

Accessories

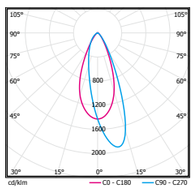
OPTICAL ACCESSORIES

MODEL	ANTI GLARE BAFFLE	ANTI GLARE HONEYCOMB
		
SR51WLD06/SR52WLD06	LENS-SR51WLD06-BD	LENS-SR51WLD06-HCM
SR51WLD12/SR52WLD12	LENS-SR51WLD12-BD	LENS-SR51WLD12-HCM
SR51WLD18/SR52WLD18	LENS-SR51WLD18-BD	LENS-SR51WLD18-HCM

Note：All must be ordered separately.

Light Distribution

SR51WLD12-D-W930 / SR52WLD12-D-W930



Specifications:

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

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

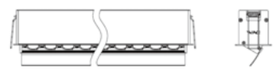
Specifications:

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

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

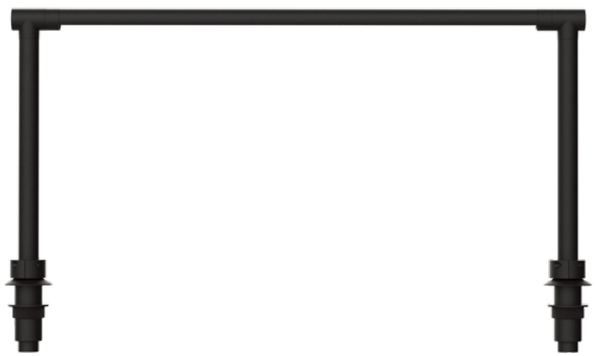
Accessories

OPTICAL ACCESSORIES

MODEL	ANTI GLARE BAFFLE	ANTI GLARE HONEYCOMB
		
SR51WLD06/SR52WLD06	LENS-SR51WLD06-BD	LENS-SR51WLD06-HCM
SR51WLD12/SR52WLD12	LENS-SR51WLD12-BD	LENS-SR51WLD12-HCM
SR51WLD18/SR52WLD18	LENS-SR51WLD18-BD	LENS-SR51WLD18-HCM

Note：All must be ordered separately.

LEDme® BAR



Specifications

IP20 | 40℃ -20℃ | High CRI | V Input 24V DC | CQC

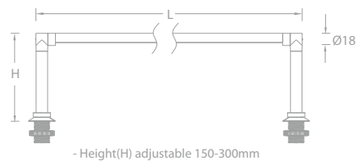
- Body Material: Aluminum
- Optical System: LiteBox
- Finish: Environmentally safe powder coat
- Adjustable Angle: 0°-60° rotation
- Accessories/Brackets: Accessories for crossbar assembly

- LED Type: SMD
- LED Wattage, CCT, Lumen Output: 10W/m 3000K 800lm
  20W/m 3000K 1480lm
- LED Lifetime:m>50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency:1.5 SDCM
- Dimming control: Depends on LED driver(Order separately)
- Length: 497mm(0.5m), 1007mm(1.0m), 1417mm(1.4m),
  1621mm(1.6m), 2029mm(2.0m) offered
- Net Weight: 0.2Kg/m

Product Features/Optics

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

Product Parameters



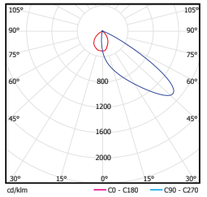
Model	LED Power	System Lumens	Lenght(L)	Driver	Beam	CRI	CCT	Finish
SLP1 *Universal luminaire*	**20** *20W/m*	*1350lm(@3000K)*	**20** *2.0m*	**E** *Constant current*	**W** *Wall Washer*	**9** *90*	**30** *3000K*	**BK** *Black*
SLP2 *Connected luminaire*	**10** *10W/m*	*800lm(@3000K)*	**16** *1.6m*	**T** *Constant voltage*		**A** *97*	**40** *4000K*	
			14 *1.4m*					
			10 *1.0m*					
			05 *0.5m*					

Example : SLP1-2020E-W930BK
Note: SLP1 is for luminaire with two supports. SLP2 is for luminaire with one support (Need to use with SLP1). LED driver excluded for all models.
The length of the product can be customized as required, the minimum unit is 102mm, and the total length does not exceed 2.2m. Please consult WAC for details

Light Distribution

Simulated data SLP1-2020E-W930BK

Specifications:
Angle of tilt: 10°
Height from desktop (m): 0.3
Desktop size (m): 1x0.5



(m)	Surface illumination (lux)							
	0.0625	0.1875	0.3125	0.4375	0.5625	0.6875	0.8125	0.9375
0.4375	363	471	523	249	249	523	471	360
0.3125	408	531	586	605	605	588	534	410
0.1875	281	363	400	415	415	401	364	283
0.0625	166	211	235	244	244	235	211	165

LEDme® SHOWCASE LUMINAIRES

Specifications

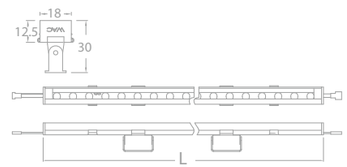
IP20 | 40℃ -20℃ | High CRI | Input 24V DC | CEC

- Body Material: Aluminum
- Optical System: Clear Lens included + Wall Washer system
- Finish: Environmentally safe powder coat
- Accessories/Brackets: Angle adjustment Accessories
- LED Type: SMD
- LED wattage, LED Wattage, CCT, Lumen Output: 10W 3000K 800lm
  20W 3000K 1480lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Dimming control: Depends on LED driver(Order separately)
- Length: 2054mm/1544mm /1031mm /521mm /317mm
- Net Weight: 0.2Kg/m

Product Features/Optics

W *Wall Washer*

Product Parameters

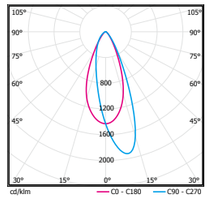


Model	LED Power	System Lumens	Lenght(L)	Driver	Beam	CRI	CCT	Finish
SLS1	**10** *10W/m* **20** *20W/m*	*1350lm(@3000K)* *800lm(@3000K)*	**03** *0.317m* **05** *0.521m* **10** *1.031m* **15** *1.544m* **20** *2.054m*	**T** *Constant voltage*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black*

Example : SLS1-1003T-W930BK

Light Distribution

SLS1-1003T-W930BK



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

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

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

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

Accessories

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

Note：All must be ordered separately.

Zhejiang Museum of Natural History Anji
Huzhou, Zhejiang Province

OCULARC Series Overview Diagram

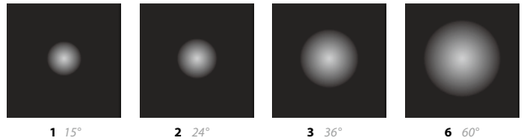
OCULARC MINI TRACK

Specifications

IP20 | 40℃ -20℃ | High CRI | Input 24V DC | Dimmable | CQC | SUBROSA® Glare-free

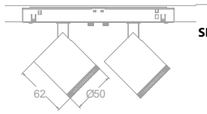
- Body Material: Aluminum alloy
- Optical System: Clear Lens included + SUBROSA®Optical System
- Finish: Painted
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Mini track available
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output: 3000K 950lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Net Weight: 0.20Kg / 0.40Kg

Product Features/Optics



1 *15°* **2** *24°* **3** *36°* **6** *60°*

Product Parameters



Model	LED Power		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
SL48S	**LD10**	*LED 10W*	*3556cd(@10W 3000K 15°)*	**O**	*On-board*	**1**	*15°*	**9**	*90*	**30**	*3000K*	**BK**	*Black*
	LD20	*LED 2*10W*	*2018cd(@10W 3000K 24°)*	**E**	*ON-OFF**	**2**	*24°*	**A**	*97*	**40**	*4000K*		
			953cd(@10W 3000K 36°)			**3**	*36°*						
			418cd(@10W 3000K 60°)			**6**	*60°*						

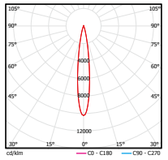
Example : SL48SLD10-O-2930BK

Note : Except for the 15 ° built-in Honeycomb, the rest do not include Honeycomb

""Dims beautifully with an external driver and/or control system.*

Light Distribution

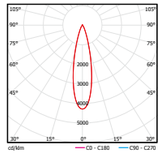
SL48S



SL48SLD10-O-1930BK

0º AIMING ANGLE

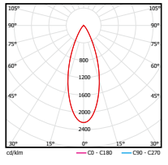
D(M)	LUX	W	L
1	3556	0.26	0.26
2	889	0.52	0.52
3	395	0.78	0.78
4	222	1.04	1.04



SL48SLD10-O-2930BK

0º Aiming Angle

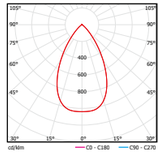
D(M)	LUX	W	L
1	2018	0.43	0.43
2	505	0.86	0.86
3	224	1.29	1.29
4	126	1.72	1.72



SL48SLD10-O-3930BK

0º AIMING ANGLE

D(M)	LUX	W	L
1	953	0.66	0.66
2	238	1.32	1.32
3	106	1.98	1.98
4	60	2.64	2.64



SL48SLD10-O-6930BK

0º Aiming Angle

D(M)	LUX	W	L
1	418	1.20	1.20
2	105	2.40	2.40
3	46	3.60	3.60
4	26	4.80	4.80

OCULARC FOCUS MINI TRACK

SL45F SL46F SL47F SL48F

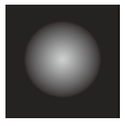
Specifications

IP20 | 40℃ -20℃ | High CRI | Input 24V DC | Dimmable | CQC | SUBROSA® Glare-free

- Body Material: Aluminum alloy
- Optical System: Clear Lens included + SUBROSA®Optical System
- Finish: Painted
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Mini track available
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output:
  SL45F 3000K 105lm
  SL46F 3000K 250lm
  SL47F 3000K 480lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Net Weight: 0.06Kg / 0.12kg
  0.07Kg / 1.15Kg
  0.10Kg / 0.20Kg
  0.20Kg / 0.40Kg

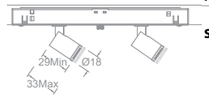
Product Features/Optics

Diminutive Body



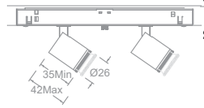
F *Focus*

Product Parameters



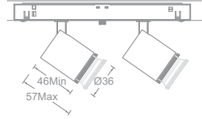
Model	LED Power		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
SL45F	**LD01** **LD02**	*LED 1W* *LED 2*1W*	*340cd(@3000K Max)*	**O** **E**	*On-board* *ON-OFF**	**F**	*10°-40°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

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



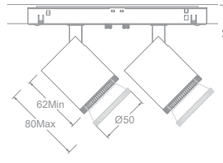
Model	LED Power		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
SL46F	**LD03** **LD06**	*LED 3W* *LED 2*3W*	*2069cd(@3000K Max)*	**O** **E**	*On-board* *ON-OFF**	**F** **F**	*6°-40°* *8°-40°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

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



Model	LED Power		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
SL47F	**LD05** **LD10**	*LED 5W* *LED 2*5W*	*3556cd(@3000K Max)*	**O** **E**	*On-board* *ON-OFF**	**F**	*8°-40°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

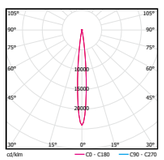
Example : SL47FLD05-O-F930BK
Note : ""Dims beautifully with an external driver and/or control system.*



Model	LED Power		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
SL48F	**LD10** **LD20**	*LED 10W* *LED 2*10W*	*1599cd(@3000K Max)*	**O** **E**	*On-board* *ON-OFF**	**F**	*7°-60°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

Example : SL48FLD10-O-F930BK
Note : ""Dims beautifully with an external driver and/or control system.*

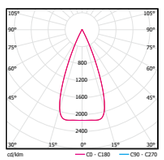
SL45F



SL45FLD01-M-F930 (Min)

0º Aiming Angle

D(M)	LUX	W	L
0.3	3777.8	0.054	0.054
0.6	944.44	0.108	0.108
1.2	236.11	0.216	0.216
2.4	59.03	0.432	0.432

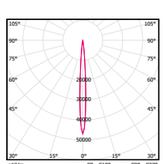


SL45FLD01-M-F930（Max）

0º Aiming Angle

D(M)	LUX	W	L
0.3	866.67	0.234	0.234
0.6	216.67	0.468	0.468
1.2	54.17	0.936	0.936
2.4	13.54	1.872	1.872

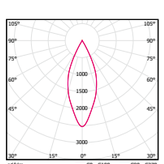
SL46F



SL46FLD03-M-F930 (Min)

0º Aiming Angle

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

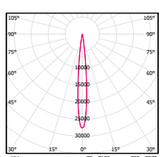


SL46FLD03-M-F930 (Max)

0º Aiming Angle

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

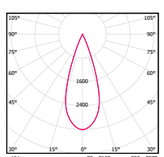
SL47F



SL47FLD05-M-F930 (Min)

0º Aiming Angle

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

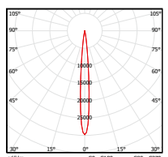


SL47FLD05-M-F930 (Max)

0º Aiming Angle

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

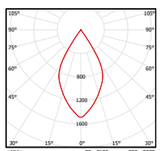
SL48F



SL48FLD10-O-F930BK-MIN

0º AIMING ANGLE

D(M)	LUX	W	L
1	6643	0.16	0.16
2	1661	0.32	0.32
3	738	0.48	0.48
4	415	0.64	0.64



SL48FLD10-O-F930BK-MAX

0º Aiming Angle

D(M)	LUX	W	L
1	653	1.10	1.10
2	163	2.20	2.20
3	73	3.30	3.30
4	41	4.40	4.40

OCULARC PROJECTOR MINI TRACK

SL45F SL56F

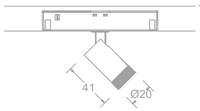
Specifications

IP20 | 40℃ -20℃ | High CRI | V Input 24V DC | Dimmable | CQC

- Body Material: Aluminum alloy
- Optical System:
  SL45F:Multi collimating lens light distribution
  SL56F:Dual Optical System Framing Projector
- Finish:
  SL45F:Painted
  SL56F:Environmentally safe powder coat
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Mini track available
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type:
  SL45F:High Power LED
  SL56F:COB
- LED Wattage, CCT, Lumen Output: 3000K 190lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 3 SDCM
- Net Weight: 0.1Kg / 0.4Kg

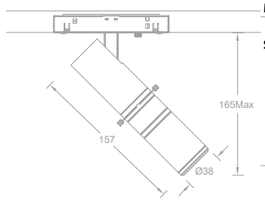
Product Features/Optics

Product Parameters



Model	LED	Dimming	Beam	CRI	CCT	Finish
SL45F	**LD02** *LED 2W*	**O** *On-board* **E** *ON-OFF**	**R** *Projector*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black*

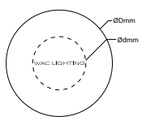
Example : SL45FLD02-O-R930BK
*Note : *Dims beautifully with an external driver and/or control system.*



Model	LED	System CBCP	Dimming	Beam	CRI	CCT	Finish
SL56F	**LM10** *COB 10W*	*3006cd(@10W 3000K Reinvent)* *645cd(@10W 3000K Focus)*	**O** *On-board* **E** *ON-OFF**	**R** *Reinvent*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black*

Example : SL56FLM10-O-R930WT
*Note : *Dims beautifully with an external driver and/or control system.*
"R" adjustable framing shims create a feature accenting,rectangular pattern of illumination.

Accessories

GOBO Sheet Accessories	LENS-TL56F-GOBO Gobo piece Accessories with WAC logo	

All Accessories need to be ordered separately. The luminaire includes a corresponding cutoff accessory when it ships. The GOBO sheet is not included. GOBO sheet size: thickness 1mm, D is Ø 19.6mm, d is Ø14mm, the text or pattern content can be customized (the diameter cannot exceed 14mm).

OCULARC WALL WASHER MINI TRACK

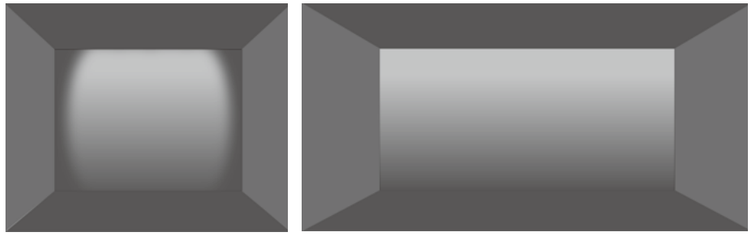
SL46W SL48WLD10 SL48WLD06

Specifications

IP20 | 40℃ -20℃ | High CRI | Input 24V DC | Dimmable

- Body Material: Aluminum alloy
- Optical System: Dual Optical System(SL46W)
  Lens (SL48W)
- Finish: Painted
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Mini track available
- Wiring: Please refer to wiring schematic diagram at the end of catalog
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output: SL46W 3000K 250lm
  SL48W 3000K 480lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Net Weight: 0.08Kg / 0.1Kg

Product Features/Optics

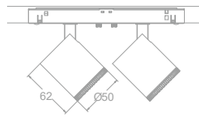


W *Wall Washer*

Product Parameters

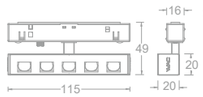
Model	LED		System Lumens(Single)	Dimming		Beam		CRI		CCT		Finish	
SL46W	**LD03**	*LED 3W*	*162lm(@3W 3000K)*	**O**	*On-board*	**W**	*Wall Washer*	**9**	*90*	**30**	*3000K*	**BK**	*Black*
	LD06	*LED 2*3W*		**E**	*ON-OFF**			**A**	*97*	**40**	*4000K*		

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



Model	LED		System Lumens(Single)	Dimming		Beam		CRI		CCT		Finish	
SL48W	**LD10**	*LED 10W*	*409lm(@10W 3000K)*	**O**	*On-board*	**W**	*Wall Washer*	**9**	*90*	**30**	*3000K*	**BK**	*Black*
	LD20	*LED 2*10W*		**E**	*ON-OFF**			**A**	*97*	**40**	*4000K*		

Example : SL48WLD10-O-W930BK
*Note : **Dims beautifully with an external driver and/or control system.*

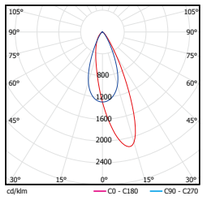


Model	LED		System Lumens(Single)	Dimming		Beam		CRI		CCT		Finish	
SL48W	**LD06**	*LED 6W*	*312lm(@10W 3000K)*	**O**	*On-board*	**W**	*Wall Washer*	**9**	*90*	**30**	*3000K*	**BK**	*Black*
				E	*ON-OFF**			**A**	*97*	**40**	*4000K*		

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

Light Distribution

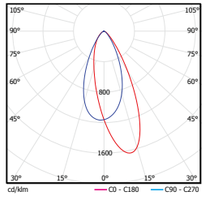
SL46WLD03-O-W930



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	40	44	41	44	41
2.55	95	113	96	114	98
2.25	113	133	114	134	114
1.95	115	125	116	126	116
1.65	99	105	101	105	101
1.35	76	79	78	80	79
1.05	56	59	59	60	59
0.75	128	45	45	46	45
0.45	33	35	36	36	36
0.15	29	33	33	33	33

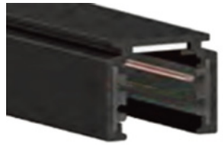
SL48WLD10-O-W930



Specifications:
Wall height (m): 2.4
Offset from wall (m): 0.8
Luminaire spacing (m): 0.8

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.20	66	70	67	70	66
1.80	127	139	128	139	127
1.40	142	152	144	152	142
1.00	129	134	131	134	129
0.60	103	105	105	105	102
0.40	76	78	78	78	76

MINI TRACK SYSTEM



MINI TRACK

Model	Length
MT1M-BK-C	1m
MT2M-BK-C	2m
MT3M-BK-C	3m

Surface mounted track. Track offers two end caps. If need suspended mounted track, please contact WAC.

STRAIGHT LINE POWER CONNECTOR

Model
MLE-BK-C

"I" CONNECTOR

Model
MI-BK-C

"L" CONNECTOR

Model
ML-BK-C

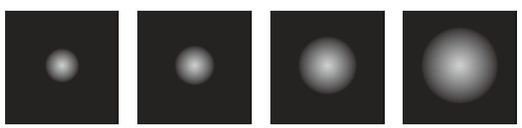
OCULARC CEILING MOUNTED

Specifications

IP20 | 40℃ / -20℃ | High CRI | CEC | SUBROSA® Glare-free

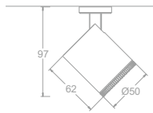
- Body Material: Aluminum alloy
- Optical System: Clear Lens included + SUBROSA®Optical System
- Finish: Painted
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Mini track available
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output: 3000K 950lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Net Weight: 0.20Kg

Product Features/Optics



1 *15°* **2** *24°* **3** *36°* **5** *60°*

Product Parameters

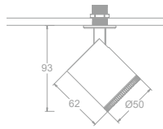


Model	LED		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
ME48S	**LD10** **LD20**	*LED 10W* *LED 2*10W*	*3556cd(@10W 3000K 15°)* *2018cd(@10W 3000K 24°)* *953cd(@10W 3000K 36°)* *418cd(@10W 3000K 60°)*	**O** **E**	*On-board* *ON-OFF**	**1** **2** **3** **6**	*15°* *24°* *36°* *60°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

Example : ME48SLD10-O-2930BK

Note : Except for the 15 ° built-in Honeycomb, the rest do not include Honeycomb

""Dims beautifully with an external driver and/or control system.*



Model	LED		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
SR48S	**LD10** **LD20**	*LED 10W* *LED 2*10W*	*3556cd(@10W 3000K 15°)* *2018cd(@10W 3000K 24°)* *953cd(@10W 3000K 36°)* *418cd(@10W 3000K 60°)*	**O** **E**	*On-board* *ON-OFF**	**1** **2** **3** **6**	*15°* *24°* *36°* *60°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

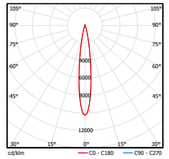
Example : SR48SLD10-O-2930BK

Note : Except for the 15 ° built-in Honeycomb, the rest do not include Honeycomb

""Dims beautifully with an external driver and/or control system.*

Light Distribution

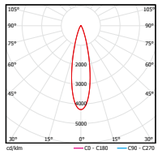
ME/SR48S



ME48SLD10-O-1930BK

0º AIMING ANGLE

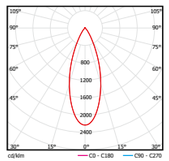
D(M)	LUX	W	L
1	3556	0.26	0.26
2	889	0.52	0.52
3	395	0.78	0.78
4	222	1.04	1.04



ME48SLD10-O-2930BK

0º Aiming Angle

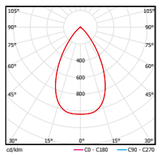
D(M)	LUX	W	L
1	2018	0.43	0.43
2	505	0.86	0.86
3	224	1.29	1.29
4	126	1.72	1.72



ME48SLD10-O-3930BK

0º AIMING ANGLE

D(M)	LUX	W	L
1	953	0.66	0.66
2	238	1.32	1.32
3	106	1.98	1.98
4	60	2.64	2.64



ME48SLD10-O-6930BK

0º Aiming Angle

D(M)	LUX	W	L
1	418	1.20	1.20
2	105	2.40	2.40
3	46	3.60	3.60
4	26	4.80	4.80

OCULARC FOCUS CEILING MOUNTED

ME/SR45F

ME/SR46F

ME/SR47F

ME/SR48F

Specifications

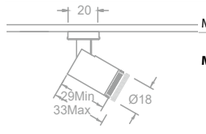
IP20 | 40℃ -20℃ | High CRI | CQC | SUBROSA® Glare-free

- Body Material: Aluminum alloy
- Optical System: Clear Lens included + SUBROSA®Optical System
- Finish: Painted
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Mini track available
- Cutout: Ø17mm for SR45F(ceiling thickness 1-15mm) Magnetic mounted for ME45F
  Ø17mm for SR46F(ceiling thickness 1-15mm) Magnetic mounted for ME46F
  Ø17mm for SR47F(ceiling thickness 1-15mm) Magnetic mounted for ME47F
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output: ME45F 3000K 105lm
  ME46F 3000K 250lm
  ME47F 3000K 480lm
  ME48F 3000K 950lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Input : Constant Current 350mA(3V DC)
- Dimming Control: Depends on LED driver(Order Separately)
- Net Weight: 0.1Kg / 0.2Kg / 0.4Kg / 0.6Kg

Product Features/Optics

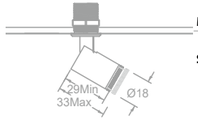
F *6°/8°/10°-40°*

Product Parameters



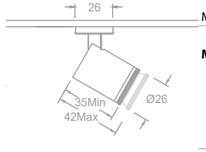
Model	LED		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
ME45F	**LD01**	*LED 1W*	*340cd(@3000K Max)*	**M** **N**	*MTB Driver* *Single Wire*	**F**	*10°-40°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

Example : ME45FLD01-M-F930BK



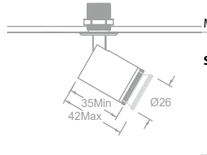
Model	LED		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
SR45F	**LD01**	*LED 1W*	*340cd(@3000K Max)*	**M** **N**	*MTB Driver* *Single Wire*	**F**	*10°-40°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

Example : SR45FLD01-M-F930BK



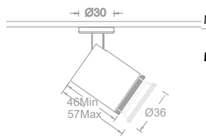
Model	LED		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
ME46F	**LD03**	*LED 3W*	*2069cd(@3000K Max)*	**M** **N**	*MTB Driver* *Single Wire*	**F** **F**	*6°-40°* *8°-40°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

Example : ME46FLD03-M-F930BK



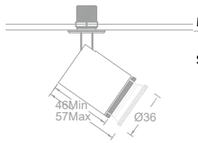
Model	LED		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
SR46F	**LD03**	*LED 3W*	*2069cd(@3000K Max)*	**M** **N**	*MTB Driver* *Single Wire*	**F** **F**	*6°-40°* *8°-40°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

Example : SR46FLD03-M-F930BK



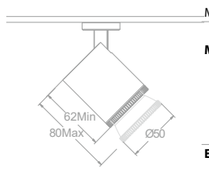
Model	LED		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
ME47F	**LD05**	*LED 5W*	*1599cd(@3000K Max)*	**M** **N**	*MTB Driver* *Single Wire*	**F**	*8°-40°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

Example : ME47FLD05-M-F930BK



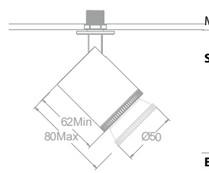
Model	LED		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
SR47F	**LD05**	*LED 5W*	*1599cd(@3000K Max)*	**M** **N**	*MTB Driver* *Single Wire*	**F**	*8°-40°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

Example : SR47FLD05-M-F930BK



Model	LED		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
ME48F	**LD10**	*LED 10W*	*1599cd(@3000K Max)*	**N**	*Single Wire*	**F**	*7°-60°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

Example : ME48FLD10-N-F930BK

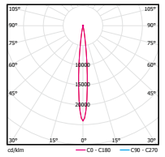


Model	LED		System CBCP(Single)	Dimming		Beam		CRI		CCT		Finish	
SR48F	**LD10**	*LED 10W*	*1599cd(@3000K Max)*	**N**	*Single Wire*	**F**	*7°-60°*	**9** **A**	*90* *97*	**30** **40**	*3000K* *4000K*	**BK**	*Black*

Example : SR48FLD10-N-F930BK

Light Distribution

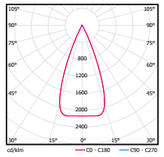
ME/SR45F



ME45FLD01-M-F930 (Min)

0º Aiming Angle

D(M)	LUX	W	L
0.3	3777.8	0.054	0.054
0.6	944.44	0.108	0.108
1.2	236.11	0.216	0.216
2.4	59.03	0.432	0.432

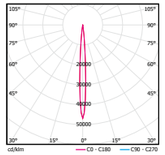


ME45FLD01-M-F930（Max）

0º Aiming Angle

D(M)	LUX	W	L
0.3	866.67	0.234	0.234
0.6	216.67	0.468	0.468
1.2	54.17	0.936	0.936
2.4	13.54	1.872	1.872

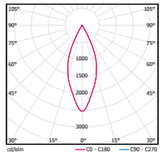
ME/SR46F



ME46FLD03-M-F930 (Min)

0º Aiming Angle

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

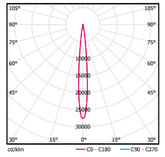


ME46FLD03-M-F930 (Max)

0º Aiming Angle

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

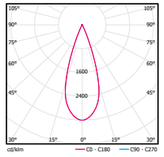
ME/SR47F



ME47FLD05-M-F930 (Min)

0º Aiming Angle

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

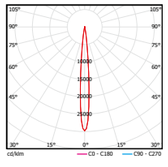


ME47FLD05-M-F930 (Max)

0º Aiming Angle

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

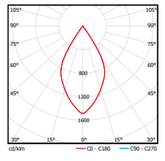
ME/SR48F



ME48FLD10-O-F930BK-MIN

0º AIMING ANGLE

D(M)	LUX	W	L
1	6643	0.16	0.16
2	1661	0.32	0.32
3	738	0.48	0.48
4	415	0.64	0.64



ME48FLD10-O-F930BK-MAX

0º Aiming Angle

D(M)	LUX	W	L
1	653	1.10	1.10
2	163	2.20	2.20
3	73	3.30	3.30
4	41	4.40	4.40

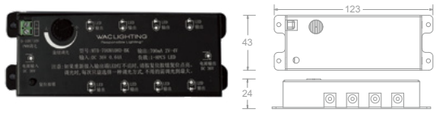
Accessories

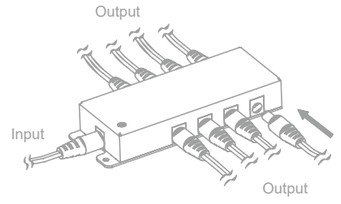
Model	Description	Can match luminaires	PIC
MTB-CABLE-1000-BK	Special extension cable: it is used between MTB power splitter and me / sr47fld05-m series exhibition cabinet luminaires, with a total length of 1m and quick connect plugs at both ends	ME45F/SR45F/ME46F/SR46F/ME47F/SR47F	
Note: the length of the input wire of the original luminaire is about 0.5m. Special MTB power splitter and extension cord shall be ordered separately.			
4LD-350MA10D-LF-C	Input 220V ~ 240V AC / 50Hz, Output 350mA (power 4.5w), 6-30v, support 0-10V dimming, and drive 1-2 exhibition cabinet luminaires (in series). Size (L *W* H): 121 * 41 * 22mm	ME45F/SR45F/ME46F/SR46F/ME47F/SR47F	
Note: the length of the input wire of the original luminaire is about 0.5m. special electrical components shall be ordered separately (4.5w), excluding cables			
LD-070MA14D-LF-C	Special electrical appliances: Input 220V~240VAC/50Hz, Output 700mA(power 9W), 8-12V supports 0-10V dimming, can drive 1 display cabinet light Size (L * W * H): 115 * 43 * 25, mm	ME48F/SR48F	
Note: Electrical appliances need to be ordered separately, excluding wires			

· MTB Power divider

LED-MTB

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

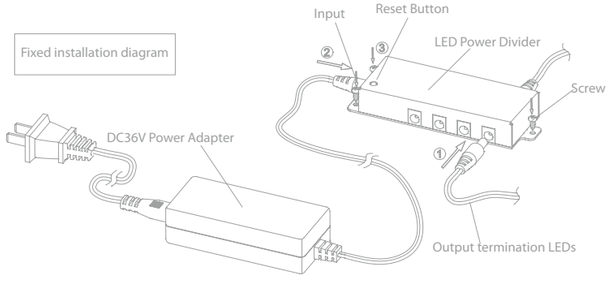




· Function

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

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



· Color: BK - Black

OCULARC WALL WASHER CEILING MOUNTED

ME/SR46W

ME/SR48WLD10

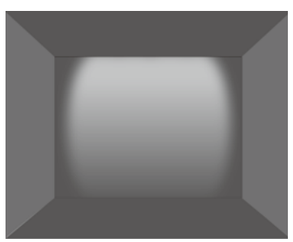
ME/SR48WLD06

Specifications

III IP20 40℃ -20℃ High CRI CQC

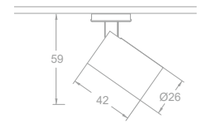
- Body Material: Aluminum alloy
- Optical System: Dual Optical System(ME46W)
  Lens (ME48W)
- Finish: Painted
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Accessories/Brackets: Mini track available
- Cutout: Ø17mm for ME46W(ceiling thickness 1-15mm) Magnetic mounted for ME46W
  Ø17mm for ME48W(ceiling thickness 1-15mm) Magnetic mounted for ME48W
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output: ME46W 3000K 250lm
  ME48WLD10 3000K 409lm
  ME48WLD06 3000K 600lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Input : Constant Current 350mA(3V DC)
- Dimming Control: Depends on LED driver(Order Separately)
- Net Weight: 0.08Kg / 0.1Kg

Product Features/Optics



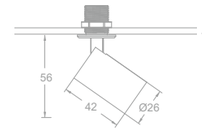
W *Wall Washer*

Product Parameters



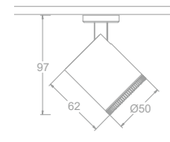
Model	LED	System Lumens	Dimming	Beam	CRI	CCT	Finish
ME46W	**LD03** *LED 3W*	*162lm(@3W 3000K)*	**M** *MTB Driver* **N** *Single Wire*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black*

Example : ME46WLD03-M-W930BK



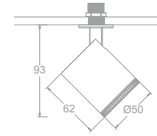
Model	LED	System Lumens	Dimming	Beam	CRI	CCT	Finish
SR46W	**LD03** *LED 3W*	*162lm(@3W 3000K)*	**M** *MTB Driver* **N** *Single Wire*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black*

Example : SR46WLD03-M-W930BK



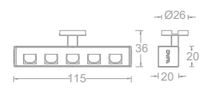
Model	LED	System Lumens	Dimming	Beam	CRI	CCT	Finish
ME48W	**LD10** *LED 10W*	*409lm(@10W 3000K)*	**N** *Single Wire*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black*

Example :ME48WLD10-N-W930BK



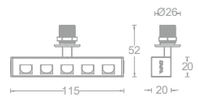
Model	LED	System Lumens	Dimming	Beam	CRI	CCT	Finish
SR48W	**LD10** *LED 10W*	*409lm(@10W 3000K)*	**N** *Single Wire*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black*

Example :SR48WLD10-N-W930BK



Model	LED	System Lumens	Dimming	Beam	CRI	CCT	Finish
ME48W	**LD06** *LED 6W*	*312lm(@10W 3000K)*	**M** *MTB Driver* **N** *Single Wire*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black*

Example : ME48WLD06-N-W930BK

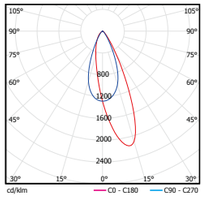


Model	LED	System Lumens	Dimming	Beam	CRI	CCT	Finish
SR48W	**LD06** *LED 6W*	*312lm(@10W 3000K)*	**M** *MTB Driver* **N** *Single Wire*	**W** *Wall Washer*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black*

Example : SR48WLD06-N-W930BK

Light Distribution

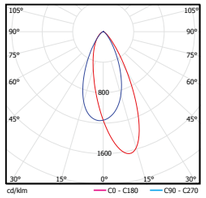
ME46WLD03-O-W930



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	40	44	41	44	41
2.55	95	113	96	114	98
2.25	113	133	114	134	114
1.95	115	125	116	126	116
1.65	99	105	101	105	101
1.35	76	79	78	80	79
1.05	56	59	59	60	59
0.75	128	45	45	46	45
0.45	33	35	36	36	36
0.15	29	33	33	33	33

ME48WLD10-O-W930



Specifications:
Wall height (m): 2.4
Offset from wall (m): 0.8
Luminaire spacing (m): 0.8

H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.20	66	70	67	70	66
1.80	127	139	128	139	127
1.40	142	152	144	152	142
1.00	129	134	131	134	129
0.60	103	105	105	105	102
0.40	76	78	78	78	76

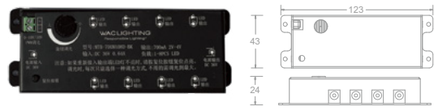
Accessories

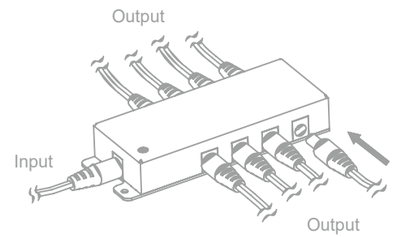
Model	Description	Can match luminaires	PIC
MTB-CABLE-1000-BK	Special extension cable: it is used between MTB power splitter and me / sr47fld05-m series exhibition cabinet luminaires, with a total length of 1m and quick connect plugs at both ends	ME45F/SR45F/ME46F/SR46F/ME47F/SR47F	
Note: the length of the input wire of the original luminaire is about 0.5m. Special MTB power splitter and extension cord shall be ordered separately.			
4LD-350MA10D-LF-C	Input 220V ~ 240V AC / 50Hz, Output 350mA (power 4.5w), 6-30v, support 0-10V dimming, and drive 1-2 exhibition cabinet luminaires (in series). Size (L *W* H): 121 * 41 * 22mm	ME45F/SR45F/ME46F/SR46F/ME47F/SR47F	
Note: the length of the input wire of the original luminaire is about 0.5m. special electrical components shall be ordered separately (4.5w), excluding cables			
LD-070MA14D-LF-C	Special electrical appliances: Input 220V~240VAC/50Hz, Output 700mA(power 9W), 8-12V supports 0-10V dimming, can drive 1 display cabinet light Size (L * W * H): 115 * 43 * 25, mm	ME48F/SR48F	
Note: Electrical appliances need to be ordered separately, excluding wires			

· MTB Power divider

LED-MTB

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

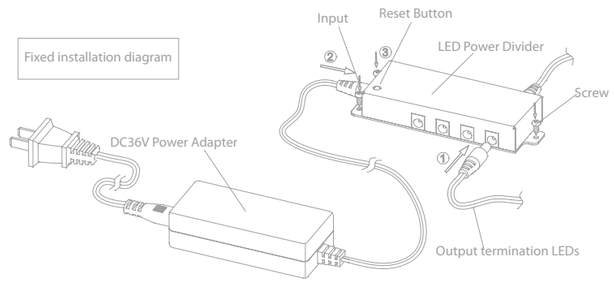




· Function

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

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



· Color: BK - Black

OCULARC FOCUS VERTICALLY MOUNTED

PL45F

PL46F

Specifications

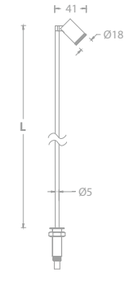
IP20 | 40℃ -20℃ | High CRI | CQC | SUBROSA® Glare-free

- Body Material: Aluminum alloy
- Optical System: Clear Lens included + SUBROSA®Optical System
- Finish: Painted
- Adjustable Angle: 0°-365° horizontal rotation and 0°-90° vertical aiming tilt
- Cutout: Ø13mm
- Applicable thickness: 1-30mm
- Height: 20-400mm adjustable
- LED Type: High Power LED
- LED Wattage, CCT, Lumen Output: 3000K 250lm
- LED Lifetime: >50,000h-L70 / B10-Ta25℃ (LM-80/TM-21)
- LED Color Consistency: 1.5 SDCM
- Input : Constant Current 350mA(3V DC)
- Dimming Control: Depends on LED driver(Order Separately)
- Net Weight: 0.1Kg / 0.12Kg

Product Features/Optics

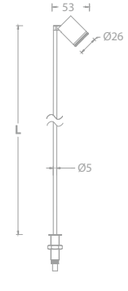
F *6°/8°/10°-40°*

Product Parameters



Model	LED	System CBCP	Dimming	Beam	CRI	CCT	Finish
PL45F	**LD01** *LED 1W*	*340cd(@3000K Max)*	**M** *MTB Driver* **N** *Single Wire*	**F** *10°-40°*	**9** *90* **A** *97*	**30** *3000K* **40** *4000K*	**BK** *Black*

Example : PL45FLD01-M-F930BK

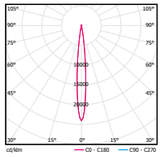


Model	LED	System CBCP(Single)	Dimming	Beam	CRI	CCT	Finish
PL46F	**LD03** *LED 3W*	*2069cd(@3000K Max)*	**M** *MTB Driver* **N** *Single Wire*	**F** *6°-40°*	**9** *90*	**30** *3000K* **40** *4000K*	**BK** *Black*
				F *8°-40°*	**A** *97*		

Example : PL46FLD03-M-F930BK

Light Distribution

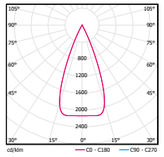
PL45F



PL45FLD01-M-F930 (Min)

0º Aiming Angle

D(M)	LUX	W	L
0.3	3777.8	0.054	0.054
0.6	944.44	0.108	0.108
1.2	236.11	0.216	0.216
2.4	59.03	0.432	0.432

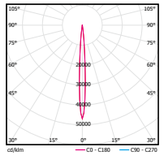


PL45FLD01-M-F930（Max）

0º Aiming Angle

D(M)	LUX	W	L
0.3	866.67	0.234	0.234
0.6	216.67	0.468	0.468
1.2	54.17	0.936	0.936
2.4	13.54	1.872	1.872

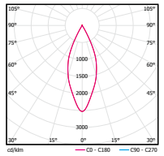
PL46F



PL46FLD03-M-F930 (Min)

0º Aiming Angle

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

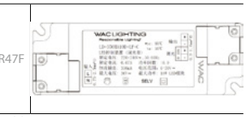


PL46FLD03-M-F930 (Max)

0º Aiming Angle

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

Accessories

Model	Description	Can match luminaires	PIC
MTB-CABLE-1000-BK	Special extension cable: it is used between MTB power splitter and me / sr47fld05-m series exhibition cabinet luminaires, with a total length of 1m and quick connect plugs at both ends	ME45F/SR45F/ME46F/SR46F/ME47F/SR47F	
4LD-350MA10D-LF-C	Input 220V ~ 240V AC / 50Hz, Output 350mA (power 4.5w), 6-30v, support 0-10V dimming, and drive 1-2 exhibition cabinet luminaires (in series). Size (L *W* H): 121 * 41 * 22mm	ME45F/SR45F/ME46F/SR46F/ME47F/SR47F	

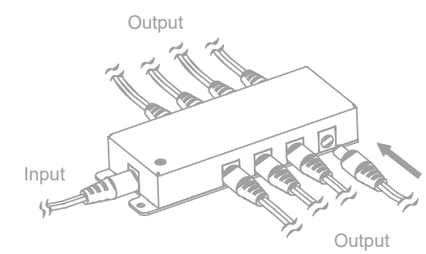
Note: the length of the input wire of the original luminaire is about 0.5m.
Special MTB power splitter and extension cord shall be ordered separately.

Note: the length of the input wire of the original luminaire is about 0.5m. special electrical components shall be ordered separately (4.5w), excluding cables

· MTB Power divider

LED-MTB

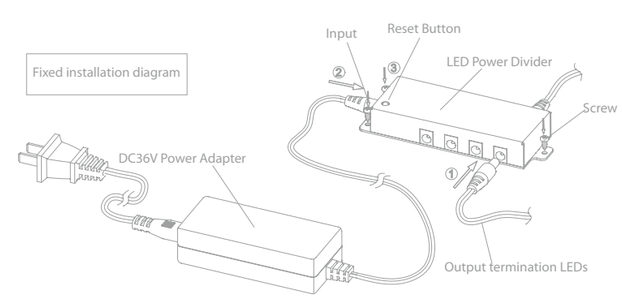
Model	Input	Description	Can match luminaires
MTB-350MA08D-BK	36V DC	36V DC input, 8 output current ports , 350mA(1W) On board and 0-10V dimming	ME/SR/PL45FLD
MTB-700MA08D-BK	36V DC	36V DC input, 8 output current ports , 700mA(2W) On board and 0-10V dimming	SLIR3FLD-M SLIR4FLD-M
MTB-1050MA08D-BK	36V DC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



· Function

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

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



· Color: BK - Black

VIVISTAR

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

Shanghai Astronomy Museum
Shanghai, China

Fiber Optic Lighting System

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

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

Model	CCT		Finish	
FO-I01LED	**30**	*3000K*	**BK**	*Black*

Example : FO-I01LED-30-BK-C

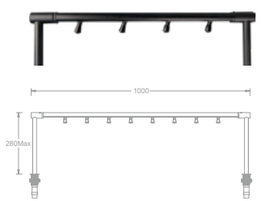
Fiber Optic Cable

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

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

The length is customized

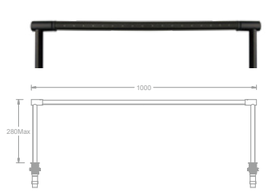
Optical Fiber Bar



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

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

Example : FO-BP01D-1001-BK

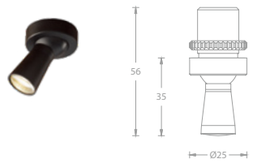


- Aluminum body, matte black finish
- The support bar utilizes premium optical fiber
- Both ends of the light
- Suitable for Φ10mm diameter fiber optic cable
- 44 per meter of the light point

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

Example :FO-B01D-1000-BK

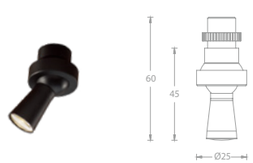
Luminaire Head



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

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

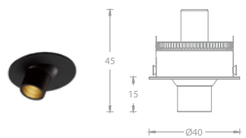
Example :FO-H01-N-BK-C



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

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

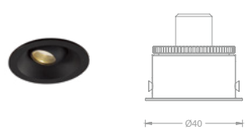
Example :FO-H02-N-BK-C



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

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

Example :FO-H03-10-BK-C



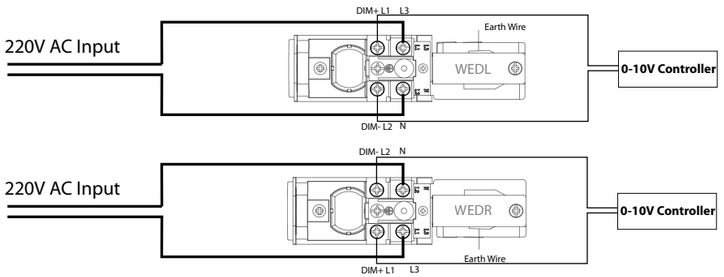
- Aluminum, matte black finish
- Optical lens
- Suitable for Φ2mm, Φ3mm and Φ4mm diameter fiber optic cable

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

Example :FO-H04-10-BK-C

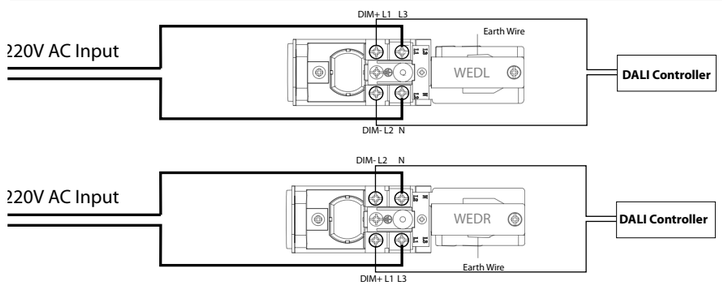
3-CRICUIT TRACK WIRING SCHEMATIC DIAGRAM

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



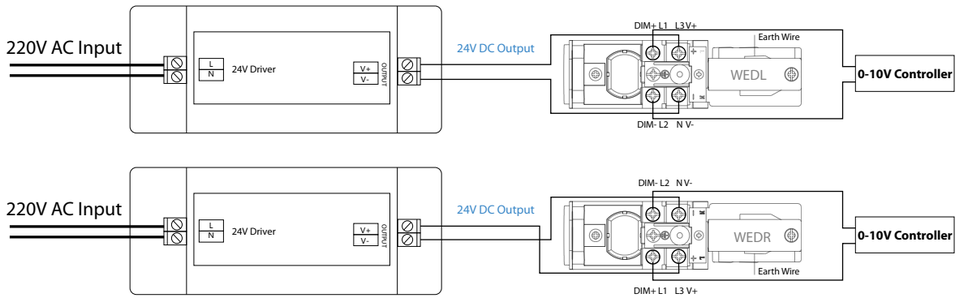
1.RVVP 2*1.0 signal cable is recommended.
2.Signal is low voltage input and cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole fixture.

DALI dimming control system (220V AC))



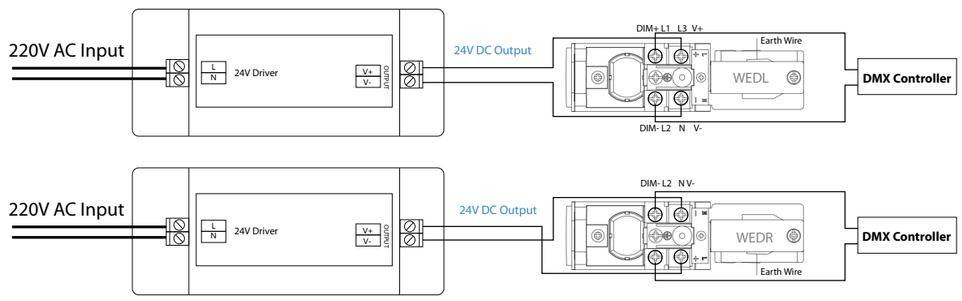
1.RVVP 2*1.0 signal cable is recommended.
2.Signal is low voltage input and cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole fixture.

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



1. Quantity of luminaires = system power * 0.8 / whole lamp power of a single lamp
2. RVVP 2*1.0 signal cable is recommended.
3. The signal is a low voltage input and cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole fixture.

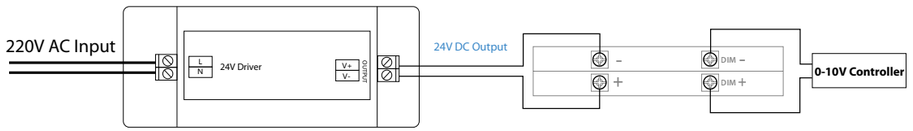
DMX dimming control system (24V DC)



1. Quantity of luminaires = system power * 0.8 / whole lamp power of a single lamp
2. RVVP 2*1.0 signal cable is recommended.
3. The signal is a low voltage input and cannot be directly connected to 220V AC. Wrong connection may damage the LED driver or even the whole fixture.

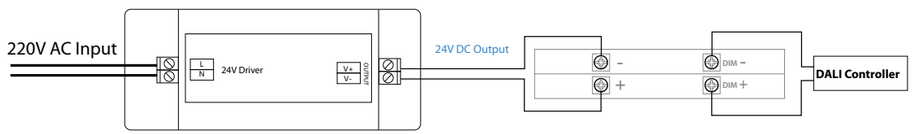
SHOWCASE WIRING SCHEMATIC DIAGRAM

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



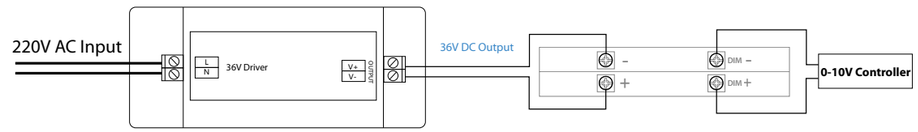
1. DC24V power supply selected according to the identification of the connected luminaire.
2. For the ON/OFF version, no wiring is required for signal + (DIM+) and signal - (DIM-).
3. The signals are low voltage inputs and cannot be connected directly to 220V AC. Incorrect connection may damage the LED driver or even the entire luminaire;
4. Please correctly distinguish between signal + (DIM+) and signal - (DIM-) for 0-10V dimming.

DALI dimming control system (24V DC))



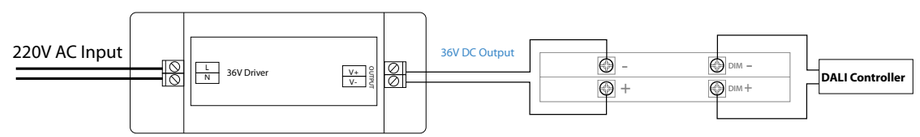
1. DC24V power supply selected according to the identification of the connected luminaire.
2. For the ON/OFF version, no wiring is required for signal + (DIM+) and signal - (DIM-).
3. The signals are low voltage inputs and cannot be connected directly to 220V AC. Incorrect connection may damage the LED driver or even the entire luminaire;
4. DALI dimming signals do not distinguish between positive and negative, both can be connected.

0/1-10V dimming control system (36V DC)



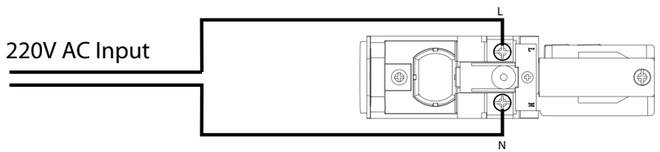
1. DC36V power supply selected according to the identification of the connected luminaire.
2. For the ON/OFF version, no wiring is required for signal + (DIM+) and signal - (DIM-).
3. The signals are low voltage inputs and cannot be connected directly to 220V AC. Incorrect connection may damage the LED driver or even the entire luminaire;
4. Please correctly distinguish between signal + (DIM+) and signal - (DIM-) for 0-10V dimming.

DALI dimming control system (48V DC))



1. DC36V power supply selected according to the identification of the connected luminaire.
2. For the ON/OFF version, no wiring is required for signal + (DIM+) and signal - (DIM-).
3. The signals are low voltage inputs and cannot be connected directly to 220V AC. Incorrect connection may damage the LED driver or even the entire luminaire;
4. DALI dimming signals do not distinguish between positive and negative, both can be connected.

J-TRACK WIRING SCHEMATIC DIAGRAM



CLASS I

CLASS II

CLASS III

Ambient Temperature
−20℃ −50℃

Ambient Temperature
−20℃ −40℃

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

Bluetooth

IP Rated

IP Rated

IP Rated

IP Rated

IP Rated

IP Rated

IP Rated

Patented SUBROSA®
Glare−free optical system

Patented LiteBrush® optical system

Patented MicroLattice® optical system

Adjustable color temperature

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Tel: 86.21.3393-3558

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WAC LIGHTING (Dongguan) Co., Ltd.
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Dongguan, Guangdong, China 523653
Tel: 86.769.8731-1200

2024.7

WAC International Sales Office - Dongguan