

WAC
MUSEUM & LIGHTING
博物馆与照明

2025

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01

ABOUT WAC

以责任，耀文明

照明是一种技术，驾驭灵感之光；
照明是一种艺术，焕发人文之美；
照明是一种责任，助您选择一种可持续的生活方式。

WAC 华格源自北美，深耕中国市场。将国际先进的照明技术，运用到国家级博物馆和艺术场馆中，赋予古物新生，并将博物馆照明技术延伸到酒店、商业、教育、办公、建筑、景观、住宅等领域。

以责任，耀文明，WAC 华格以博物馆级别的照明，点亮非凡空间！

WAC 全球

自 1984 年在纽约创立 WAC 品牌以来，一直秉持着“责任照明”的理念，用卓越的技术实力与杰出的领导能力，将品牌发展成全球领先的照明企业。在竞争激烈的照明领域，WAC 充分展现出坚韧不拔的创业意志，优质产品不断推陈出新，一次又一次引领照明科技的发展，研发出适应时代、技术革新的产品。

WAC 一直致力于提升行业设计与生产水平，坚持自主产品的研发与制造，在光学设计、结构开发、电子开发、研究、测试实验室以及生产设备的投入不断扩大，如今已然成长为独一无二的世界级照明品牌。

WAC 从最初根植于社区的小型企业，发展为如今拥有强大研发和生产实力的全球性公司，专注以最新的 LED 照明技术，持续为博物馆、高端酒店、商业、建筑、景观、住宅等领域提供多样化的照明解决方案。



WAC 中国

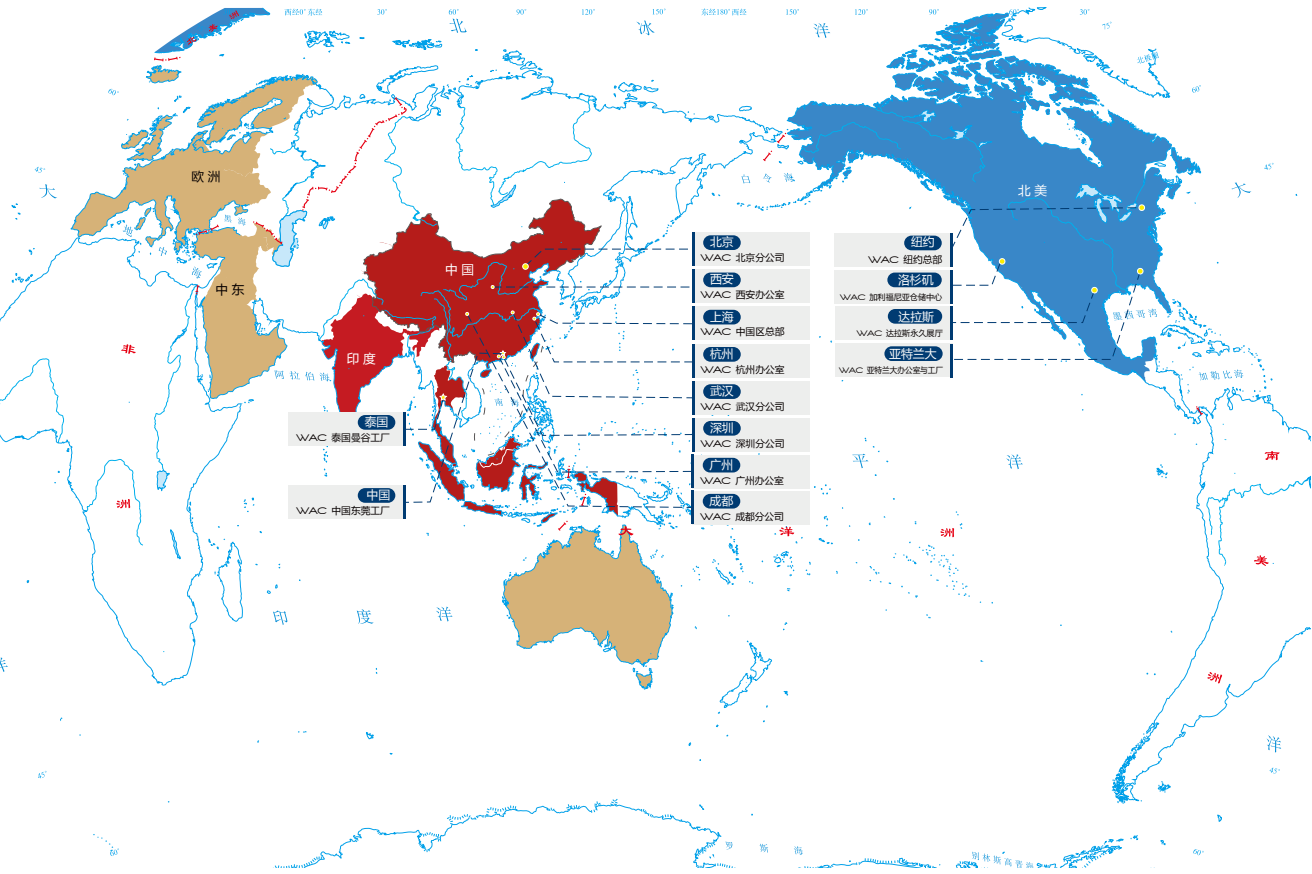
WAC 亚太区总部，成立于 2010 年，位于国际化大都市—上海，取名“华格”，寓意放眼世界，立足中国，以国际化视野与水准，打造中国的高品质照明。中国区总部设在上海，负责管理与市场开拓和销售网络有关的各项事务，在北京、深圳、成都、武汉、杭州、广州、西安设有完善的销售网络。

专业且充满热情的服务团队，给予空间高级定制般的灯光体验。以深厚的技术底蕴，为博物馆、高端酒店、商业、建筑、景观、住宅等空间提供可持续照明解决方案和技术应用。

秉持“行动本土化，思维全球化”的理念，WAC 华格在国内拥有专属的研发中心及工厂，以创新的技术、卓越的品质和一流的服务，为多元空间创造非凡的灯光体验。

发展历程

1984 年，从根植于社区的零售业起步，Tony 和 Tai Wang 在纽约创立了 WAC，后来我们相继在美国达拉斯、西岸加州建立永久展厅、分公司、办公室等，规模不断壮大，用杰出的领导力将集团发展成为如今全球领先的照明品牌。



1984年

美国纽约 NEW YORK



品牌成立

1993年

美国达拉斯 DALLAS



永久展厅

1997年

中国东莞 DONGGUAN



WAC首个全球生产制造基地

1998年

美国加利福尼亚 CALIFORNIA



西海岸分公司

2000年

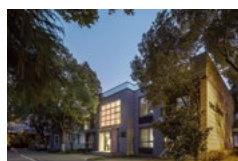
开拓中国市场



WAC在中国第一个博物馆项目

2010年

中国上海 SHANGHAI



亚太区总部
同时增设北京分公司、深圳、
武汉、成都、广州等办事处

2014年

美国亚特兰大 ATLANTA



分公司

2021年

泰国曼谷 BANGKOK



泰国生产基地投入生产

2024年

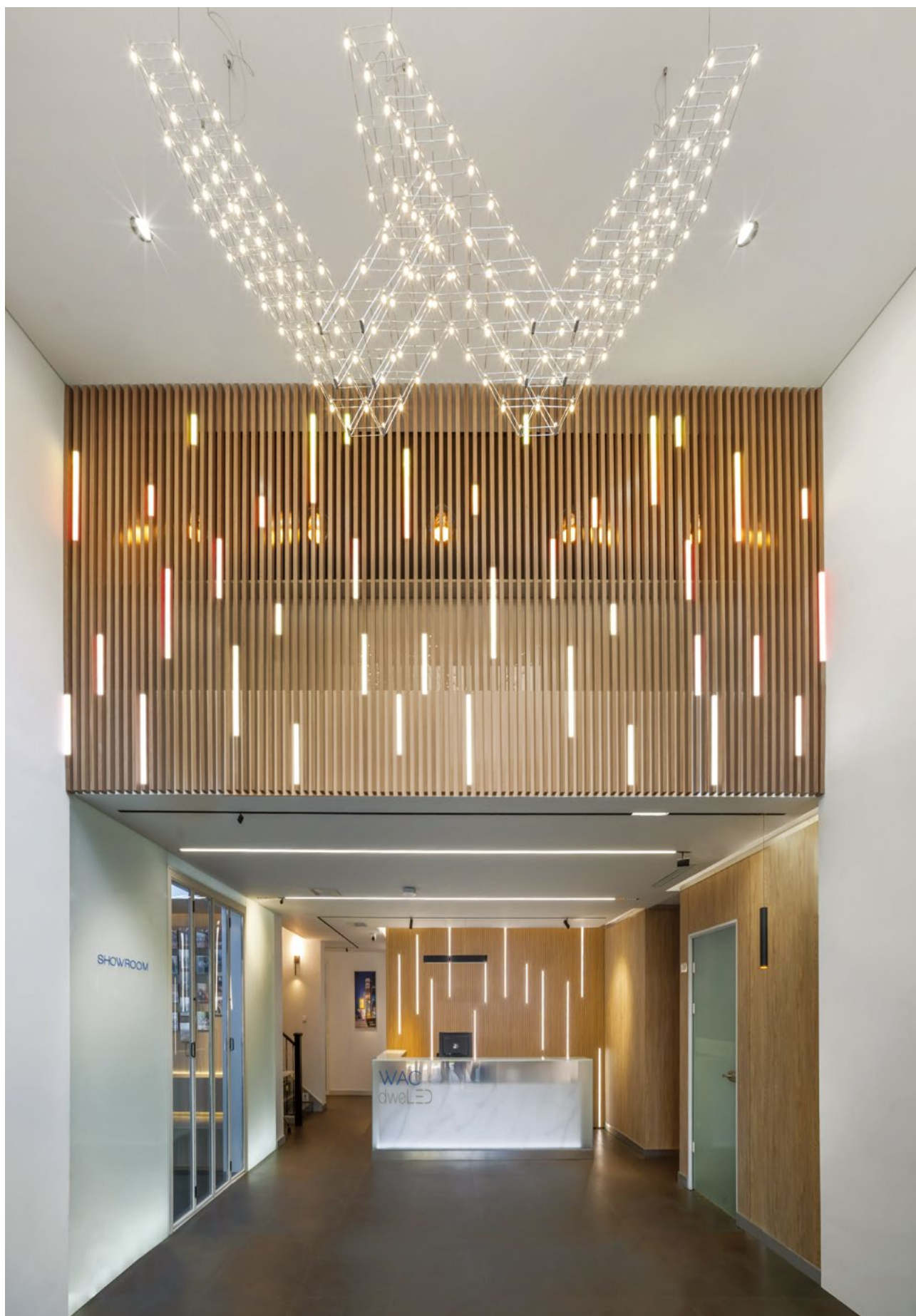
WAC 品牌成立四十周年

40 YEARS
OF
EXCELLENCE

四十年责任之路

SCHONBEK 1870

收购百年历史豪华水晶品牌
SCHONBEK

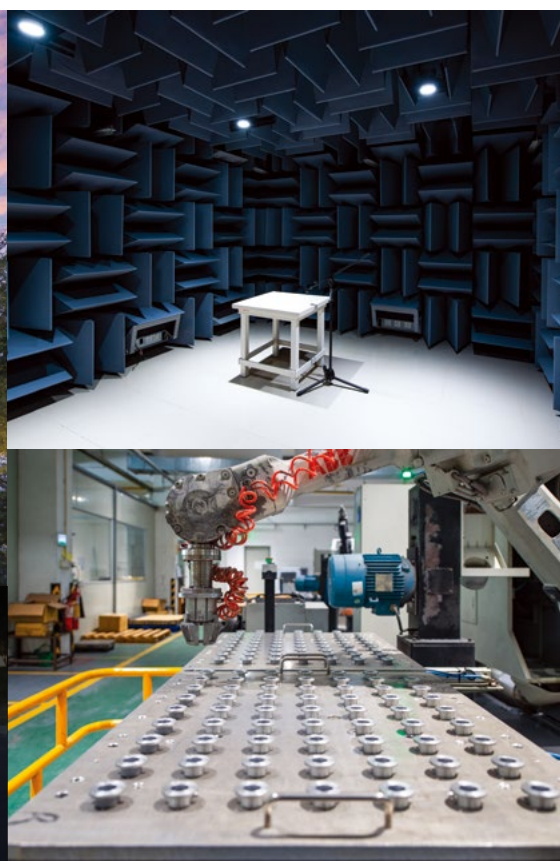


WAC 中国展厅

WAC 中国上海展厅，是一座融合了场景、产品、技术与氛围的综合性展示殿堂。在这里，不仅产品以最佳的姿态展现，场景也被精心设计，以匹配产品的使用环境和氛围。高科技元素的融入，使得展厅更具现代化与科技感，让参观者能够直观感受产品的前沿魅力。



生产制造

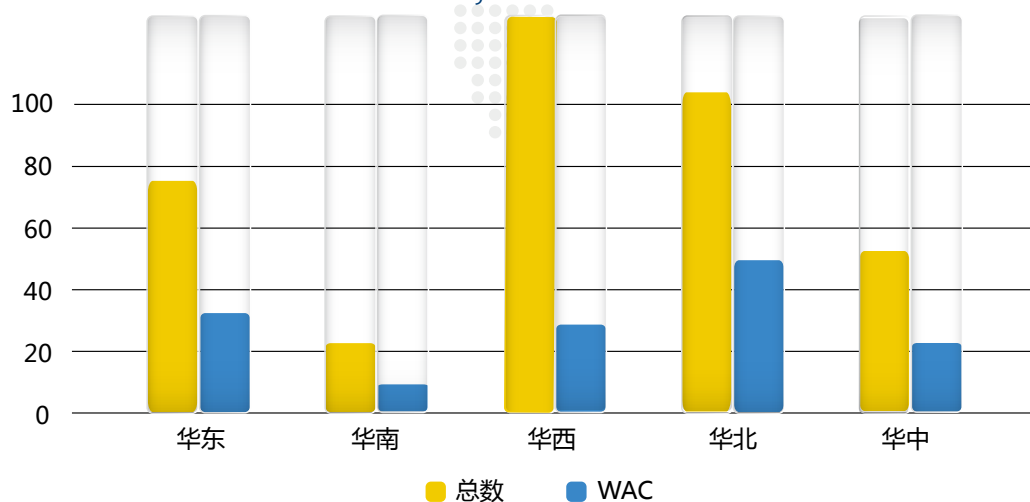


在展陈展示专业照明领域，WAC 在最高级别的一级博物馆中，市场占有率超过了 40%。



国家一级博物馆区域统计

First Class National Museum Projects



全球专利技术

360+ 专利

104+ 发明专利

含金量最高。“SUBROSA® 隐光科技”的发明专利在众多产品系列中成功运用

199+ 实用新型

众多实用新型专利成功运用在项目中，
获得业主以及设计师的认可

58+ 外观专利

极具辨识度的产品外观设计

工厂与实验室资质



ISO9001质量体系认证



CTC授权实验室认可



美国加州title24实验室认可



ISO14001 环境管理体系认证



美国国家NVLAP
实验室认可



美国UL
授权实验室认可



高新技术企业称号



ETL授权实验室认可



美国能源之星
实验室认可



绿色零碳工厂



中国CNAS
实验室认可

02

PROJECT CASES

博物馆

北京 北京法院博物馆
北京 北京警察博物馆
北京 北京鲁迅博物馆
北京 北京西藏博物馆
北京 北京月季博物馆
北京 故宫博物院
北京 牛栏山二锅头酒文化苑
北京 首都博物馆
北京 首钢博物馆
北京 中关村论坛
北京 中国党史馆
北京 中国第一历史档案馆新馆
北京 中国雕塑院
北京 中国妇女儿童博物馆
北京 中国共产党历史展览馆
北京 中国国家博物馆
北京 中国海关博物馆
北京 中国农业博物馆
北京 中国钱币博物馆
北京 中国人民革命军事博物馆
北京 中国人民抗日战争纪念馆
北京 中国铁道博物馆
北京 中国园林博物馆
北京 中央党校展厅
北京 北京奥运博物馆
北京 北京香山革命历史博物馆
北京 北京徐悲鸿纪念馆
北京 国家典籍博物馆
北京 皇城博物馆
北京 颐和园文昌院

北京 中国科学技术馆
北京 中国现代文学馆
北京 中宣部21工程党史馆
北京 周口店北京人遗址博物馆
重庆 大足石刻艺术博物馆
重庆 开州博物馆
重庆 万州三峡移民博物馆
重庆 云阳博物馆
上海 观复博物馆
上海 上海陈云纪念馆
上海 上海电影博物馆
上海 上海纺织博物馆
上海 上海禁毒博物馆
上海 上海美丽道美术馆
上海 上海民政博物馆
上海 上海闵行区博物馆
上海 上海震旦博物馆
上海 上海中心宝库匠心馆
上海 上海中医药博物馆
上海 吴昌硕纪念馆
上海 中国近代新闻出版博物馆
上海 中华艺术宫
上海 上海消防博物馆
上海 上海艺博馆
天津 国家海洋博物馆
安徽 安徽古生物化石博物馆
安徽 安徽博物院
安徽 安徽宣纸博物馆
安徽 含山博物馆
安徽 合肥名人馆

安徽 马鞍山博物馆
安徽 芜湖博物馆
福建 福州大学新校史馆
甘肃 兰州博物馆
广东 广东南越王宫博物馆
广东 广东省博物馆
广东 广州庐江书院
广东 惠州苏东坡博物馆
广东 深圳博物馆
广东 从化博物馆
广东 东莞钱币博物馆
广东 佛山南海博物馆
广东 广东金融博物馆
广东 广州博物馆
广东 广州辛亥革命纪念馆
广东 罗湖档案馆
广东 南汉二陵博物馆
广东 南头古城博物馆
广东 深圳当代艺术与城市规划馆
广东 深圳电影博物馆
广东 深圳金利珠宝展厅
广东 深圳市龙岗三馆
广东 深圳珠宝博物馆
广东 增城博物馆
广东 湛江军事博物馆
广东 招商局历史博物馆
广东 珠海横琴紫檀博物馆
广西 桂林博物馆
河北 沧州博物馆
河北 河北省博物馆

河北 迁安博物馆
河北 石家庄宝山收藏馆
河北 唐山隆达陶艺馆
河北 大厂民族宫
河北 邯郸文史馆
河北 廊坊博物馆
河北 唐山博物馆
河北 邢台博物馆
河北 中国大运河非物质文化遗产展示中心
河北 涿州博物馆
河南 河南杜甫纪念馆
河南 河南理想艺术城
河南 河南禹州钧官窑址博物馆
河南 洛阳博物馆
河南 新郑车马坑博物馆
河南 信阳博物馆
河南 许昌博物馆
河南 许昌塔文化博物馆
河南 中国文字博物馆
河南 河南博物院
河南 河南曹操墓
河南 黄河博物馆
河南 洛阳考古博物馆
河南 漯河博物馆
河南 隋唐大运河博物馆
河南 郑州博物馆
河南 郑州商都遗址博物院
黑龙江 侵华日军第七三一部队罪证陈列馆
黑龙江 大庆湿地博物馆
湖北 恩施博物馆

湖北 黄冈博物馆	江苏 江苏盐城湿地博物馆	内蒙古 鄂尔多斯博物馆	山西 运城博物馆
湖北 武汉博物馆	江苏 南京博物院	内蒙古 二连浩特恐龙博物馆	山西 山西博物院
湖北 湖北赤壁青砖茶展馆	江苏 南京城墙博物馆	内蒙古 河套文化博物馆	山西 太原博物馆
湖北 湖北省博物馆	江苏 南京大屠杀纪念馆	内蒙古 呼伦贝尔自然博物馆	陕西 渭南博物馆
湖北 荆门市博物馆	江苏 南京地税博物馆	内蒙古 满州里博物馆	陕西 西安博物馆
湖北 汝州青瓷博物馆	江苏 南京渡江胜利纪念馆	内蒙古 内蒙古博物馆	陕西 宝鸡炎帝故里
湖北 武昌农讲所旧址纪念馆	江苏 南京六朝博物馆	内蒙古 准格尔博物馆	陕西 大明宫遗址博物馆
湖北 武汉长江文明馆	江苏 南京堂子街博物馆	内蒙古 内蒙古自然博物馆	陕西 陕西城固博物馆
湖北 武汉长江自然馆	江苏 南京雨花台博物馆	内蒙古 内蒙古自然历史博物馆	陕西 陕西历史博物馆
湖北 宜昌党史馆	江苏 南京直立人化石遗址博物馆	内蒙古 内蒙古自治区包头稀土博物馆	陕西 神木市石峁遗址博物馆
湖北 张之洞博物馆	江苏 南通江海博物馆	内蒙古 乌兰察布博物馆	陕西 西安兵马俑博物馆
湖南 湘潭规划馆	江苏 泰州博物馆	内蒙古 中国契丹博物馆	陕西 延安革命纪念馆
湖南 长沙博物馆	江苏 无锡古运河博物馆	宁夏 固原博物馆	四川 成都博物馆
湖南 长沙党史馆	江苏 徐州博物馆	宁夏 宁夏西夏王陵博物馆	四川 德阳博物馆
湖南 湖南安化黑茶成果展示中心	江苏 宜兴博物馆	宁夏 宁夏博物院	四川 邓小平纪念馆
湖南 湖南常德博物馆	江苏 镇江博物馆	青海 玉树博物馆	四川 甘孜自治州民族博物馆
湖南 湖南省博物馆	江西 江西省博物馆	青海 青海海西大昆仑博物馆	四川 乐山大佛陈列馆
湖南 怀化王有为纪念馆	江西 九江市博物馆	青海 青海省博物馆	四川 攀枝花博物馆
湖南 韶山毛主席纪念馆	江西 南昌八一起义纪念馆	山东 烟台登州博物馆	四川 北川地震纪念馆
吉林 长春伪满皇宫博物院	江西 宜春市博物馆	山东 登州古船博物馆	四川 成都规划馆
吉林 中国光学博物馆	江西 吉水先贤文化园/进士文化园	山东 济南战役纪念馆	四川 成都武侯祠博物馆
吉林 延吉恐龙博物馆	江西 景德镇御窑博物馆	山东 孔子博物馆	四川 广汉三星堆遗址博物馆
江苏 涟水博物馆	江西 南昌汉代海昏侯国遗址博物馆	山东 临沂博物馆	四川 李白纪念馆
江苏 南京牛首山佛顶宫	江西 南昌军事装备展示中心轻武器展示馆	山东 蓬莱古船博物馆	四川 芦山博物馆
江苏 孙中山博物馆	江西 南昌滕王阁	山东 青岛博物馆	四川 罗家坝遗址博物馆
江苏 太平天国历史博物馆	辽宁 锦州博物馆	山东 青州博物馆新馆	四川 四川博物院
江苏 中国科举博物馆	辽宁 抗美援朝纪念馆	山东 山东博物馆	四川 四川大学博物馆
江苏 常州博物馆	内蒙古 阿拉善博物馆	山东 山东廉政教育博物馆	四川 四川遂宁博物馆
江苏 淮安市规划馆	内蒙古 成吉思汗文化遗产博物馆	山西 永济博物馆	四川 遂宁宋瓷博物馆
江苏 江苏南京江北高新区市民展览馆	内蒙古 敕勒川博物馆		四川 汶川特大地震科普馆

博物馆

四川 雅安博物馆	浙江 杭州工艺美术博物馆
四川 宜宾博物馆	浙江 杭州江南运河诗词馆
四川 宜宾屏山县博物馆	浙江 杭州京杭大运河博物馆
四川 自贡恐龙博物馆	浙江 杭州围棋博物馆
新疆 乌鲁木齐市博物馆	浙江 嘉善博物馆
新疆 新疆军垦博物馆	浙江 嘉兴博物馆
新疆 新疆喀什博物馆	浙江 嘉兴沈钧儒纪念馆
云南 云南博物馆	浙江 良渚博物院
云南 德宏傣族景颇族自治州博物馆	浙江 临安博物馆
云南 昆明博物馆	浙江 南湖革命纪念馆
浙江 慈溪党史馆	浙江 宁波奉化博物馆
浙江 慈溪科技馆	浙江 衢州博物馆
浙江 富阳博物馆	浙江 瑞安博物馆
浙江 杭州西湖博物馆	浙江 绍兴博物馆
浙江 金华博物馆	浙江 温岭博物馆
浙江 南宋官窑遗址博物馆	浙江 浙江淡水鱼博物馆
浙江 宁波博物馆	浙江 浙江地质博物馆
浙江 宁波茶文化博物馆	浙江 浙江海盐博物馆
浙江 宁波鄞州革命纪念馆	浙江 浙江绍兴气象博物馆
浙江 问道刘基博物馆	浙江 浙江自然博物馆
浙江 西湖博物馆	浙江 中国茶叶博物馆
浙江 浙江东阳木雕博物馆	浙江 中国动漫博物馆
浙江 浙江民俗艺术博物馆	浙江 中国江南水乡文化博物馆
浙江 浙江省博物馆	浙江 中国湿地博物馆
浙江 浙江自然博物馆	
浙江 中国港口博物馆	
浙江 中国丝绸博物馆	
浙江 安吉古城遗址博物馆	
浙江 富春山博物馆	
浙江 杭州德寿宫	

美术馆

北京 北京民生现代美术馆	河北 科技大学美术馆
北京 北京君美术馆	河南 河南美术馆
北京 空军指挥学院美术馆	河南 河南濮阳云起家俱美术馆
北京 铭心堂美术馆	河南 郑州美术馆
北京 央美术馆	河南 郑州吴行美术
北京 中国工艺美术馆	黑龙江 黑龙江美术馆
北京 中间美术馆	湖北 武汉理工大学艺术馆
北京 北京山水美术馆	湖北 武汉美术馆 (琴台馆)
北京 北京筑中美术馆	湖北 武汉琴台美术馆
北京 韩美林美术馆	江苏 宜兴美术馆
北京 中国美术馆	江苏 江苏宜兴大觉寺美术馆
上海 上海嘉定美术馆	江苏 南京德基美术馆
上海 上海龙美术馆	江苏 南京江北美术馆
上海 上海美丽道美术馆	江苏 南京美术馆新馆
上海 上海喜马拉雅美术馆	江苏 南京紫金文创园美术馆
上海 艺博M50美术馆	江苏 南通美术馆
天津 天津美术学院美术馆	江西 南昌恒茂美术馆
天津 天津美术学院美术馆	内蒙古 内蒙古现代美术馆
安徽 宿州美术馆	山东 济南韩美林艺术馆
福建 浦城美术馆	山东 济南美术馆
广东 骏丰美术馆	山东 青岛美术馆
广东 岭南画院美术馆	山东 日照美术馆
广东 深圳关山月美术馆	山东 山东美术馆
广东 深圳雅昌美术馆	山西 大同美术馆
广东 旭升美术馆	陕西 西安曲江美术馆
广东 艺海堂美术馆	陕西 西安美术馆
广东 广州美术馆新馆	四川 成都蓝顶美术馆
广东 岭南美术馆	四川 当代美术馆
广西 广西美术馆	四川 四川美术馆
河北 石家庄美术馆	四川 成都过隙美术馆

四川 成都金融创新中心
美术馆
四川 四川大学美术馆
四川 遂宁美术展厅
新疆 新疆美术馆
浙江 杭州赛丽美术馆
浙江 木心美术馆
浙江 西湖美术馆
浙江 中国美院美术馆
浙江 光达美术馆
浙江 杭州韩美林艺术馆

科技馆/天文馆/图书馆

上海 上海松江区文化馆新馆图书馆分馆
上海 上海天文馆
上海 上海图书馆东馆
福建 莆田市科技馆
福建 泉州科技馆
湖北 武汉中建科技馆
湖北 襄阳科技馆
江苏 南京江北图书馆
内蒙古 乌兰察布科技馆
山东 青岛科技馆
山东 日照科技馆
四川 遂宁图书馆
浙江 浙江金华科技馆

文化类

重庆 重庆武隆静心寺
重庆 重庆武隆懒坝大地艺术
江苏 南京牛首山
山东 曲阜尼山圣境儒宫
云南 云南松赞林寺

排名不分先后



仁德大隆

建筑面积：约 72.36 万 m²

建筑地址：中国北京

The Palace Museum

故宫博物院





世界白銀的流向 Flow of silver in the world

整個晚明時期，從日本流入中國的白銀大概有3,000萬兩以上；其中一半是經過澳門流入內地的，同時在西班牙探獲的美洲、有臺灣2億多兩的銀兩也流入中國，相當一部分都是通過澳門流入內地。



Throughout the late Ming Dynasty, more than 30 million taels of silver flowed into China from Japan, half of which flowed into the mainland through Macao. In the Americas explored by Spain, more than 200 million taels of silver flowed into China, a considerable part of which flowed into the mainland through Macao.

孕育
Development



Poly MGM Museum
保利美高梅博物馆

建筑面积: 0.2 万 m²

建筑地址: 中国澳门



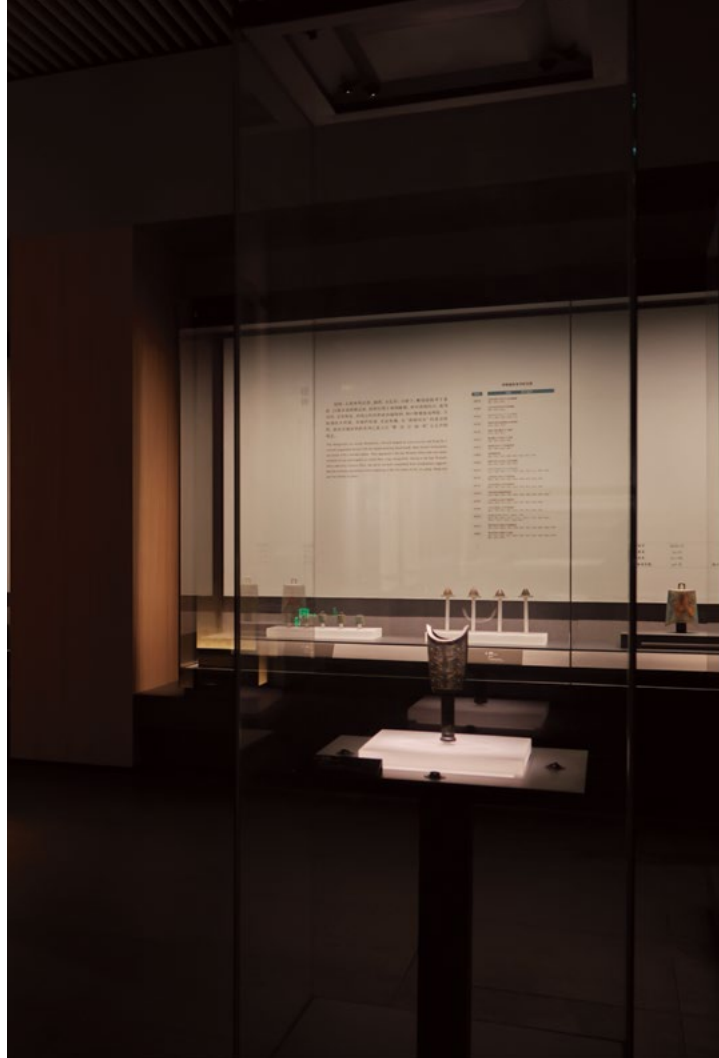
湖北出土的早期乐器

建筑面积：11.4 万 m²

建筑地址：湖北省武汉市武昌区东湖路 160 号

Hubei Provincial Museum

湖北省博物院

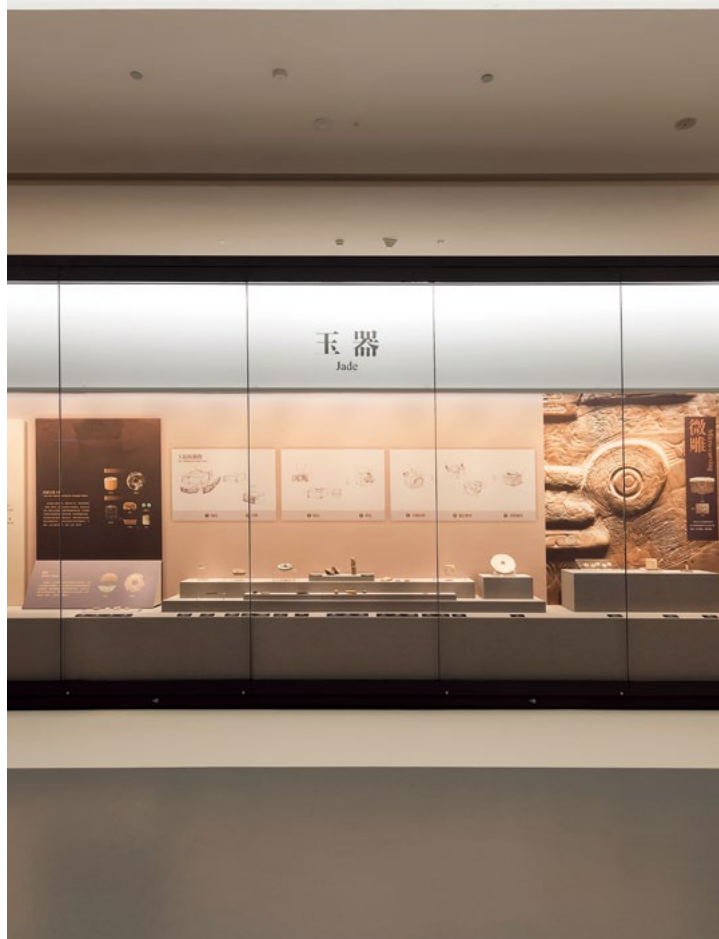




建筑面积：1万 m²

建筑地址：浙江省杭州市

Liangzhu Museum
良渚博物院





建筑面积：2 万 m²

建筑地址：浙江省杭州市

Zhejiang Literary Center
浙江文学馆





西居

寻山

SEEKING MOUNTAIN DWELLINGS

乐活木雕

乐活黄杨木雕

建筑面积：3.5 万 m²

建筑地址：浙江省杭州市

Zhejiang Intangible Cultural Museum

浙江省非物质文化遗产馆





建筑面积：1.07 万 m²

建筑地址：浙江省杭州市

The Beijing-Hangzhou Grand Canal Museum

中国京杭大运河博物馆





建筑面积：6.1万 m²

建筑地址：浙江省湖州市

Zhejiang Natural History Museum, Anji branch

浙江自然博物馆安吉馆



第三章 天下窑都

官窑的设立、窑种技术与人才的集成、知识分子与匠人共同参与生产、对国内外技术的引进和吸收、近乎严苛的生产与管理制度等，这些要素使得宋代制度成为中国古代生产技术的研究者和生产实践的主簿籍。而明清御窑的相继设立还持续推动了景德镇陶瓷业的繁荣。到了17至19世纪，开放而位处的景德镇成为世界开用瓷的主要供应地，也是生产技术的输出地，成就了景德镇“天下窑都”之名。

Chapter 3 Porcelain Capital of the World

Due to the investment of the court, the integration of various technologies and talents, the participation of intellectuals and craftsmen in production, the introduction and absorption of domestic and foreign technologies, and the strict production and management system, these factors made the Song Dynasty's system become the main research and production practice of ancient Chinese production technology. The subsequent establishment of the Imperial Kilns in Ming and Qing dynasties also continued to promote the development of Jingdezhen's ceramic industry. From the 17th century to the 19th century, Jingdezhen became the main supplier of porcelain and the output of porcelain production technology to the world, which contributed to Jingdezhen's reputation as the "Porcelain Capital of the World".

天下窑都

景德镇陶瓷业的发展，离不开历代帝王、文人士大夫、工匠、商人的共同努力。从宋代官窑的设立，到明清御窑的相继设立，景德镇陶瓷业不断繁荣。到了17至19世纪，景德镇成为世界开用瓷的主要供应地，也是生产技术的输出地，成就了景德镇“天下窑都”之名。





Jingdezhen Imperial Kiln Museum
景德镇御窑博物馆

建筑面积: 1.04 万 m²

建筑地址: 江西省景德镇市

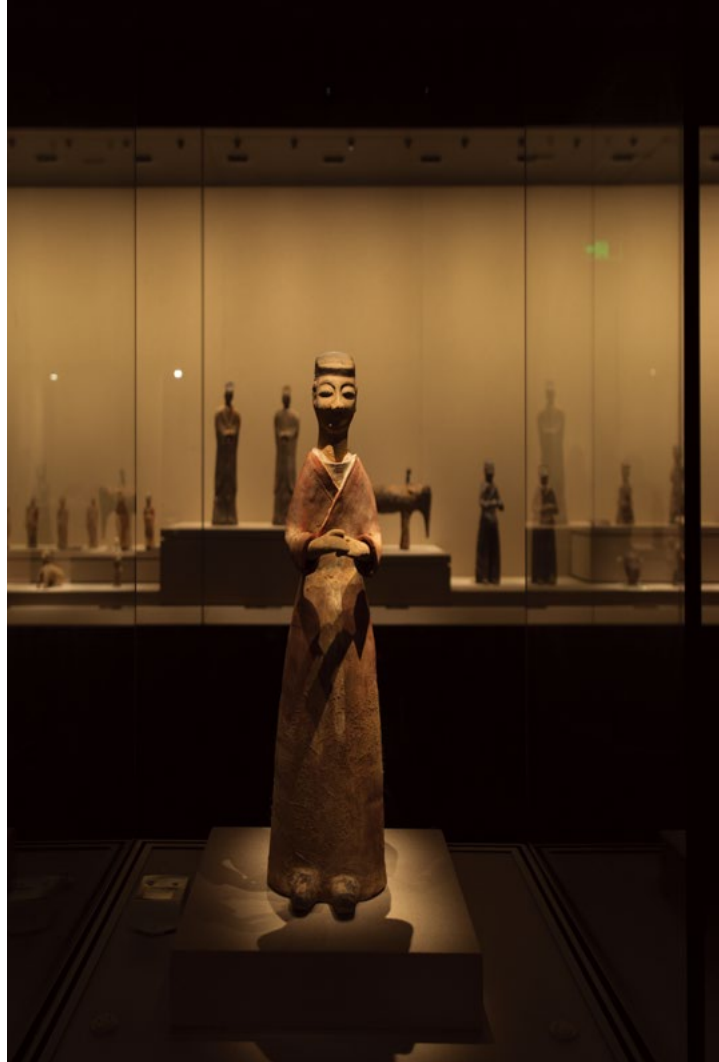


建筑面积：2.7 万 m²

建筑地址：江苏省徐州市

Xuzhou Museum

徐州博物馆





建筑面积：7.5 万 m²

建筑地址：河南省郑州市

Zhengzhou Shang Dynasty Site Museum

郑州商都遗址博物院





建筑面积：6.2 万 m²

建筑地址：河南省洛阳市

LuoYang Museum
洛阳博物馆



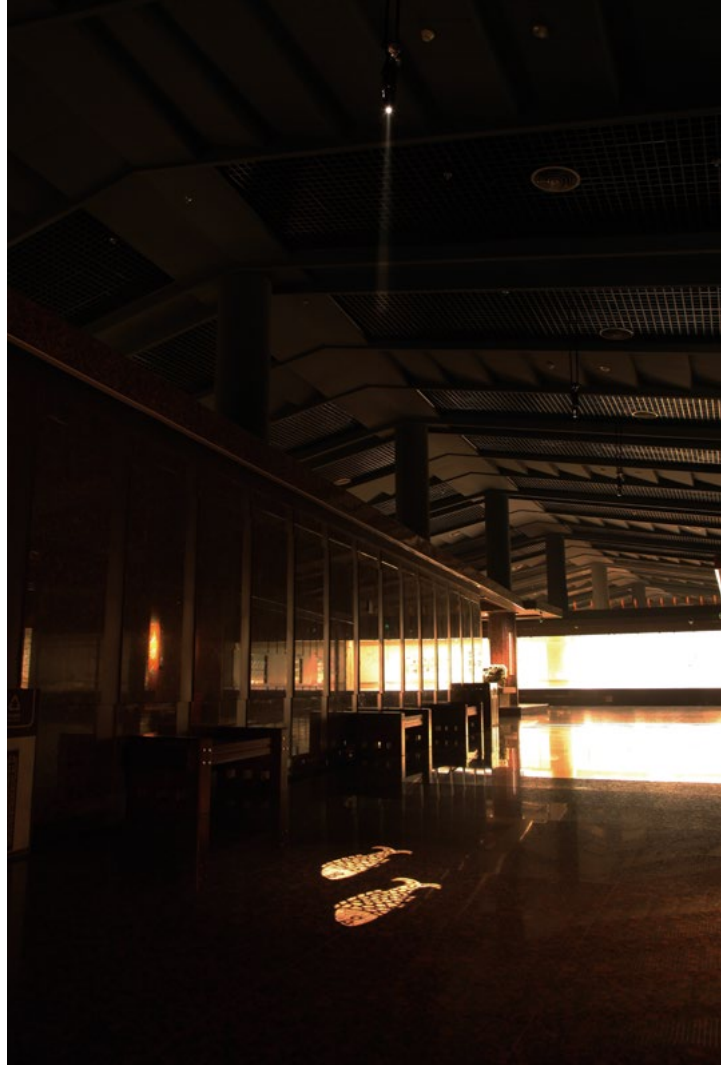


建筑面积：5.44 万 m²

建筑地址：四川省广汉市

Sanxingdui Museum

三星堆博物馆







Nanjing Niushou Mountain 南京牛首山

建筑面积：13.6 万 m²

建筑地址：江苏省南京市





建筑面积：2 万 m²

建筑地址：安徽省池州市

Jiuhuashan Dayuan Buddhist Culture Park

九华山大愿文化园

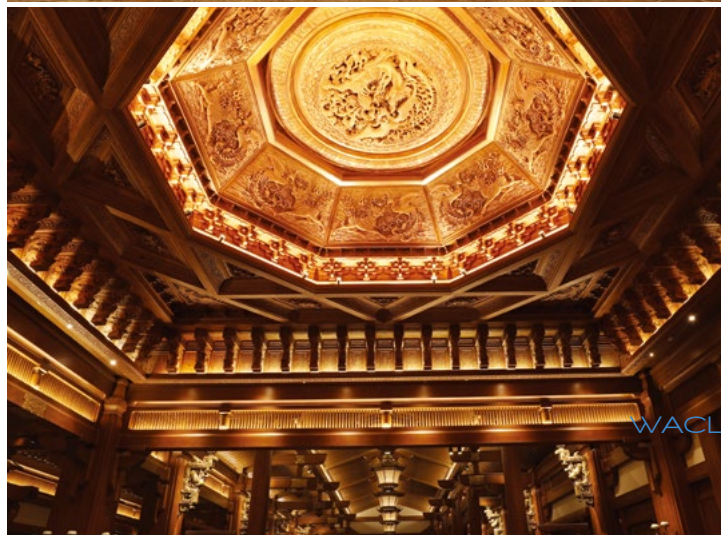
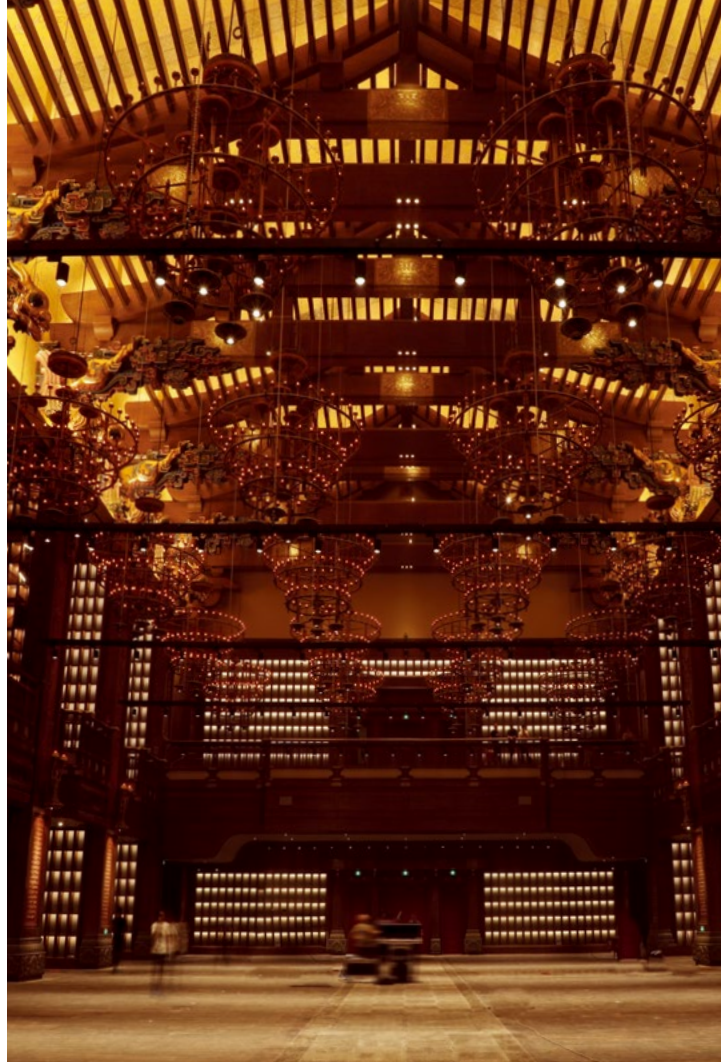




建筑面积：7万 m²

建筑地址：山东省曲阜市

Confucian Palace in Nishan Holy Land
尼山圣境大学堂

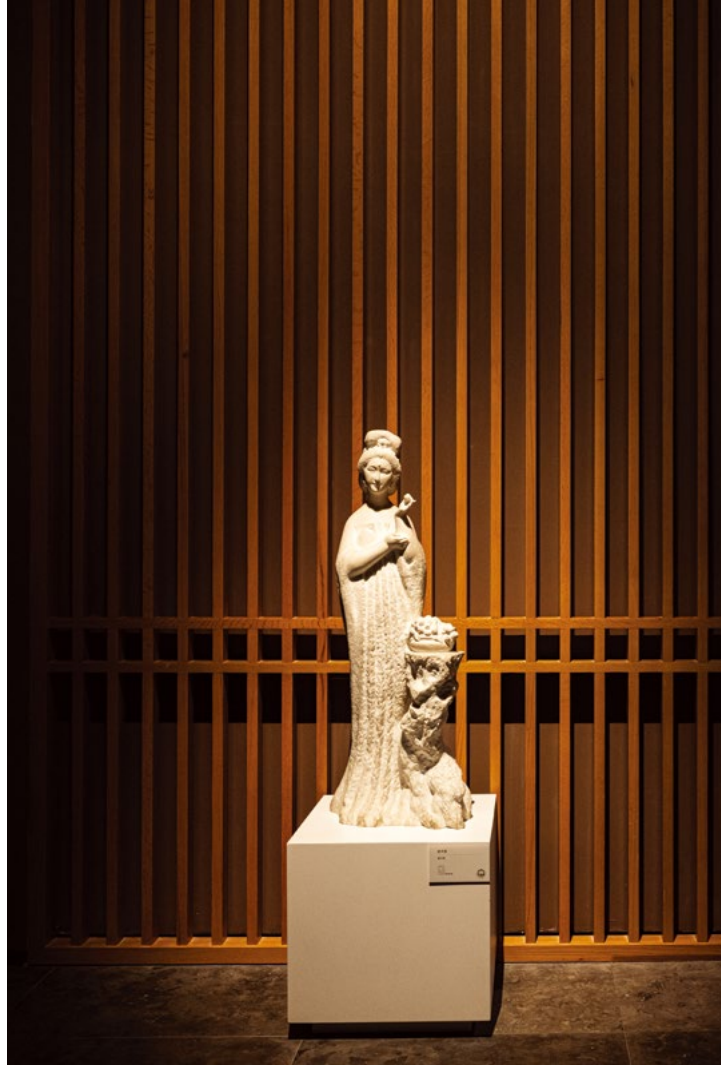




建筑面积：4.03 万 m²

建筑地址：广东省广州市

Guangzhou Museum of Art (New Hall)
广州美术馆(新馆)





建筑面积：2.3 万 m²

建筑地址：河南省郑州市

Zhengzhou Art Museum (New Hall)
郑州美术馆(新馆)



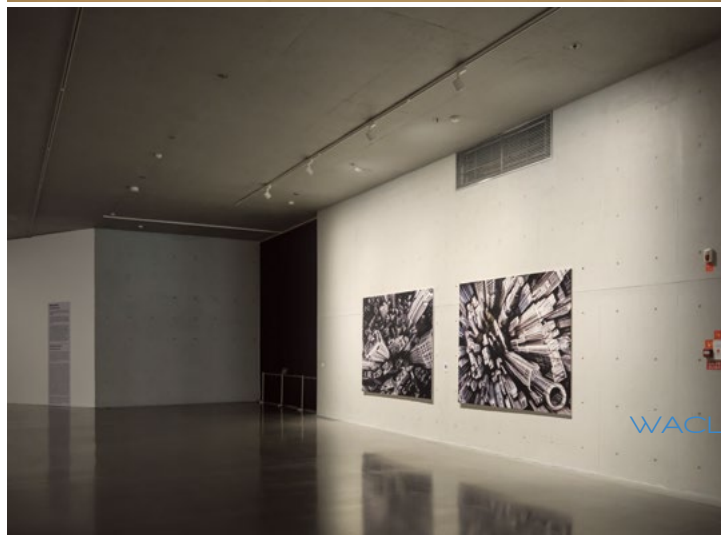
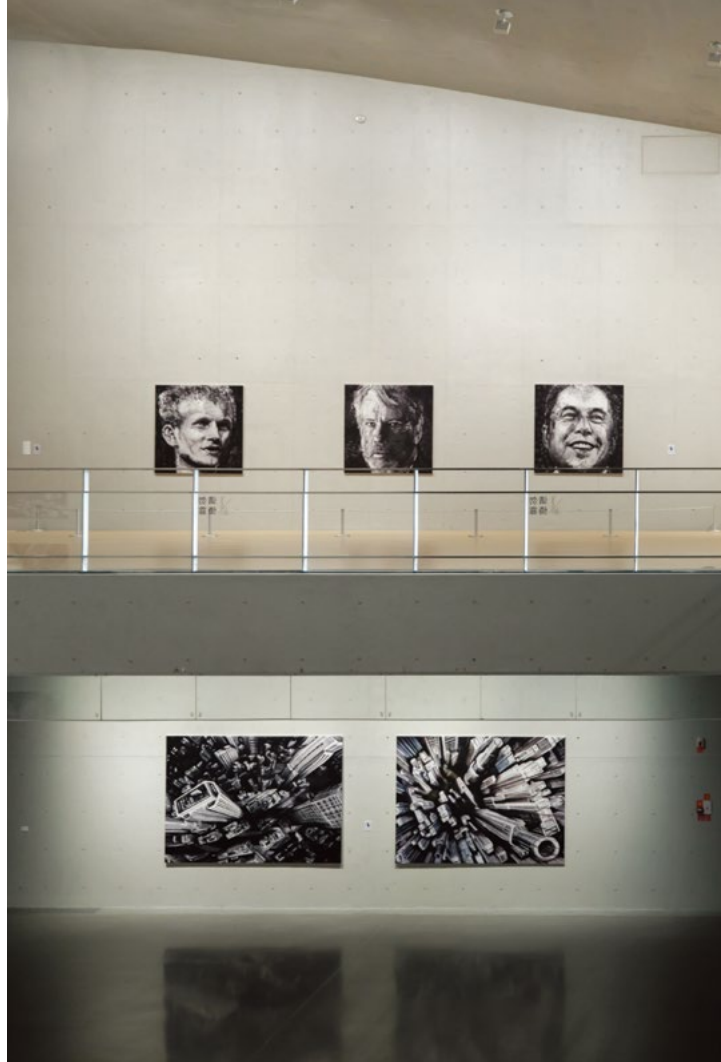


建筑面积：4.3 万 m²

建筑地址：湖北省武汉市

Wuhan Art Museum (Qintai)

武汉美术馆(琴台馆)





建筑面积：10 万 m²

建筑地址：江苏省江阴市

Heilan Gallery 江阴海澜美术馆





建筑面积：3.77 万 m²

建筑地址：中国上海

Shanghai Astronomy Museum

上海天文馆



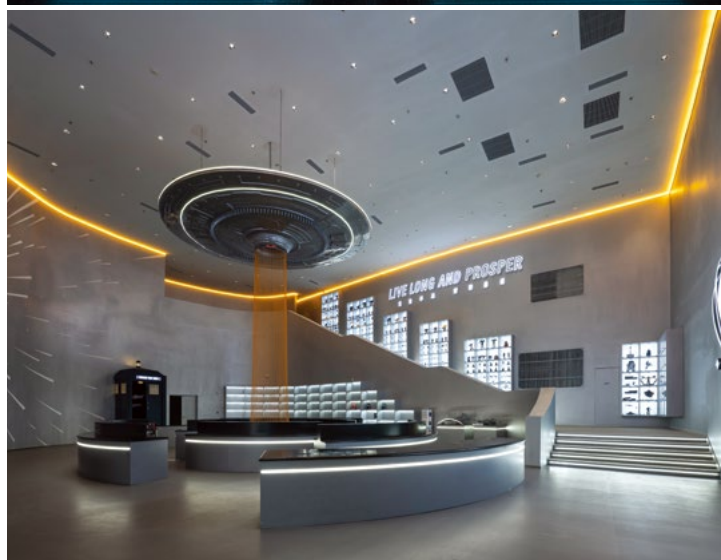


建筑面积：5.96 万 m²

建筑地址：四川省成都市

Chengdu Science Fiction Museum

成都科幻馆





1996年

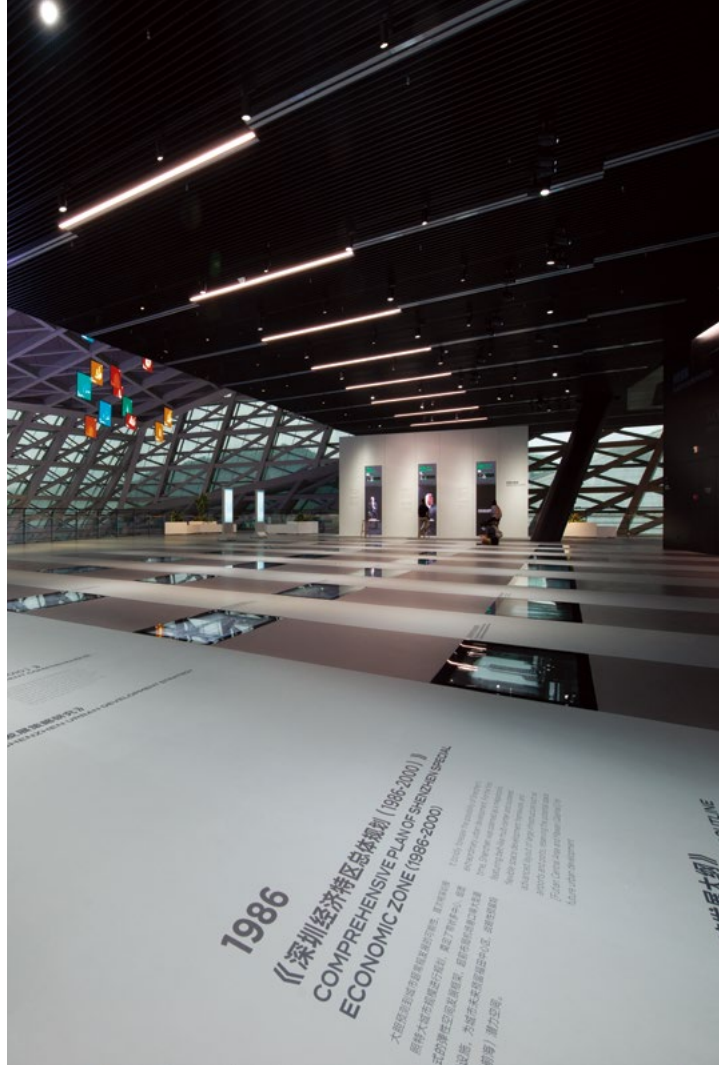
IN 1996

城市次中心: 南山中心区, 宝安中心区, 龙岗中心城
URBAN SUB-CENTRE: NANSHAN CENTRAL DISTRICT, BAOAN CENTRAL DISTRICT, LONGGANG CENTRAL CITY
龙华新城, 沙头角-盐田, 沙井, 坪山。
LONGHUA NEW CITY, SHA TAU KOK-YANTIAN, SHAJING, PINGSHAN

建筑面积：9.1万 m²

建筑地址：广东省深圳市

Shenzhen Museum of Contemporary Art and Urban Planning 深圳当代艺术与城市规划馆





建筑面积：20 万 m²

建筑地址：江苏省南京市

Imperial Examination Museum of China

中国科举博物馆



03

MUSEUMS
&
LIGHTING



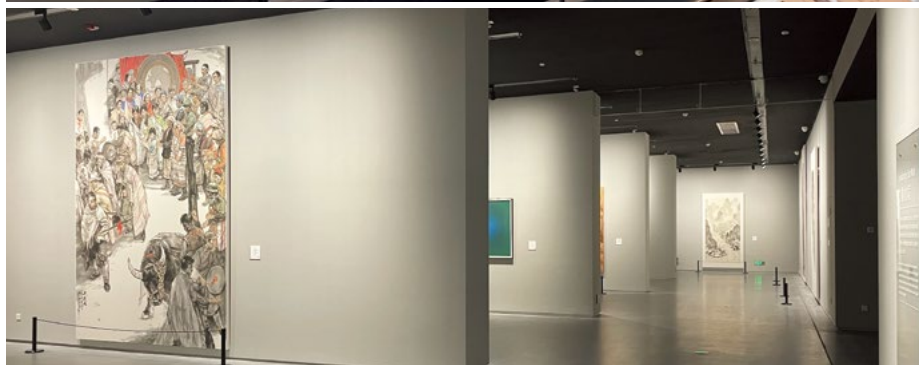
博物馆类型

博物馆，一般是为社会服务的非营利性常设机构，它主要研究、收藏、保护、阐释和展示物质与非物质遗产。向社会公众开放，具有可及性和包容性，促进多样性和可持续性。通过以符合道德且专业的方式进行运营和交流，并在社区的参与下，为教育、欣赏、深思和知识共享提供多种体验。

博物馆是一个国家或地区文化发展的重要标志，它的建立是为百姓托管并留存历史的印记，同时将它们更好的展示出来，以便后人透过这些真实的物件回顾和感知历史的重要时刻。博物馆的类型是多元化的，这里我们大致的分为：历史博物馆、艺术博物馆、科学博物馆与主题馆等。



历史博物馆



艺术博物馆



科学博物馆



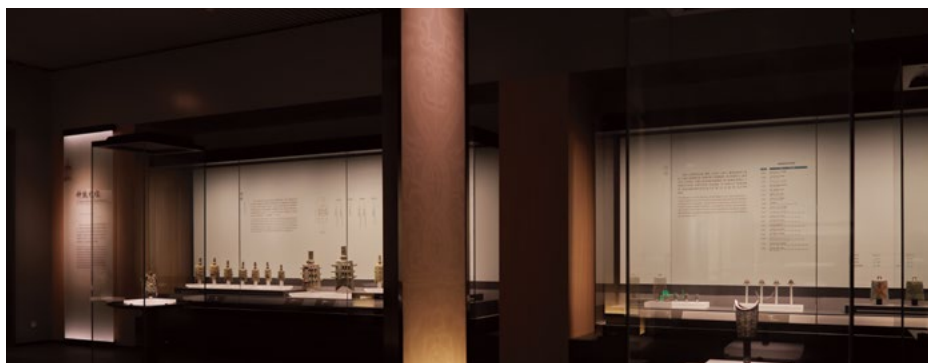
主题馆

博物馆照明

随着社会的多元发展，今天的博物馆已形成多职能的文化复合体，它不仅要满足大众的欣赏和研究，还需要使用全世界通用的标准来彰显专业伦理。

因此，越来越多的专业人士和团队参与到博物馆的建设当中。而这其中，决定着博物馆的光环境与空间艺术效果的照明设计，显得尤为重要。探讨博物馆照明，其涉及范围至少应包括展柜照明、展示空间照明、公共空间照明、建筑立面与景观照明等。

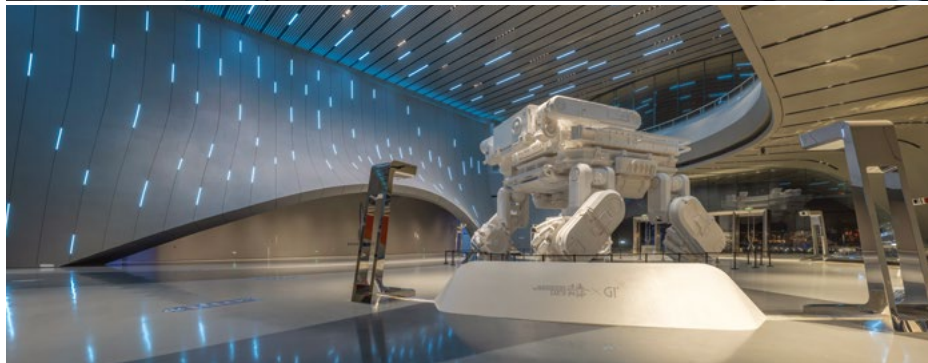
展柜照明



展示空间照明



公共空间照明

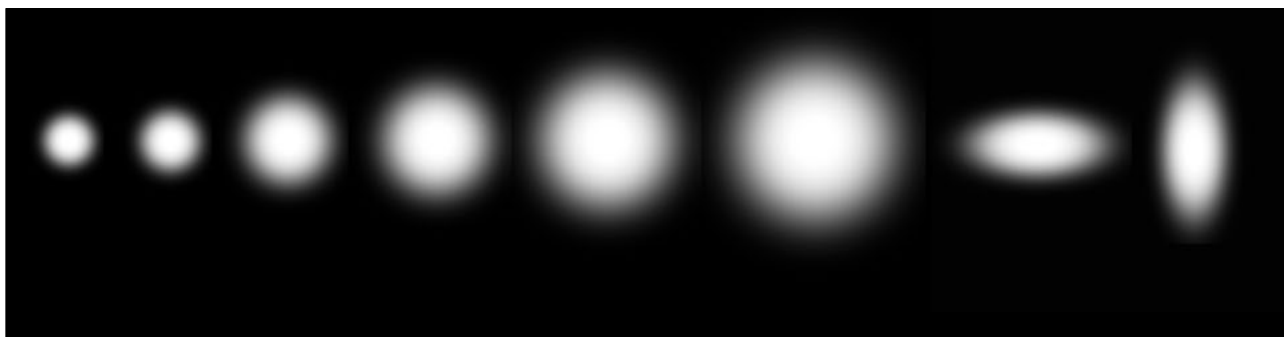


建筑立面与景观照明



重点照明

重点照明是博物馆照明的基础，吸引——展示——解读——联想，是重点照明作用的四个阶段，是博物馆中无声的引导者和解说员。



在重点照明里，最常用到的是轨道射灯。对于这些轨道射灯，精准控光一直是我们作为首要考虑的环节。例如在对称配光方面，我们都会配置齐全的光束角，便于应对在项目中的不同需求。例如中国国家博物馆，在这样一个尺度非常大的展厅空间，有大画幅、中画幅、以及较小尺寸的立体陈列品等，就需要将不同光束角的产品进行组合应用。

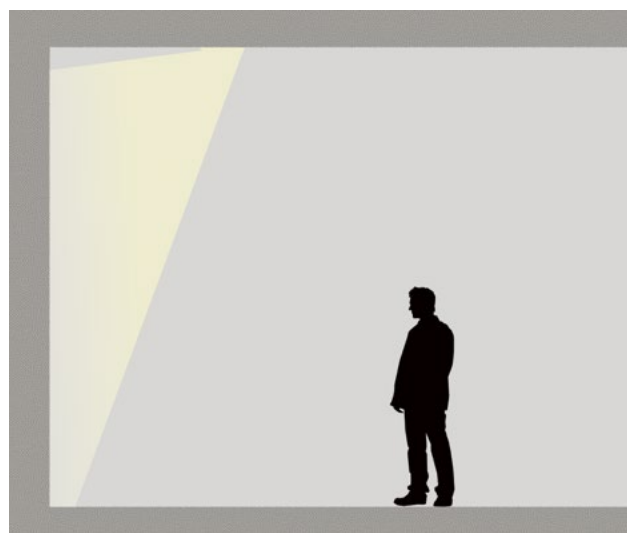
洗墙照明

洗墙照明往往是对光学设计要求最高的照明系统，需要全面考虑光在空间全方向上的分配，灯具与灯具，灯具与空间之间的关联，以及可能产生的眩光干扰。

而高质量的洗墙照明系统能带来令人惊艳的视觉体验，整体墙面犹如清水洗濯，明亮而舒适，干净而清透。



人类直观地感知空间维度主要依赖于垂直表面，这些表面占据了我们的视野的主体，为视觉感知提供了不可或缺的信息。因此，能够创造空间感的照明设计，无疑是高品质建筑照明中不可或缺的核心要素。



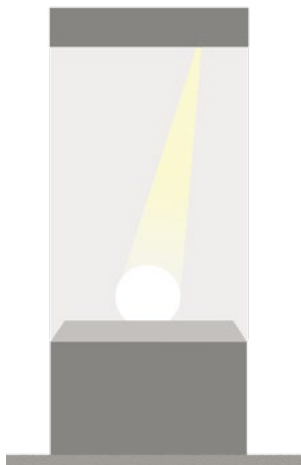
展柜照明

穿透力，作为光的天赋之能，无论是在展柜之内还是之外，只要光源被精准定位，它便能凭借这份穿透力，开启一场无懈可击的照明盛宴，让每一处都沐浴在完美的光辉之中。

独立柜照明

在光线柔和的博物馆里，很多时候展柜就成了视觉中心。而展柜特殊性在于展品的陈列需要独特的展柜照明来和其它展室形成鲜明对比，如展览室中暖色调的总体照明环境和冷色调的展柜内照明共同创造了出了一种迷人的氛围。通常将展柜的照明设计分为灯具内置型与灯具外置型。

灯具内置



灯具外置



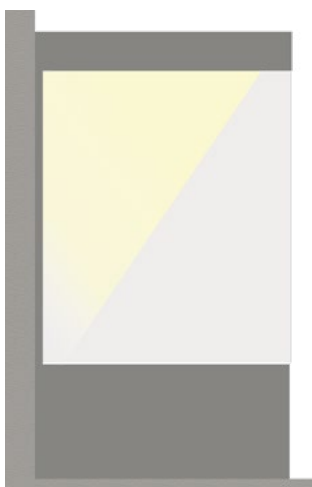
通柜照明

根据通柜展柜内展品尺寸特点，WAC 可提供极窄角度至中大角度等多种对称配光，洗墙配光或多种组合方式，可满足重点照明和洗墙照明需求。

重点照明



陈列洗墙



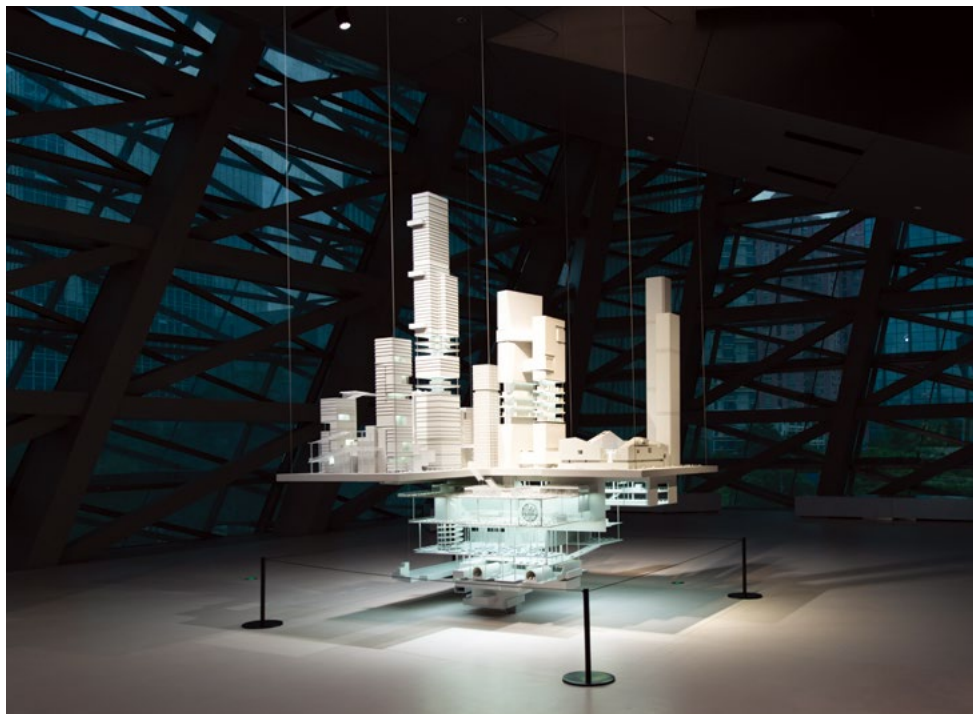
立体展示照明

立体展示照明

采用立体展示照明时，需要有作画的思维，落笔时笔触有轻有重，对应展品表现出的虚实层次。不同方向，不同强度，不同范围的光相互结合，对于展品的表达各有不同同，也由此引发观众的不同情绪和联想，使展陈更具沉浸感。



故宫博物院 慈宁宫
- 佛像



深圳当代艺术与城市规划馆
- 模型

场景照明

场景照明的要点在于“以光叙事”，通过光的塑造，以导演的方式构思镜头语言，再现曾经的故事和历程。场景中的主次把控，氛围渲染，情绪引导，是表演成功的关键。而多样且可控的灯具效果，则是表演成功的基石。设计与产品的相辅相成，缺一不可。



浙江自然博物院 安吉馆



中国人民抗日战争纪念馆

04

LIGHTING TECHNOLOGY



发明专利 - 针对青铜器照明光色研究

专利号：201911006731.6、202010314056.X

通过“针对青铜器照明光色的研究”这一课题，WAC提出了“对于不同特征的展品进行多维度光色匹配性”的解决方案，从辨识度、喜好度、历史感多种维度方向，为各类展品提供最佳照明光色方案。



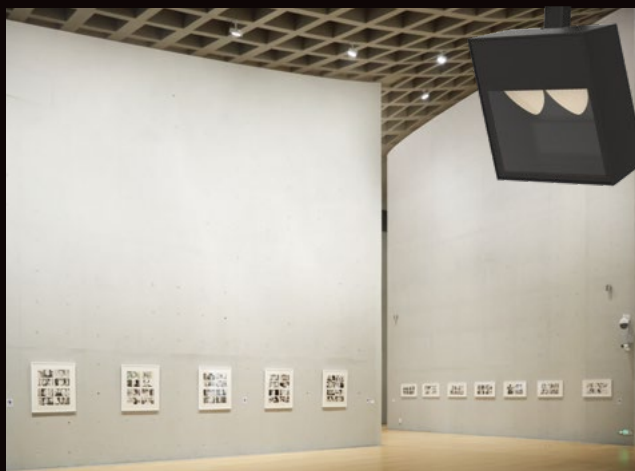
洗墙技术的突破与创新

WAC 博物馆照明空间的洗墙技术始终与时俱进，紧密跟随应用需求的变化，不断挑战并超越空间与规则的界限。从常见的 1:1:3 公共展示空间洗墙应用，到高达 1:1:6 的高空间洗墙实践，再到 1:1:10 的超高空间应用，WAC 展现了其卓越的技术实力。不仅如此，WAC 还创新地将洗墙技术应用于柜内空间，研发出针对柜内空间的偏光洗墙 LiteBox 技术，再次证明了其在照明领域的领导地位。



常规高空间洗墙技术

超高墙距比洗墙技术



LiteBox 柜内偏光洗墙技术

发明专利 - SUBROSA® 隐光科技

专利号：ZL 201710792586.3

独特的 SUBROSA® 隐光技术，将反射后的光线完美控制在截光角内，从而使极易被观测到的反射器表面不会对人眼造成高亮度反光，整体发光柔和，达到极致防眩光效果。



完备的产品系统



FALCON 系列

MERE 系列

PALOMA 系列



SWALLOW 系列

SILO 系列

GOBO 系列





LEDme® II Showcase 系列



LEDme® Wall Washer 系列



LEDme® BAR 系列



OCULARC 系列



ZIGGY 系列



VIVISTAR 系列



精准控光

- 自主光学研发团队
- 对称配光
- 超窄光束角
- SUBROSA® 专利隐光防眩科技
- 可变焦光学系统
- 洗墙配光
- 超高墙距比洗墙
- 柜内偏光洗墙技术 LiteBox

灯与展品相距为高度六米



视觉保护与视觉感知新趋势

关于 TLA

TLA (Temporal light artefacts) 是由于人类视觉系统与时间上变化的光源相互作用而产生的视觉干扰或幻象。

“闪烁”和“频闪效应”都是 TLA 的不同类型体现。

“闪烁”通常是指在小于 80Hz 的频率范围内可见光源的亮度或光谱分布的变化。

“频闪效应”是在一定频率变化的光线照射下，观察到的物体运动呈现静止或不同于其实际运动状态的现象。

当光以高于 80Hz 的速率波动时，可能会发生此效应。

无论闪烁或频闪，都会影响视觉能力或造成视觉错误，长期也对人的健康造成影响，导致头痛、眼疲劳、自闭等多种不良影响。这是照明解决方案提供者应当尽量避免的情况。

TLA 相关的参数指标

- SVM (Stroboscopic Visibility Measure) : 频闪效应可视度
SVM 考虑了人类的感知能力，通过量化光源的频闪特性来预测其对人眼的影响，以确保它们对用户的视觉舒适度和安全性不会产生负面影响。
- PstLM (Short Term Light Modulation Indicator) : 闪变指数，短时间闪变值
PstLM 的值越低，表示光源的闪烁对人眼的影响越小，因此在照明设计和产品选择中，追求较低的 PstLM 值是提高视觉舒适度和减少健康风险的重要因素。
- $PstLM \leq 0.5$ ，同时 $SVM \leq 0.1$
- 符合 IEEE、Energy Star、GB/T 31831-2015、NEMA 77-2017、《博物馆照明设计规范》等众多标准设计规范



显色性

- 显色性：以标准光源作为参照，对于光呈现物体颜色特性的评价参数
- MERE、FALCON、LEDme® SHOWCASE、OCULARC 和 VIVISTAR 光纤照明系统配置了显色指数 Ra97 的高品质光源
- 除了一般显色指数 Ra 外，我们还引入了如 GAI, Rg, Rf 等光色度参数，得以更全面地评价光的显色性



超高显色度 Ra97

高显色性的光源，往往能将物体的颜色表现得更加鲜艳与饱和，同时也不会让色彩显得过于浓烈和失真。



普通 LED



Ra90



Ra97

LED 光源

- 严选知名品牌色容差 1.5 SDCM 以内 LED 光源
- 全部通过 IESNA LM-80 测试
- 在 TM-21 法规测试条件下，寿命不低于 50,000H
- 科学的灯具设计，延长 LED 寿命

IESNA LM-80 Test Report

1. Applicable LUXEON® Series part numbers

This IESNA LM-80 Test Report applies to the following LUXEON® 2 SMD part number(s):

Product Family	Part Number	Nominal CCT
LUXEON® 2 SMD	LUXEON-2700K	2700K
LUXEON® 2 SMD	LUXEON-2700K	2700K
LUXEON® 2 SMD	LUXEON-2700K	2700K
LUXEON® 2 SMD	LUXEON-3000K	3000K
LUXEON® 2 SMD	LUXEON-3000K	3000K
LUXEON® 2 SMD	LUXEON-3500K	3500K
LUXEON® 2 SMD	LUXEON-4000K	4000K
LUXEON® 2 SMD	LUXEON-4000K	4000K
LUXEON® 2 SMD	LUXEON-4000K	4000K
LUXEON® 2 SMD	LUXEON-5000K	5000K
LUXEON® 2 SMD	LUXEON-5000K	5000K
LUXEON® 2 SMD	LUXEON-5700K	5700K
LUXEON® 2 SMD	LUXEON-5700K	5700K
LUXEON® 2 SMD	LUXEON-6500K	6500K

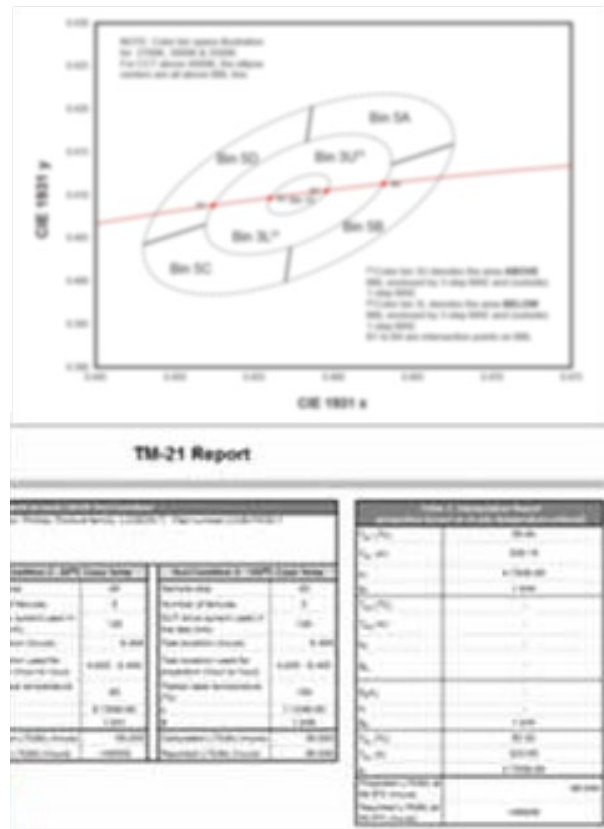
2. L_{70} Extrapolations per IESNA TM-21-11

	$I_f = 500mA$	$I_f = 700mA$	$I_f = 1050mA$	$I_f = 1200mA$
$T_a = 125^{\circ}C$	> 36,000	> 36,000	> 36,000	> 36,000
$T_a = 105^{\circ}C$	> 36,000	> 36,000	> 36,000	> 36,000
$T_a = 85^{\circ}C$	-	> 36,000	> 36,000	> 36,000
$T_a = 55^{\circ}C$	-	> 36,000	> 36,000	> 36,000

= Limited by TM-21 6x rule

3. Number of LED light sources tested

30 units per test / 20 consecutive units reported.



* 图片经过特殊化处理

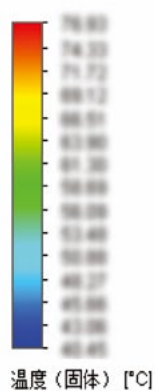
展品保护

- 采用紫外辐射和红外辐射含量极其微小的 LED 光源，给予藏品最可靠、周全的呵护
- 甄选高品质 LED 光源
- 无光害照明设计
- 符合国家规范要求



热力学设计

- 符合安全规定：CCC/CQC/UL/ETL/CE
- 有效延长 LED 光源寿命
- 为保证一定的光通维持率，灯具设计更需要良好的主动散热性，以确保 LED 光源在最佳温度以下工作



* 图片经过特殊化处理

智能调控

WAC 轨道灯具支持多种智能调控方式：

- On-board 调光技术（旋钮调光）
- 0-10V 调光
- 0-10V + 旋钮二合一调光专利技术（专利号：202122753689.3）
- DALI 调光
- 智能无线调光



光学配件

- 丰富的光学配件可供选择，满足不同场景需求



05

PRODUCTS INTRODUCTION



3-CIRCUIT TRACK LUMINAIRES & TRACK SYSTEM

93



J-TRACK LUMINAIRES & TRACK SYSTEM

193



SURFACE MOUNT LUMINAIRES

213



SHOWCASE LUMINAIRES

237

3-CIRCUIT TRACK LUMINAIRES & TRACK SYSTEM



FALCON ROUND

97

FALCON ROUND
FALCON ROUND WALL WASHER
FALCON ROUND SUBROSA® WALL WASHER

97
101
105



FALCON SQUARE

109

FALCON SQUARE AND LARGE
FALCON SQUARE WALL WASHER AND LARGE WALL WASHER
FALCON SQUARE SUBROSA® WALL WASHER AND LARGE WALL WASHER

109
113
117



MERE

122

MERE HP
MERE COB
MERE COB ZOOM

123
129
135



SWALLOW

138

SWALLOW PRO
SWALLOW II
SWALLOW III HP
SWALLOW III COB
SWALLOW WALL WASHER
SWALLOW TUNABLE

139
143
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SILO

164

SILO PRO
SILO FOCUS
SILO PRO WALL WASHER
SURFACE MOUNTED TRACKS
RECESSED TRACK SYSTEM

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GOBO PRO

180



3-CIRCUIT TRACK SYSTEM

184

SILO PRO
SILO FOCUS

197
203



水利文明
Water Civilization

早期国家
Early State

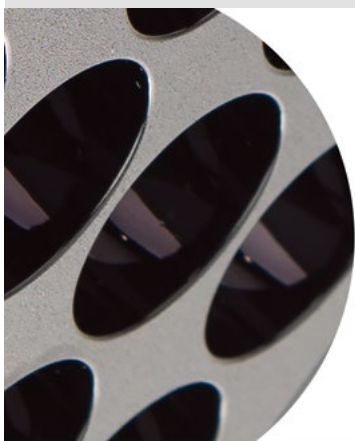
城市文明
Urban Civilization

原始文字
Primitive Written Characters

良渚博物院
浙江，杭州



FALCON



行业首创 SUBROSA[®] 专利隐光技术
点亮状态下，深度防眩效果呈现

丰富光型选择，为不同尺寸展品“量体裁衣”



超窄4°



最大40°



10°x30°

FALCON ROUND



TL71S

TL72S

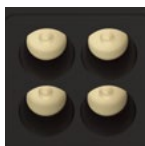
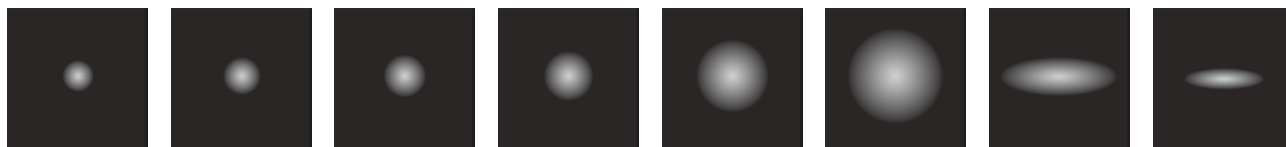
TL73S

Specifications



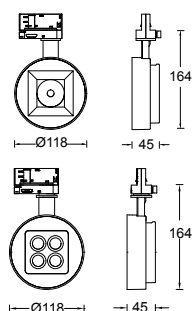
- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜和 SUBROSA® 隐光技术, 双重配光
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -355°调节; 竖直 0° -90°调节
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源色温、光源光通量:
 - TL71S 3000K:250lm(3W) / 700lm(8W) / 875lm(12W)
 - TL72S 3000K:1000lm(12W) / 1575lm(18W) / 2125lm(27W)
 - TL73S 3000K:2125lm(27W) / 2800lm(32W) / 2960lm(42W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 1.5 SDCM
- 产品重量: 0.6Kg/0.9kg/1.3Kg

Product Features/Optics



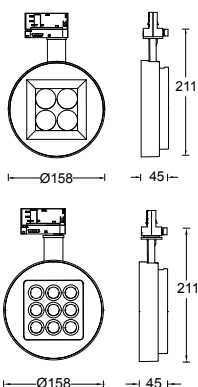
SUBROSA® Anti-Glare

Product Parameters



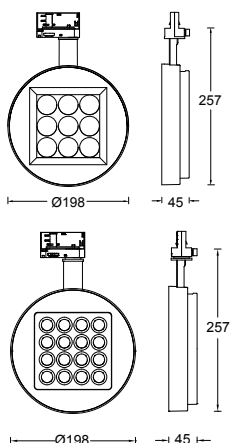
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL715	LD03 LED 3W	9901cd(3W @3000K 4°)	O On-board D 0-10V & On-board B Wireless A DALI	V 4°	9 90 A 97	30 3000K 40 4000K	WT White BK Black
TL715	LD08 LED 8W LD12 LED 12W	10443cd(8W @3000K 7°) 4519cd(8W @3000K 14°) 4201cd(8W @3000K 20°) 2169cd(8W @3000K 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 @3000K 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
TL725	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
TL725	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

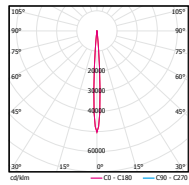


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL735	LD27 LED 27W	93734cd(27W @3000K 4°)	O On-board D 0-10V & On-board B Wireless A DALI	V 4°	9 90 A 97	30 3000K 40 4000K	WT White BK Black
TL735	LD32 LED 32W LD43 LED 43W	32601cd(32W @3000K 7°) 15736cd(32W @3000K 14°) 14394cd(32W @3000K 20°) 6913cd(32W @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

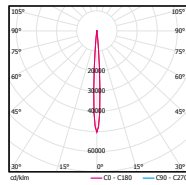
TL71S



TL71SLD03-O-V930

0° AIMING ANGLE

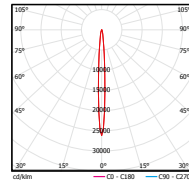
D(M)	LUX	W	L
1	6819	0.12	0.12
2	1704.75	0.24	0.24
3	757.67	0.48	0.48
4	426.19	0.96	0.96



TL71SLD03-O-V940

0° Aiming Angle

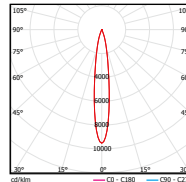
D(M)	LUX	W	L
1	7219.96	0.12	0.12
2	1804.75	0.24	0.24
3	802.22	0.48	0.48
4	451.25	0.96	0.96



TL71SLD08-O-S930

0° 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

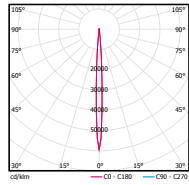


TL71SLD08-O-1930

0° 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

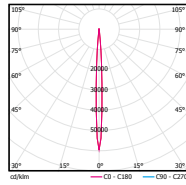
TL72S



TL72SLD12-O-V930

0° AIMING ANGLE

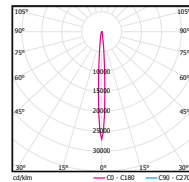
D(M)	LUX	W	L
1	40811	0.1	0.1
2	10202.75	0.2	0.2
3	4534.56	0.4	0.4
4	2550.69	0.8	0.8



TL72SLD12-O-V940

0° Aiming Angle

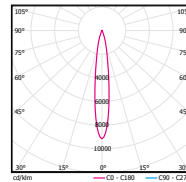
D(M)	LUX	W	L
1	43210.69	0.1	0.1
2	10802.67	0.2	0.2
3	4801.19	0.4	0.4
4	2700.67	0.8	0.8



TL72SLD18-O-S930

0° AIMING ANGLE

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

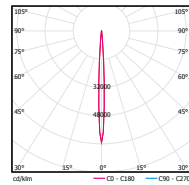


TL72SLD18-O-1930

0° Aiming Angle

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

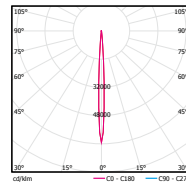
TL73S



TL73SLD27-O-V930

0° AIMING ANGLE

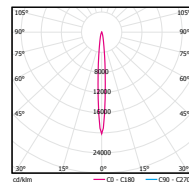
D(M)	LUX	W	L
1	90734	0.1	0.1
2	22683.5	0.2	0.2
3	10081.56	0.4	0.4
4	5670.86	0.8	0.8



TL73SLD27-O-V940

0° Aiming Angle

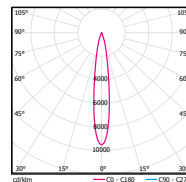
D(M)	LUX	W	L
1	96069.16	0.1	0.1
2	24017.29	0.2	0.2
3	10674.35	0.4	0.4
4	6004.32	0.8	0.8



TL73SLD32-O-S930

0° AIMING ANGLE

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



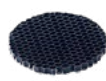
TL73SLD32-O-1930

0° Aiming Angle

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

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

注意：最多可加装一个光学配件，均需单独订购

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

注意：最多可加装两个光学配件，均需单独订购

FALCON ROUND WALL WASHER



TL71W

TL72W

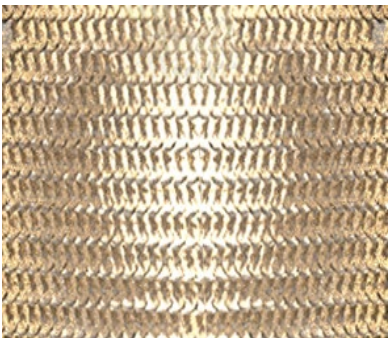
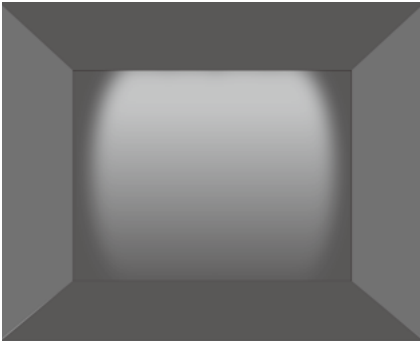
TL73W

Specifications



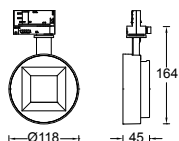
- 主体材质: 铝合金压铸灯体
- 光学系统: 双重透镜
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源色温、光源光通量:
 - TL71W 3000K:700lm(8W) / 875lm(12W)
 - TL72W 3000K:1575lm(18W) / 2125lm(27W)
 - TL73W 3000K:2800lm(32W) / 2960lm(42W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 1.5 SDCM
- 产品重量: 0.6Kg/0.9kg/1.3Kg

Product Features/Optics



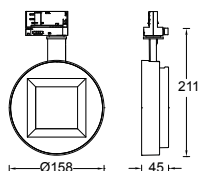
Wall Washer

Product Parameters



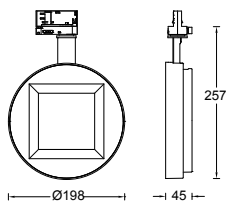
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL71W	LD08 LED 8W	449lm(8W @3000K)	O On-board	W Wall Washer	9 90	30 3000K	WT White
	LD12 LED 12W	628lm(12W @3000K)	D 0-10V & On-board B Wireless A DALI		A 97	40 4000K	BK Black

Example: TL71WLD08-O-W930WT



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

Example: TL72WLD18-O-W930WT



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

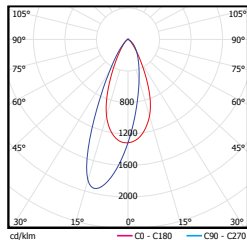
Example: TL73WLD32-O-W930WT

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 :

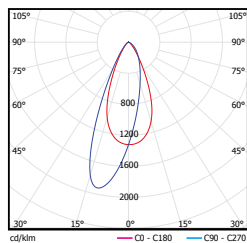
Number of luminaires: $n > 5$
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 1.08

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 :

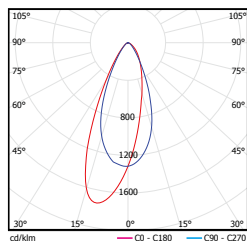
Number of luminaires: $n > 5$
Wall height (m): 4.0
Angle of tilt: 30°
Offset from wall (m): 1.2
Luminaire spacing (m): 1.44

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 (CLASS 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

注意：隐光投射组件安装时请参考说明书

FALCON ROUND SUBROSA® WALL WASHER



TL71W

TL72W

TL73W

Specifications



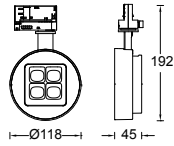
- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜和 SUBROSA® 隐光洗墙技术 (27°防眩光角)
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源色温、光源光通量:
 - TL71W 3000K:700lm(8W) / 875lm(12W)
 - TL72W 3000K:1575lm(18W) / 2125lm(27W)
 - TL73W 3000K:2800lm(32W) / 2960lm(42W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 1.5 SDCM
- 产品重量: 0.6Kg/0.9kg/1.3Kg

Product Features/Optics



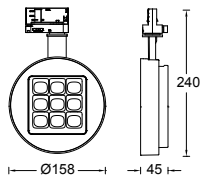
SUBROSA® Anti-Glare

Product Parameters



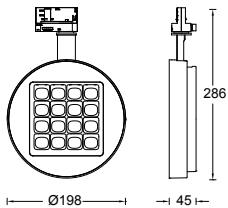
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL71W	LD08 LED 8W	449lm(8W @3000K)	O On-board	C SUBROSA® Anti-Glare	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD12 LED 12W	628lm(12W @3000K)	D 0-10V & On-board B Wireless A DALI				

Example: TL71WLD08-O-C930WT



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

Example: TL72WLD18-O-C930WT

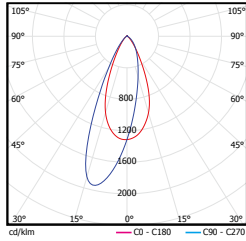


Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL73W	LD32 LED 32W	1814lm(32W @3000K)	O On-board	C SUBROSA® Anti-Glare	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD43 LED 43W	2302lm(43W @3000K)	D 0-10V & On-board B Wireless A DALI				

Example: TL73WLD32-O-C930WT

Light Distribution

TL71WLD08-O-C930WT



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

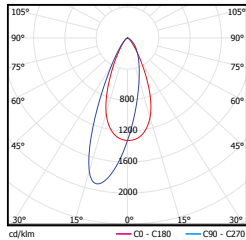
H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	65	67	64	66	65
2.40	125	131	123	133	123
2.10	155	166	151	168	151
1.80	160	169	157	172	158
1.50	148	154	147	156	146
1.20	127	133	127	134	127
0.90	105	110	106	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-C930



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

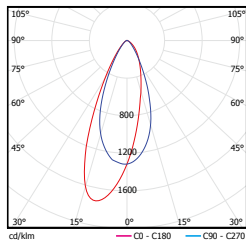
H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
3.60	85	89	88	87	87
3.20	154	164	155	164	154
2.80	187	203	185	204	186
2.40	194	204	193	206	194
2.00	180	185	178	186	179
1.60	151	156	150	157	151
1.20	124	127	125	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-C930



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 (CLASS 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

注意：隐光投射组件安装时请参考说明书

FALCON SQUARE AND LARGE



TL65S

TL66S

TL67S

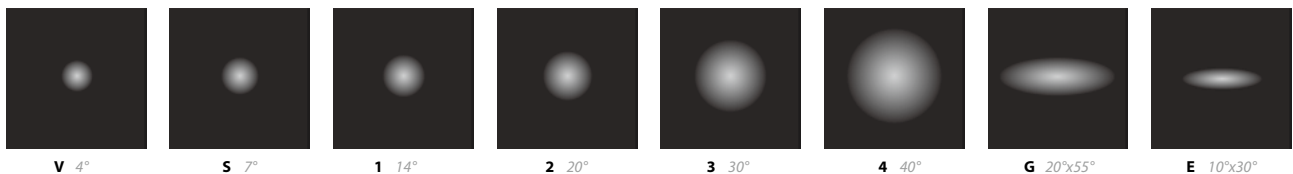
TL64H

Specifications

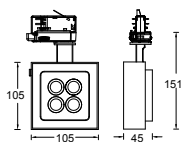


- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜和 SUBROSA® 隐光技术, 双重配光
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -355°调节; 竖直 0° -90°调节
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源色温、光源光通量:
 - TL65S 3000K:250lm(3W) / 700lm(8W) / 875lm(12W)
 - TL66S 3000K:1000lm(12W) / 1575lm(18W) / 2125lm(27W)
 - TL67S 3000K:2125lm(27W) / 2800lm(32W) / 2960lm(42W)
 - TL64H 3000K:4650lm(50W) / 6000lm(70W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 1.5 SDCM
- 产品重量: 0.6kg/0.9kg/1.3kg / 2.3kg

Product Features/Optics

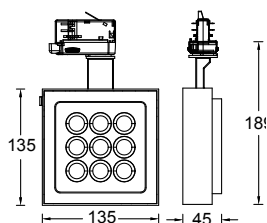


Product Parameters



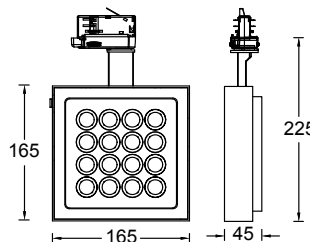
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL655	LD03 LED 3W	9901cd(3W @3000K 4°)	O On-board D 0-10V & On-board B Wireless A DALI	V 4°	9 90 A 97	30 3000K 40 4000K	WT White BK Black
TL655	LD08 LED 8W LD12 LED 12W	10443cd(8W @3000K 7°) 4519cd(8W @3000K 14°) 4201cd(8W @3000K 20°) 2169cd(8W @3000K 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 @3000K 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: TL655LD08-O-2930WT



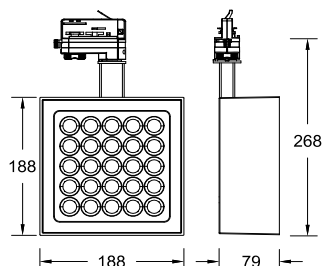
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL665	LD12 LED 12W	40811cd(12W @3000K 4°)	O On-board D 0-10V & On-board B Wireless A DALI	V 4°	9 90 A 97	30 3000K 40 4000K	WT White BK Black
TL665	LD18 LED 18W LD27 LED 27W	19507cd(18W @3000K 7°) 8720cd(18W @3000K 14°) 8066cd(18W @3000K 20°) 3879cd(18W @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: TL665LD18-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL675	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
TL675	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: TL675LD32-O-2930WT



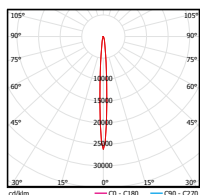
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL64H	LD50 LED 50W LD70 LED 70W	53235cd(50W @3000K 7°) 36680cd(50W @3000K 14°) 22348cd(50W @3000K 20°) 11408cd(50W @3000K 30°) 7123cd(50W @3000K 40°) 24943cd(50W @3000K 10°x30°) 64139cd(70W @3000K 7°) 44193cd(70W @3000K 14°) 26925cd(70W @3000K 20°) 13745cd(70W @3000K 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

TL655

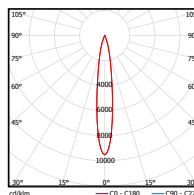
TL65SLD08-O-S930



0° 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

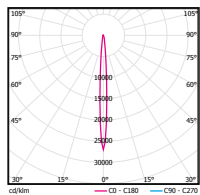


0° Aiming Angle

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

TL665

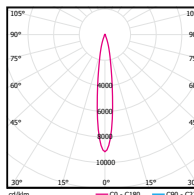
TL66SLD18-O-S930



0° Aiming Angle

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

TL66SLD18-O-1930

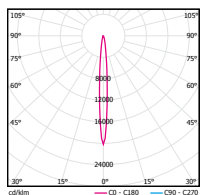


0° Aiming Angle

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

TL675

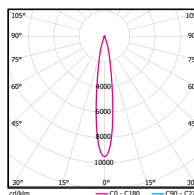
TL67SLD32-O-S930



0° Aiming Angle

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

TL67SLD32-O-1930

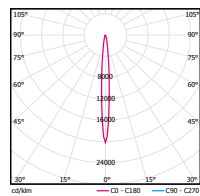


0° Aiming Angle

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

TL64H

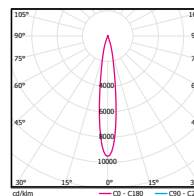
TL64HLD50-O-S930



0° Aiming Angle

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

TL64HLD50-O-1930



0° Aiming Angle

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

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-TL66S-20D LENS-TL66S-30D LENS-TL66S-40D LENS-TL66S-55D LENS-TL66S-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

注意：最多可加装三个光学配件，每类配件最多同时只加装一个；增加变光镜片后的光束角请咨询 WAC

OPTICAL ACCESSORIES

MODEL	WALL WASHER (CLASS II) 	BARN DOOR (CLASS III) 
TL65S	LENS-TL65S-WW	LENS-TL65-BD
TL66S	LENS-TL66S-WW	LENS-TL66-BD
TL67S	LENS-TL67S-WW	LENS-TL67-BD
TL64H		LENS-TL64-BD

注意：最多可加装三个光学配件，均需单独订购

FALCON SQUARE WALL WASHER AND LARGE WALL WASHER



TL65W

TL66W

TL67W

TL64WLD

TL64WLM

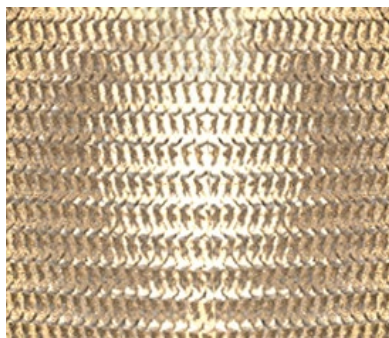
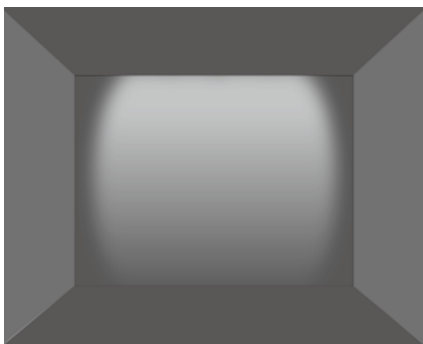
Specifications



- 主体材质: 铝合金压铸灯体
- 光学系统: 双重透镜
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -355°调节; 竖直 0° -90°调节
- 接线示意: 详情请参考本目录册最后接线示意图

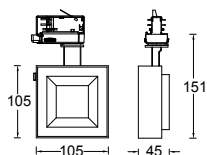
- 光源类型: High Power LED
- 光源色温、光源光通量:
 - TL65W 3000K:700lm(8W) / 875lm(12W)
 - TL66W 3000K:1575lm(18W) / 2125lm(27W)
 - TL67W 3000K:2800lm(32W) / 2960lm(42W)
 - TL64WLD 3000K:4650lm(50W) / 6000lm(70W)
 - TL64WLM 3000K:4500lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 1.5 SDCM
- 产品重量: 0.6Kg / 0.9Kg / 1.3Kg / 2.3Kg / 2.7Kg

Product Features/Optics



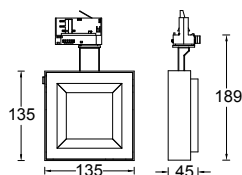
Wall Washer

Product Parameters



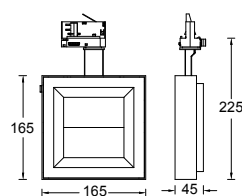
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL65W	LD08 LED 8W	449lm(8W @3000K)	O On-board D 0-10V & On-board B Wireless A DALI	W Wall Washer	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD12 LED 12W	628lm(12W @3000K)					

Example: TL65WLD08-O-W930WT



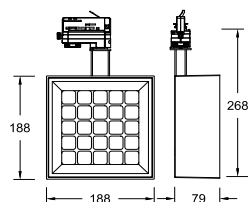
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL66W	LD18 LED 18W	1172lm(18W @3000K)	O On-board D 0-10V & On-board B Wireless A DALI	W Wall Washer	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD27 LED 27W	1641lm(27W @3000K)					

Example: TL66WLD18-O-W930WT



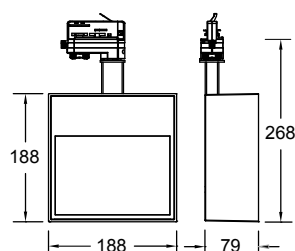
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL67W	LD32 LED 32W	1814lm(32W @3000K)	O On-board D 0-10V & On-board B Wireless A DALI	W Wall Washer	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD43 LED 43W	2302lm(43W @3000K)					

Example: TL67WLD32-O-W930WT



Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL64W	LD50 LED 50W	3022lm(50W @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
	LD70 LED 70W	3499lm(70W @3000K)					

Example: TL64WLD50-O-W930WT



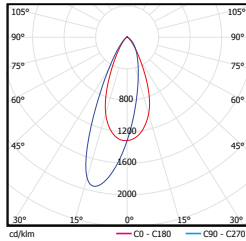
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL64W	LM40 COB 40W	2783lm(40W @3000K U)	O On-board D 0-10V Dimming A DALI	U Wall Washer (10:1)	9 90 A 97	30 3000K 40 4000K	WT White BK Black
		3202lm(40W @3000K W)		W Wall Washer (5:1)			

Example: TL64WLM40-O-U930WT

注：洗墙比例指墙面高度与灯具离墙距离之比，详见产品规格书

Light Distribution

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

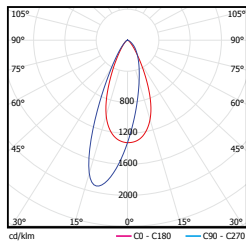
H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	65	67	64	66	65
2.40	125	131	123	133	123
2.10	155	166	151	168	151
1.80	160	169	157	172	158
1.50	148	154	147	156	146
1.20	127	133	127	134	127
0.90	105	110	106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

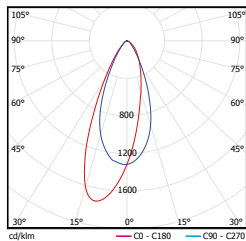
H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
3.60	85	89	88	87	87
3.20	154	164	155	164	154
2.80	187	203	185	204	186
2.40	194	204	193	206	194
2.00	180	185	178	186	179
1.60	151	156	150	157	151
1.20	124	127	125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

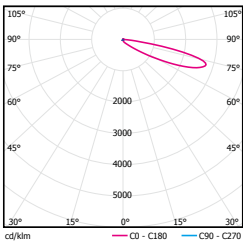
H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
4.50	105	109	107	107	108
4.00	165	180	166	179	166
3.50	192	210	192	210	192
3.00	196	207	196	207	193
2.50	180	186	180	187	179
2.00	153	160	154	160	152
1.50	128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

Light Distribution

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

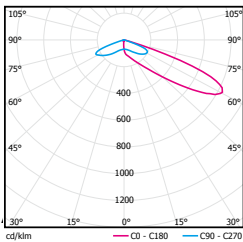


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
9.50	354	371	374	373	360
8.50	400	436	441	441	403
7.50	310	338	441	340	315
6.50	231	249	255	246	233
5.50	169	179	181	178	165
4.50	123	129	130	126	120
3.50	91	95	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

Accessories

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	/	/	/

注：需单独订购

FALCON SQUARE SUBROSA® WALL WASHER AND LARGE WALL WASHER



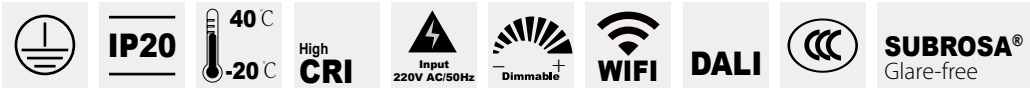
TL65W

TL66W

TL67W

TL64W

Specifications



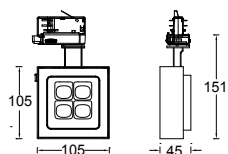
- 主体材质：铝合金压铸灯体
- 光学系统：透镜和 SUBROSA® 隐光洗墙技术（27°防眩光角）
- 表面处理：静电粉末喷涂
- 投射方向：水平 0° -355°调节；竖直 0° -90°调节
- 接线示意：详情请参考本目录册最后接线示意图
- 光源类型：High Power LED
- 光源色温、光源光通量：
 - TL65W 3000K:700lm(8W) / 875lm(12W)
 - TL66W 3000K:1575lm(18W) / 2125lm(27W)
 - TL67W 3000K:2800lm(32W) / 2960lm(42W)
 - TL64WLD 3000K:4650lm(50W) / 6000lm(70W)
- 光源寿命：>50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差：1.5 SDCM
- 产品重量：0.6Kg / 0.9Kg / 1.3Kg / 2.3Kg

Product Features/Optics



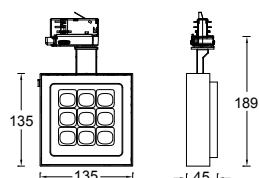
SUBROSA® Anti-Glare

Product Parameters



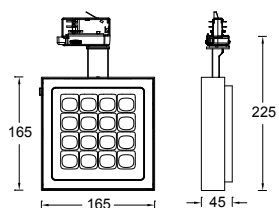
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL65W	LD08 LED 8W LD12 LED 12W	449lm(8W @3000K) 628lm(12W @3000K)	O On-board D 0-10V & On-board B Wireless A DALI	C SUBROSA® Anti-Glare	9 90 A 97	30 3000K 40 4000K	WT White BK Black

Example: TL65WLD08-O-C930WT



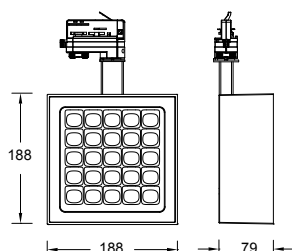
Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL66W	LD18 LED 18W LD27 LED 27W	1172lm(18W @3000K) 1641lm(27W @3000K)	O On-board D 0-10V & On-board B Wireless A DALI	C SUBROSA® Anti-Glare	9 90 A 97	30 3000K 40 4000K	WT White BK Black

Example: TL66WLD18-O-C930WT



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	C SUBROSA® Anti-Glare	9 90 A 97	30 3000K 40 4000K	WT White BK Black

Example: TL67WLD32-O-C930WT

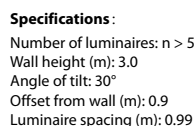


Model	LED Power	System Lumens	Dimming	Beam	CRI	CCT	Finish
TL64W	LD50 LED 50W LD70 LED 70W	3022lm(50W @3000K) 3499lm(70W @3000K)	O On-board D 0-10V Dimming A DALI	C SUBROSA® Anti-Glare	9 90 A 97	30 3000K 40 4000K	WT White BK Black

Example: TL64WLD50-O-C930WT

注：需单独订购

TL65WLD08-O-C930WT

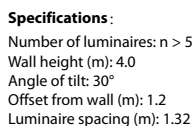


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	65	67	64	66	65
2.40	125	131	123	133	123
2.10	155	166	151	168	151
1.80	160	169	157	172	158
1.50	148	154	147	156	146
1.20	127	133	127	134	127
0.90	105	110	106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

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

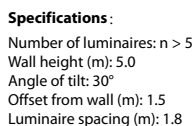


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
3.60	85	89	88	87	87
3.20	154	164	155	164	154
2.80	187	203	185	204	186
2.40	194	204	193	206	194
2.00	180	185	178	186	179
1.60	151	156	150	157	151
1.20	124	127	125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

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

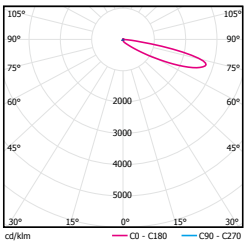
Specifications :
 Number of luminaires: $n > 5$
 Wall height (m): 5.0
 Angle of tilt: 30°
 Offset from wall (m): 1.5
 Luminaire spacing (m): 1.65

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

Light Distribution

TL64WLD50-O-C930WT

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

Accessories

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	/	/	/

NEW CHAPTER OF THE ERA

前言

广东美术在近代以来率先吸收外来艺术,成为吸收并融汇于传统的强劲助力。此后,伴随中国社会的急速变革与发展,广东美术开始进行多样化的探索与实践,艺术家的创作思维模式、视觉语言、传播途径的拓展,在新时代的急速发展中国画时代转换,反映现实生活。

本次展览,我们精选了广东书画家、广州美术学院教授吴冠中、深圳关山月美术馆的捐赠力作,以“风骨”、“清”、“画”、“境”、“墨”为主题,展出涵盖山水、花鸟、人物、景别、题材、媒介等之多元的当代广东书画家作品310余件,展出数量创历史新高。展览彰显了广东当代书画界雄厚的艺术实力,也体现了岭南上的一代广东美术工作者的精品力作。通过书画与观众作品的集结与碰撞,展示广东书画家紧跟时代、朝气蓬勃、积极探索进行自我创作与创作形式多元探索与的创造性成果,呈现当代广东书画界蓬勃发展的艺术生态。

During the last 10 years, China has been the first developing country to join the World Trade Organization (WTO), and has been making great progress in the field of international trade and economic cooperation. The

in the exhibition, we proudly present two collections of Chinese Great Masters and Old Masters with an even greater number of Chinese paintings with strong impact on the world, including Chinese paintings and paintings from the opening of the new century. As a continuing pursuit in the contemporary art history of Guangdong, we will explore, through collaboration and exhibition, the new progress in the artistic heritage of Guangdong and its

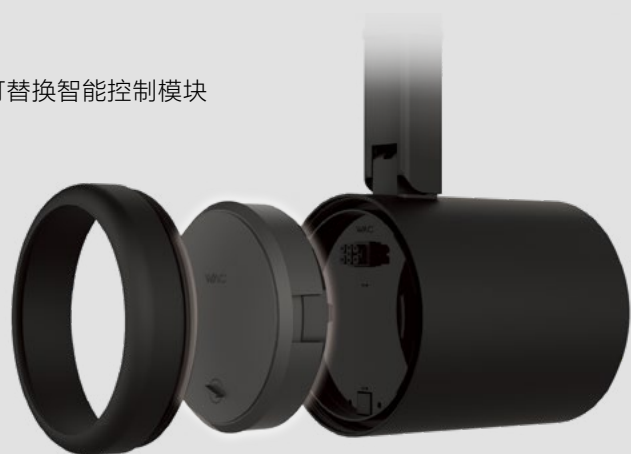
风·华

见温度，见品质，见风华
WITH TEMPERAMENT, QUALITY AND VIGOUR



MERE

可替换智能控制模块



可替换光学模块



MERE HP



TL36S

TL37S

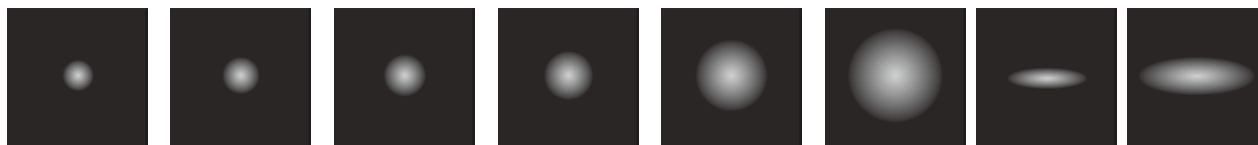
TL38S

Specifications



- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜 + 反射器
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 参照配件表, 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源色温、光源光通量:
 - TL36S 3000K:800lm(8W) / 1200lm(12W)
 - TL37S 3000K:1800lm(18W) / 2700lm(27W)
 - TL38S 3000K:3200lm(32W) / 4800lm(48W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 2 SDCM
- 产品重量: 0.9Kg / 1.8Kg / 3.8Kg

Product Features/Optics



S 6°

N 10°

1 15°

2 24°

3 36°

5 50°

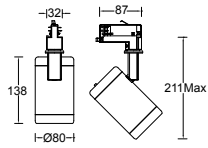
E 10°x50°

G 25°x55°



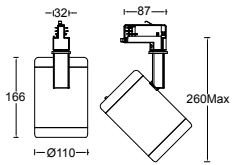
W Wall Washer

Product Parameters



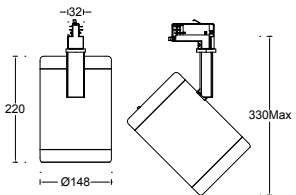
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL36S	LD08 LED 8W	28484cd(12W @3000K 6°)	D 0-10V & On-board	S 6°	9 90	27 2700K	WT White
	LD12 LED 12W	15778cd(12W @3000K 10°) 7004cd(12W @3000K 15°) 2381cd(12W @3000K 24°) 1429cd(12W @3000K 36°) 652cd(12W @3000K 50°)	A DALI	N 10° 1 15° 2 24° 3 36°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

Example: TL36SLD12-D-2930WT



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

Example: TL37SLD27-D-2930WT



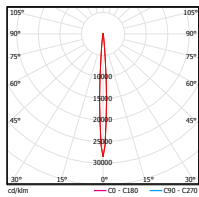
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL38S	LD32 LED 32W	96550cd(48W @3000K 6°)	D 0-10V & On-board	S 6°	9 90	27 2700K	WT White
	LD48 LED 48W	37397cd(48W @3000K 10°) 22046cd(48W @3000K 15°) 10520cd(48W @3000K 24°) 6251cd(48W @3000K 36°) 2799cd(48W @3000K 50°)	A DALI	N 10° 1 15° 2 24°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

Example: TL38SLD48-D-2930WT

Light Distribution

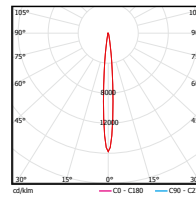
T36S

TL36SLD12-D-S930WT



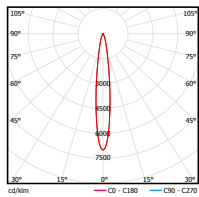
0° Aiming Angle			
D(M)	LUX	W	L
1	28484	0.11	0.11
2	7121	0.22	0.22
3	3165	0.33	0.33
4	1780	0.44	0.44

TL36SLD12-D-N930WT



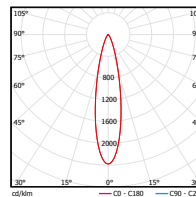
0° Aiming Angle			
D(M)	LUX	W	L
1	15778	0.16	0.16
2	3945	0.32	0.32
3	1753	0.48	0.48
4	986	0.64	0.64

TL36SLD12-D-1930WT



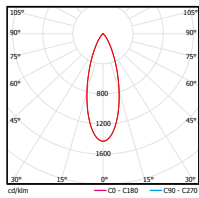
0° Aiming Angle			
D(M)	LUX	W	L
1	7004	0.24	0.24
2	1751	0.48	0.48
3	778	0.72	0.72
4	438	0.96	0.96

TL36SLD12-D-2930WT



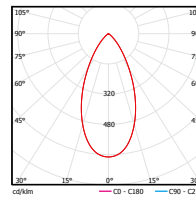
0° Aiming Angle			
D(M)	LUX	W	L
1	2381	0.40	0.40
2	595	0.80	0.80
3	265	1.20	1.20
4	149	1.60	1.60

TL36SLD12-D-3930WT



0° 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

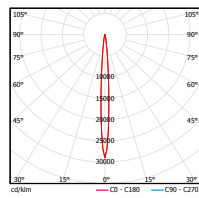
TL36SLD12-D-5930WT



0° 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

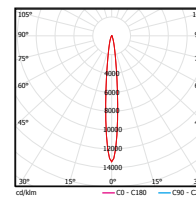
T37S

TL37SLD27-D-S930BK



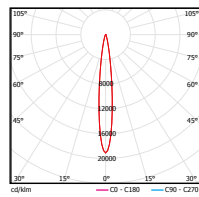
0° Aiming Angle			
D(M)	LUX	W	L
1	45460	0.13	0.13
2	11365	0.26	0.26
3	5051	0.39	0.39
4	2841	0.52	0.52

TL37SLD27-D-N930BK



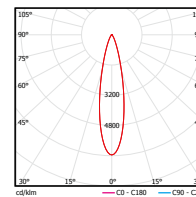
0° Aiming Angle			
D(M)	LUX	W	L
1	20695	0.19	0.19
2	5174	0.38	0.38
3	2299	0.57	0.57
4	1293	0.76	0.76

TL37SLD27-D-1930BK



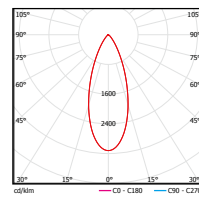
0° Aiming Angle			
D(M)	LUX	W	L
1	19090	0.22	0.22
2	4773	0.44	0.44
3	2121	0.66	0.66
4	1193	0.88	0.88

TL37SLD27-D-2930BK



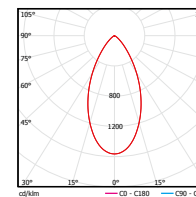
0° Aiming Angle			
D(M)	LUX	W	L
1	6361	0.40	0.40
2	1590	0.80	0.80
3	707	1.20	1.20
4	398	1.60	1.60

TL37SLD27-D-3930BK



0° 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

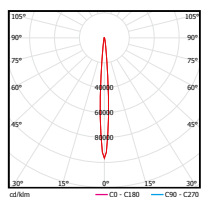


0° Aiming Angle			
D(M)	LUX	W	L
1	1565	0.96	0.96
2	391	1.92	1.92
3	174	2.88	2.88
4	98	3.84	3.84

Light Distribution

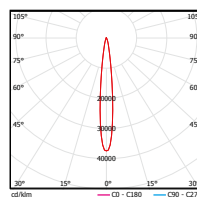
T385

TL38SLD48-D-S930BK



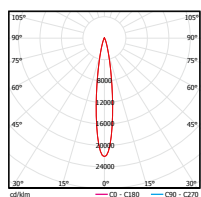
0° Aiming Angle			
D(M)	LUX	W	L
1	96550	0.14	0.14
2	24138	0.28	0.28
3	10728	0.42	0.42
4	6034	0.56	0.56

TL38SLD48-D-N930BK



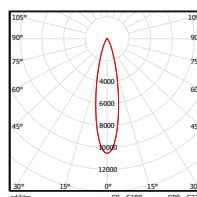
0° Aiming Angle			
D(M)	LUX	W	L
1	37397	0.21	0.21
2	9349	0.42	0.42
3	4155	0.63	0.63
4	2337	0.84	0.84

TL38SLD48-D-1930BK



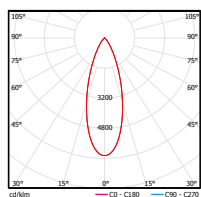
0° Aiming Angle			
D(M)	LUX	W	L
1	22046	0.27	0.27
2	5512	0.54	0.54
3	2450	0.81	0.81
4	1378	1.08	1.08

TL38SLD48-D-2930BK



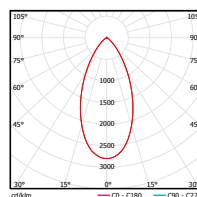
0° Aiming Angle			
D(M)	LUX	W	L
1	10520	0.40	0.40
2	2630	0.80	0.80
3	1169	1.20	1.20
4	658	1.60	1.60

TL38SLD48-D-3930BK



0° 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



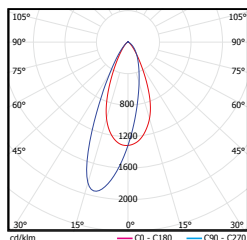
0° Aiming Angle			
D(M)	LUX	W	L
1	2799	0.92	0.92
2	700	1.84	1.84
3	311	2.76	2.76
4	175	3.68	3.68

Light Distribution

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 :

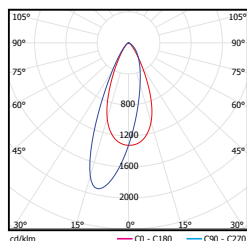
Number of luminaires: $n > 5$
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 1.08

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 :

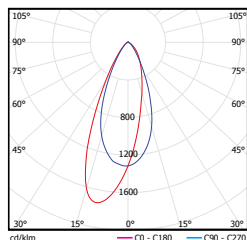
Number of luminaires: $n > 5$
Wall height (m): 4.0
Angle of tilt: 30°
Offset from wall (m): 1.2
Luminaire spacing (m): 1.44

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

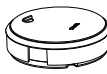
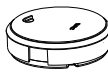
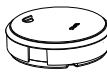
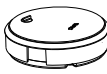
MODEL	LENS ANGLE S (CLASS I)	LENS ANGLE N (CLASS I)	LENS ANGLE 1 (CLASS I)	LENS ANGLE 2 (CLASS I)	LENS ANGLE 3 (CLASS I)	LENS ANGLE 5 (CLASS I)	LENS ANGLE E (CLASS I)	LENS ANGLE G (CLASS I)
TL36S	LENS-TL36-HSBK	LENS-TL36-HNBK	LENS-TL36-H1BK	LENS-TL36-H2BK	LENS-TL36-H3BK	LENS-TL36-H5BK	LENS-TL36-HEBK	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- WWW	LENS-TL36-EEWT	LENS-TL36-SSWT	LENS-TL36-MMWT	LENS-TL36-LLWT	LENS-TL36-RGWT	LENS-TL36-PFWT	LENS-TL36-HSWT
TL37S	LENS-TL37- WWW	LENS-TL37-EEWT	LENS-TL37-SSWT	LENS-TL37-MMWT	LENS-TL37-LLWT	LENS-TL37-RGWT	LENS-TL37-PFWT	LENS-TL37-HSWT
TL38S	LENS-TL38- WWW	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 MOD- ULE BLACK (CLASS VI)	ON-BOARD+0-10V DIMMING MOD- ULE 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

注意：最多可加装六类配件，每类配件最多同时只加装一个

MERE COB



TL35S

TL36S

TL37S

TL38S

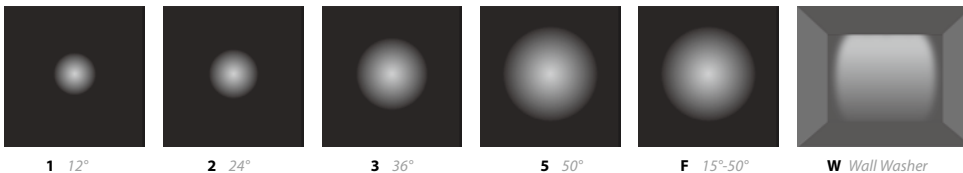
Specifications



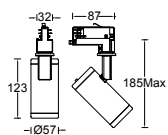
- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜 + 反射器
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 参照配件表, 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图

- 光源类型: COB
- 光源色温、光源光通量:
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)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 2 SDCM
- 产品重量: 0.6Kg / 0.9Kg / 1.8Kg / 3.9Kg

Product Features/Optics

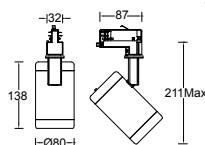


Product Parameters



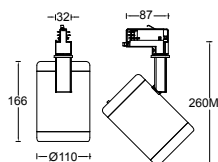
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL355	LM10 COB 10W	5619cd(10W @3000K 12°) 2381cd(10W @3000K 24°) 2404cd(10W @3000K 36°) 1925cd(10W @3000K 50°) 5993cd(10W @3000K Max)	D 0-10V & On-board A DALI	1 12° 2 24° 3 36° 5 50° F 15°-50° W Wall Washer	9 90 A 97	27 2700K 30 3000K 35 3500K 40 4000K	WT White BK Black

Example: TL35SLM10-D-2930WT



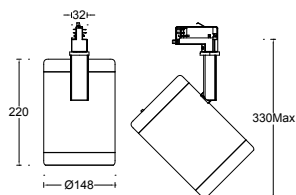
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL365	LM12 COB 12W	13637cd(18W @3000K 12°) 9005cd(18W @3000K 24°) 3788cd(18W @3000K 36°) 1011cd(18W @3000K 50°) 8927cd(18W @3000K Max)	D 0-10V & On-board A DALI	1 12° 2 24° 3 36° 5 50° F 15°-50° W Wall Washer	9 90 A 97	27 2700K 30 3000K 35 3500K 40 4000K	WT White BK Black
	LM18 COB 18W						

Example: TL36SLM18-D-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL375	LM18 COB 18W	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
	LM26 COB 26W						
TL375	LM32 COB 32W	35327cd(32 W @3000K 12°) 23973cd(32 W @3000K 24°) 9877cd(32 W @3000K 36°) 2750cd(32W @3000K 50°) 19437cd(32W @3000K Max)	D 0-10V & On-board A DALI B Wireless	1 15° 2 24° 3 36° 5 50° F 15°-50° W Wall Washer	9 90 A 97	CC 2700K-6000K	WT White BK Black
	LM38 COB 38W						

Example: TL37SLM32-D-2930WT



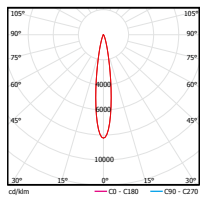
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL385	LM10 COB 10W	27976cd(38 W @3000K 12°) 25458cd(38 W @3000K 24°) 13394cd(38 W @3000K 36°) 4205cd(38W @3000K 50°) 22026cd(38W @3000K Max)	D 0-10V & On-board A DALI	V 2° 1 12° 2 24° 3 36° 5 50° F 15°-50° W Wall Washer	9 90 A 97	27 2700K 30 3000K 35 3500K 40 4000K	WT White BK Black
	LM38 COB 38W						
TL385	LM48 COB 48W	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 B Wireless	1 15° 2 24° 3 36° 5 50° F 15°-50° W Wall Washer	9 90 A 97	CC 2700K-6000K	WT White BK Black
	LM58 COB 58W						

Example: TL38SLM48-D-2930WT

Light Distribution

T355

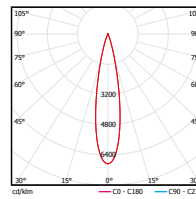
TL35SLM10-D-1930BK



0° 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

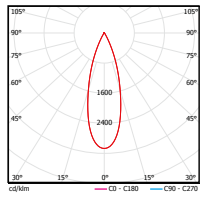
TL35SLM10-D-2930BK



0° 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

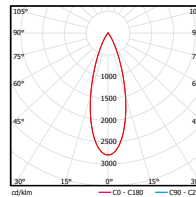
TL35SLM10-D-3930BK



0° 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

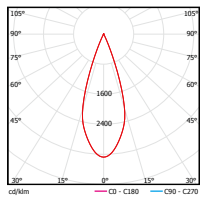
TL35SLM10-D-5930BK



0° 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

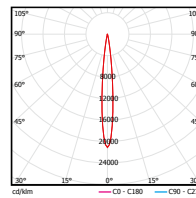
TL35SLM10-D-F930BK-MAX



0° 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

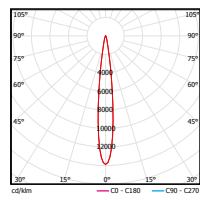


0° Aiming Angle

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

T365

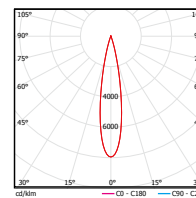
TL36SLM18-D-1930WT



0° 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

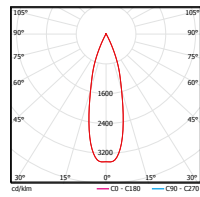
TL36SLM18-D-2930WT



0° 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

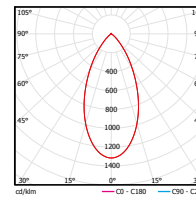
TL36SLM18-D-3930WT



0° 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

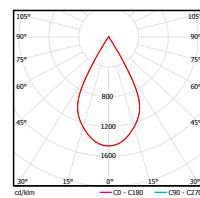
TL36SLM18-D-5930WT



0° 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

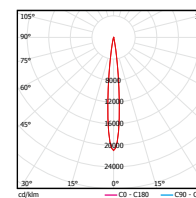
TL36SLM18-D-F930WT-MAX



0° 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



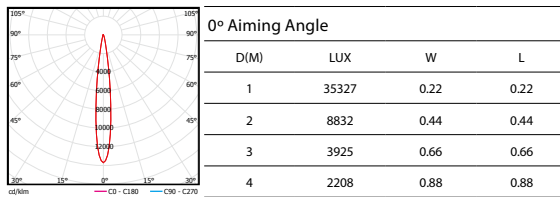
0° Aiming Angle

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

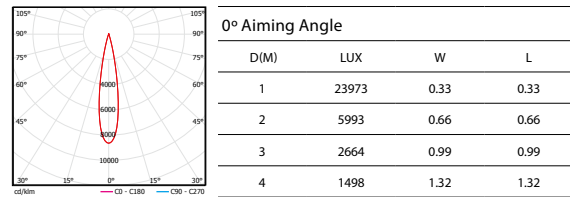
Light Distribution

T37S

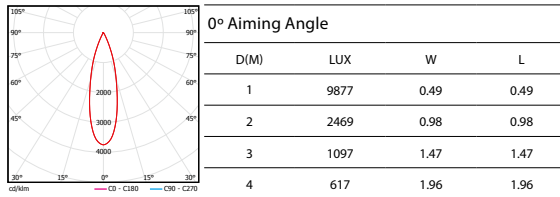
TL37SLM38-D-1930BK



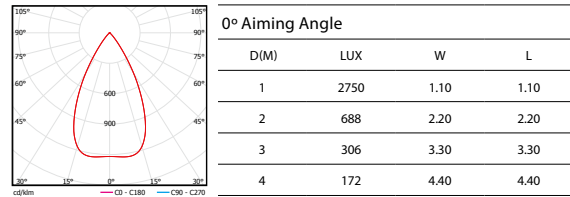
TL37SLM38-D-2930BK



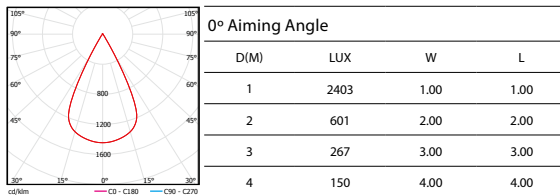
TL37SLM38-D-3930BK



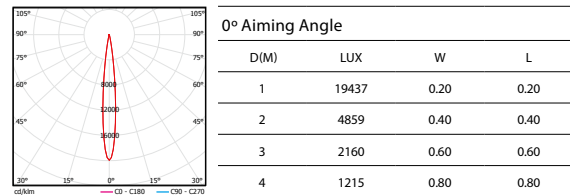
TL37SLM38-D-5930BK



TL37SLM38-D-F930BK-MAX

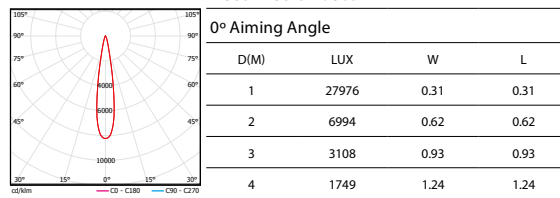


TL37SLM38-D-F930BK-MIN

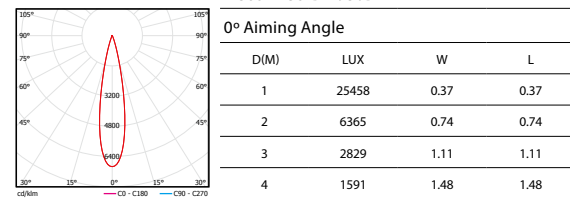


T38S

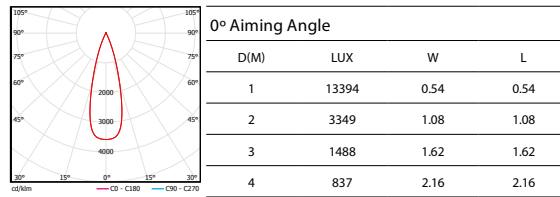
TL38SLM38-D-1930BK



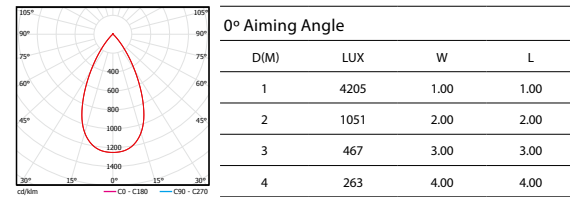
TL38SLM38-D-2930BK



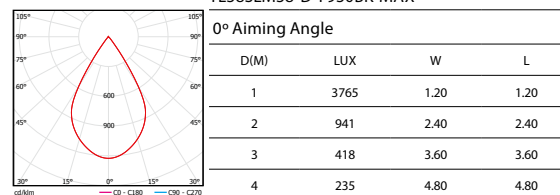
TL38SLM38-D-3930BK



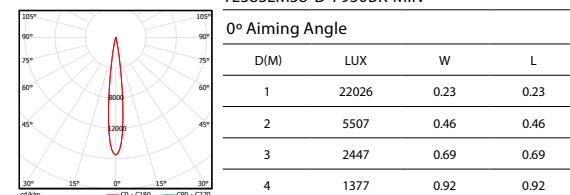
TL38SLM38-D-5930BK



TL38SLM38-D-F930BK-MAX



TL38SLM38-D-F930BK-MIN

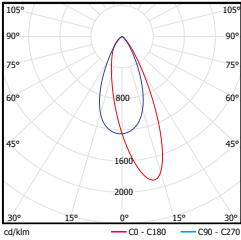


Light Distribution

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

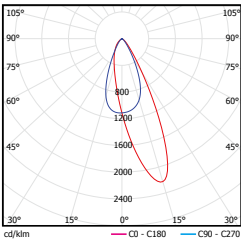


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	84	79	84	79	84
2.30	128	136	128	136	124
1.90	141	153	141	153	141
1.50	135	142	135	142	134
1.10	114	119	114	119	114
0.70	91	95	92	94	91
0.30	72	74	72	74	71

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

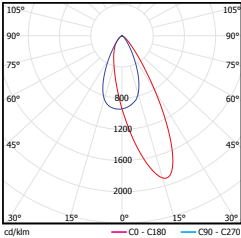


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
3.40	97	90	98	91	98
3.00	182	179	183	179	182
2.60	218	235	219	235	218
2.20	233	249	233	248	232
1.80	226	235	227	235	226
1.40	198	200	199	200	197
1.00	162	167	163	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- WWW	LENS-TL35-EEWT	LENS-TL35-SSWT	LENS-TL35-MMWT	LENS-TL35-LLWT	LENS-TL35-RGWT	LENS-TL35-PFWT	LENS-TL35-HSWT
TL36S	LENS-TL36- WWW	LENS-TL36-EEWT	LENS-TL36-SSWT	LENS-TL36-MMWT	LENS-TL36-LLWT	LENS-TL36-RGWT	LENS-TL36-PFWT	LENS-TL36-HSWT
TL37S	LENS-TL37- WWW	LENS-TL37-EEWT	LENS-TL37-SSWT	LENS-TL37-MMWT	LENS-TL37-LLWT	LENS-TL37-RGWT	LENS-TL37-PFWT	LENS-TL37-HSWT
TL38S	LENS-TL38- WWW	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 MOD- ULE BLACK (CLASS VI)	ON-BOARD+0-10V DIMMING MOD- ULE 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

注意：最多可加装六类配件，每类配件最多同时只加装一个，需另外订购

MERE COB zoom



TL36S

TL38S

Specifications



- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜 + 电子变焦模块
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 参照配件表, 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图

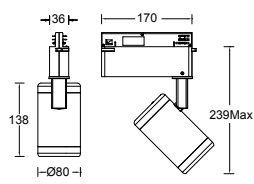
- 光源类型: COB
- 光源色温、光源光通量:
TL36S 3000K: 2120lm 18W
- TL38S 3000K: 3950lm 18W / 5000lm 48W
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 2 SDCM
- 产品重量: 1Kg / 3.9Kg

Product Features/Optics



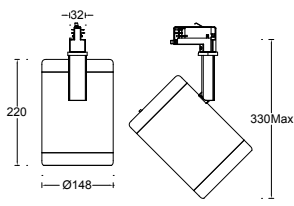
电子变焦

Product Parameters



Model	LED Power	Dimming	Beam	CRI	CCT	Finish
TL36S	LM18 COB 18W	B APP	Z zoom	9	27	WT White
				A 90	30	BK Black
				97	35	
					40	
					CC 2700-6000K	

Example: TL36SLM18-B-Z930WT



Model	LED Power	Dimming	Beam	CRI	CCT	Finish
TL38S	LM38 COB 38W LM48 COB 48W	B APP	Z zoom	9	27	WT White
				A 90	30	BK Black
				97	35	
					40	
					CC 2700-6000K	

Example: TL38SLM48-B-Z930WT



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中国，上海

此凸筋须与轨道底部凹槽同侧



SWALLOW

丰富光型选择

丰富光型选择，为不同尺寸展品“量体裁衣”



超窄5°



最大55°



10°x30°

SWALLOW PRO



TL21H

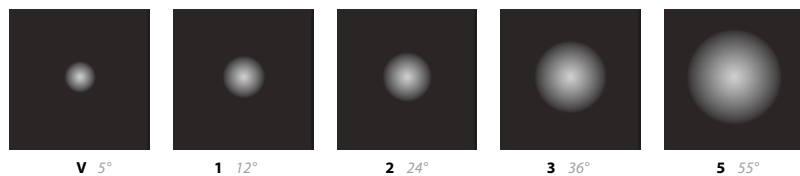
TL22H

Specifications



- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: COB
- 光源色温、光源光通量:
TL21H 3000K :650lm(6W) / 720lm(8W) / 1250lm(12W)
TL22H 3000K :1970lm(18W) /2880lm(28W) / 3520lm(38W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.6Kg / 1.3Kg

Product Features/Optics



V 5°

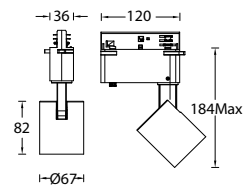
1 12°

2 24°

3 36°

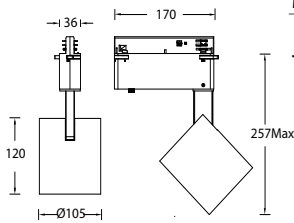
5 55°

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°			

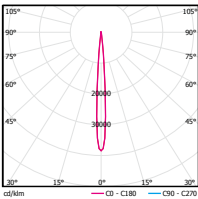
Example : TL21HLM08-O-V930WT



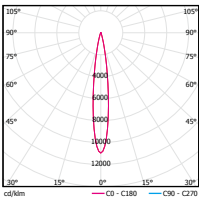
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL22H	LM18 18W LM28 28W LM38 38W	17696cd(18W @3000K 12°) 6491cd(18W @3000K 24°) 2999cd(18W @3000K 36°) 1536cd(18W @3000K 50°) 25010cd(28W @3000K 12°) 10525cd(28W @3000K 24°) 4691cd(28W @3000K 36°) 2541cd(28W @3000K 50°) 34012cd(38W @3000K 12°) 13670cd(38W @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

TL21H

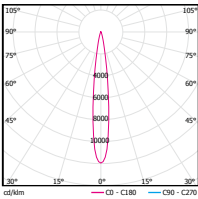


TL21HLM08-O-V930			
0° AIMING ANGLE			
D(M)	LUX	W	L
1	30686	0.10	0.10
2	7672	0.20	0.20
3	3410	0.29	0.29
4	1918	0.39	0.39

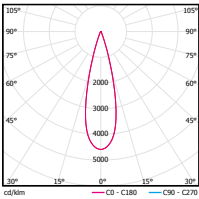


TL21HLM12-O-1930			
0° Aiming Angle			
D(M)	LUX	W	L
1	8896	0.25	0.25
2	2224	0.50	0.50
3	988	0.78	0.78
4	556	1.03	1.03

TL22H



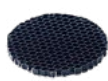
TL22HLM18-O-1930			
0° AIMING ANGLE			
D(M)	LUX	W	L
1	17696	0.25	0.25
2	4424	0.50	0.50
3	1966	0.62	0.62
4	1106	0.87	0.87



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

注意: TL21HLM08 仅支持安装“二类配件”和“三类配件”; 其他规格可最多加装三个光学配件, 每类配件最多同时只加装一个

SWALLOW II



TL25S

TL26S

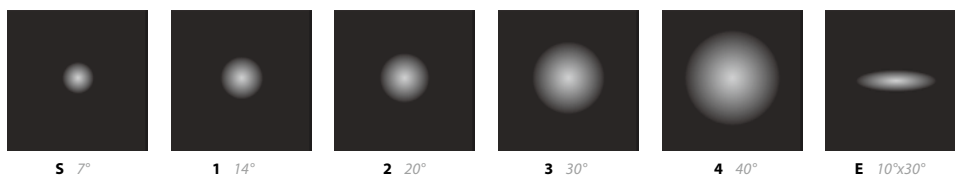
TL27S

Specifications

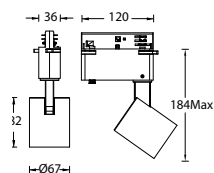


- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源色温、光源光通量:
 - TL25S 3000K :525lm(6W) / 735lm(9W)
 - TL26S 3000K :735lm(9W) / 1050lm(12W) / 1470lm(18W) / 1960lm(24W)
 - TL27S 3000K :1225lm(15W) / 2625lm(30W) / 2940lm(36W) / 3675lm(45W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.6Kg / 1.3Kg / 2.3Kg

Product Features/Optics

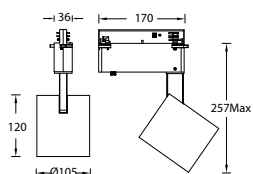


Product Parameters



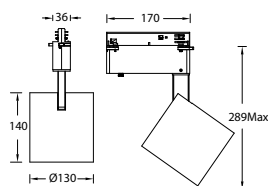
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL25S	LD06 6W	11125cd(6W @3000K 7°)	O On-board D 0-10V Dimming	S 7°	9 90 A 97	30 3000K 40 4000K	BK Black WT White
	LD09 9W	3627cd(6W @3000K 14°) 2542cd(6W @3000K 20°) 1090cd(6W @3000K 30°) 682cd(6W @3000K 40°) 2672cd(6W @3000K 10°x30°) 14845cd(9W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

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°			

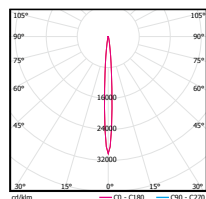
Example : TL26SLD12-O-1930WT



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

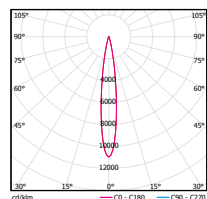
TL25S



TL25SLD09-O-S930

0° AIMING ANGLE

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

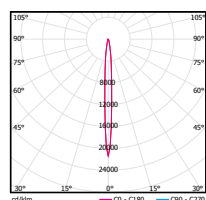


TL25SLD09-1930

0° Aiming Angle

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

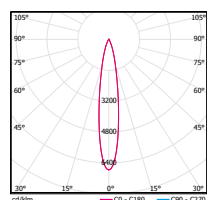
TL26S



TL26SLD18-O-S930

0° AIMING ANGLE

D(M)	LUX	W	L
1	18043	0.12	0.12
2	4511	0.24	0.24
3	2005	0.36	0.36
4	1128	0.48	0.48

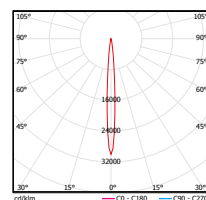


TL26SLD18-O-1930

0° Aiming Angle

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

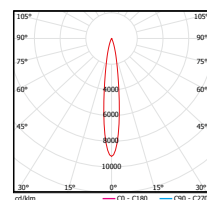
TL27S



TL27SLD36-O-S930

0° AIMING ANGLE

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



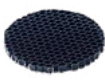
TL27SLD36-O-1930

0° Aiming Angle

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

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

注意：最多可加装三个光学配件，每类配件最多同时只加装一个

SWALLOW III HP



TL41H

TL42H

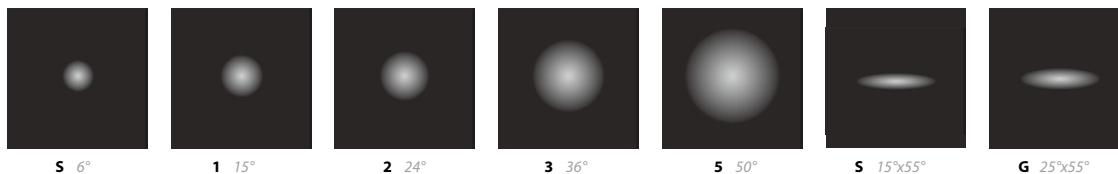
TL43H

Specifications

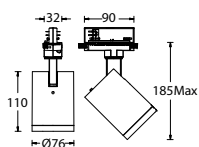


- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜 + 变光镜片
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源色温、光源光通量:
 - TL41H 3000K :800lm(4x2W) / 1200lm(4x3W)
 - TL42H 3000K :1200lm(9x1.3W) / 1800lm(9x2W) / 2400lm(9x2.7W)
 - TL43H 3000K :2410lm(16x1.5W) / 3190lm(16x2W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 2 SDCM
- 产品重量: 0.8Kg / 1.1Kg / 1.3Kg

Product Features/Optics

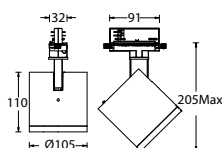


Product Parameters



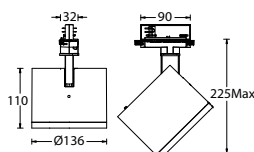
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL41H	LD08 LED 8W	8896cd(12W @3000K 12°)	O On-board	S 6°	9 90	30 3000K	BK Black
	LD12 LED 12W	5963cd(12W @3000K 24°) 2546cd(12W @3000K 36°) 1200cd(12W @3000K 55°)	D 0-10V & On-board A DALI	1 15° 2 24° 3 36° 5 50° E 15°x55° G 25°x55° W Wall Washer	A 97	35 3500K 40 4000K	WT White

Example : TL41HLD12-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL42H	LD12 LED 12W	12921cd(12W @3000K 6°)	O On-board	S 6°	9 90	30 3000K	BK Black
	LD18 LED 18W LD24 LED 24W	4234cd(12W @3000K 15°) 4016cd(12W @3000K 24°) 1713cd(12W @3000K 36°) 1223cd(12W @3000K 50°) 3114cd(12W @3000K 25°x55°) 18043cd(18W @3000K 6°) 5876cd(18W @3000K 15°) 5587cd(18W @3000K 24°) 2377cd(18W @3000K 36°) 1694cd(18W @3000K 50°) 4528cd(18W @3000K 25°x55°) 36110cd(24W @3000K 6°) 9286cd(24W @3000K 15°) 7430cd(24W @3000K 24°) 3315cd(24W @3000K 36°) 2369cd(24W @3000K 50°) 10664cd(24W @3000K 25°x55°)	D 0-10V & On-board A DALI	1 15° 2 24° 3 36° 5 50° E 15°x55° G 25°x55° W Wall Washer	A 97	35 3500K 40 4000K	WT White

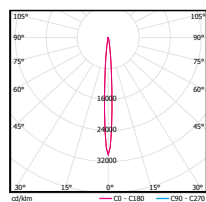
Example : TL42HLD24-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL43H	LD24 LED 24W	50350cd(24W @3000K 6°)	O On-board	S 6°	9 90	30 3000K	BK Black
	LD32 LED 32W	15105cd(24W @3000K 15°) 11284cd(24W @3000K 24°) 5495cd(24W @3000K 36°) 3434cd(24W @3000K 50°) 13668cd(24W @3000K 25°x55°) 55169cd(32W @3000K 6°) 17344cd(32W @3000K 15°) 12378cd(32W @3000K 24°) 6125cd(32W @3000K 36°) 3647cd(32W @3000K 50°) 16027cd(32W @3000K 25°x55°)	D 0-10V & On-board A DALI	1 15° 2 24° 3 36° 5 50° E 15°x55° G 25°x55° W Wall Washer	A 97	35 3500K 40 4000K	WT White

Example : TL43HLD32-O-2930WT

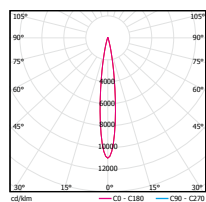
TL41H



TL41HLD08-O-S930

0° AIMING ANGLE

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

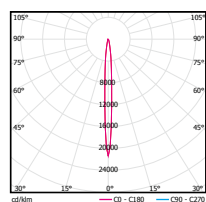


TL41HLD08-O-1930

0° Aiming Angle

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

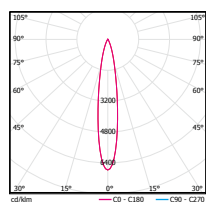
TL42H



TL42HLD18-O-S930

0° AIMING ANGLE

D(M)	LUX	W	L
1	18043	0.12	0.12
2	4511	0.24	0.24
3	2005	0.36	0.36
4	1128	0.48	0.48

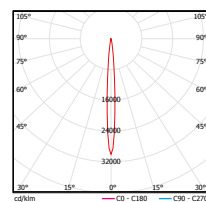


TL42HLD18-O-1930

0° Aiming Angle

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

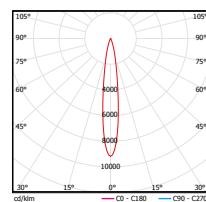
TL43H



TL43HLD32-O-S930

0° AIMING ANGLE

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



TL43HLD32-O-1930

0° Aiming Angle

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

Accessories

LENSES/FILTERS

Model	6D DIFFU- SION LENS (CLASS I) 	15D DIFFU- SION LENS (CLASS I) 	24D DIFFU- SION LENS (CLASS I) 	36D DIFFU- SION LENS (CLASS I) 	50D DIFFU- SION LENS (CLASS I) 	WALL WASHER LENS (CLASS I) 	BEAM ELON- GATOR (CLASS I) 	BEAM ELON- GATOR (CLASS I) 	HONEYCOMB (CLASS I) 
TL41H	LENS-TL41-01WT LENS-TL41-01BK	LENS-TL41-01WT LENS-TL41-01BK	LENS-TL41-02WT LENS-TL41-02BK	LENS-TL41-03WT LENS-TL41-03BK	LENS-TL41-05WT LENS-TL41-05BK	LENS-TL41-WWWT LENS-TL41-WWBK	LENS-TL41-EEWT LENS-TL41-EEBK	LENS-TL41-GGWT LENS-TL41-GGBK	LENS-TL41HCM-WT LENS-TL41HCM-BK
TL42H	LENS-TL42-01WT LENS-TL42-01BK	LENS-TL42-01WT LENS-TL42-01BK	LENS-TL42-02WT LENS-TL42-02BK	LENS-TL42-03WT LENS-TL42-03BK	LENS-TL42-05WT LENS-TL42-05BK	LENS-TL42-WWWT LENS-TL42-WWBK	LENS-TL42-EEWT LENS-TL42-EEBK	LENS-TL42-GGWT LENS-TL42-GGBK	LENS-TL42HCM-WT LENS-TL42HCM-BK
TL43H	LENS-TL43-01WT LENS-TL43-01BK	LENS-TL43-01WT LENS-TL43-01BK	LENS-TL43-02WT LENS-TL43-02BK	LENS-TL43-03WT LENS-TL43-03BK	LENS-TL43-05WT LENS-TL43-05BK	LENS-TL43-WWWT LENS-TL43-WWBK	LENS-TL43-EEWT LENS-TL43-EEBK	LENS-TL43-GGWT LENS-TL43-GGBK	LENS-TL43HCM-WT LENS-TL43HCM-BK

OPTICAL ACCESSORIES

Model	SNOOT (CLASS II) 	BARN DOOR (CLASS II) 	SAFETY LIFTING ROPE (CLASS III) 
TL41H	LENS-TL41-SNT-WT LENS-TL41-SNT-BK	LENS-TL41-BD-WT LENS-TL41-BD-BK	PART-TL4ROPE-WT PART-TL4ROPE-BK
TL42H	LENS-TL42-SNT-WT LENS-TL42-SNT-BK	LENS-TL42-BD-WT LENS-TL42-BD-BK	PART-TL4ROPE-WT PART-TL4ROPE-BK
TL43H	LENS-TL43-SNT-WT LENS-TL43-SNT-BK	LENS-TL43-BD-WT LENS-TL43-BD-BK	PART-TL4ROPE-WT PART-TL4ROPE-BK

注意：一、二类配件可叠加使用，建议最多加装三个光学配件；
三类配件 TL41H/TL42H 需单独订购，TL43H 为默认自带。

SWALLOW III COB



TL41H

TL42H

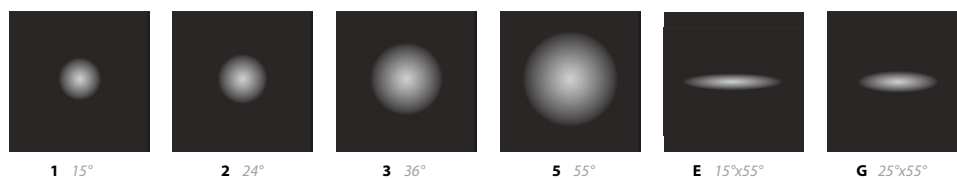
TL43H

Specifications



- 主体材质：铝合金压铸灯体
- 光学系统：透镜 + 变光镜片
- 表面处理：静电粉末喷涂
- 投射方向：水平 0° -365°调节；竖直 0° -90°调
- 配件 / 支架：最多可加装三个光学配件；每类配件最多同时只加装一个
- 接线示意：详情请参考本目录册最后接线示意图
- 光源类型：COB
- 光源色温、光源光通量：
 - TL41H 3000K : 950lm(1x9W) / 1270lm(1x12W)
 - TL42H 3000K : 1420lm(1x12W) / 2120lm(1x18W) / 2690lm(1x25W)
 - TL43H 3000K : 2610lm(1x24W) / 3350lm(1x32W) / 4120lm(1x40W)
- 光源寿命：>50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差：2 SDCM
- 产品重量：0.7Kg / 1.3Kg / 1.6Kg

Product Features/Optics



1 15°

2 24°

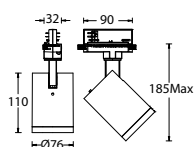
3 36°

5 55°

E 15°x55°

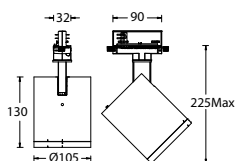
G 25°x55°

Product Parameters



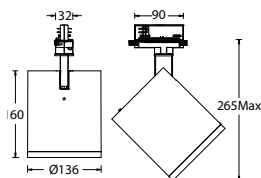
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL41H	LM06 COB 6W	8896cd(12W @3000K 12°)	O On-board	1 12°	9 90	30 3000K	BK Black
	LM12 COB 12W	5963cd(12W @3000K 24°) 2546cd(12W @3000K 36°) 1200cd(12W @3000K 55°)	D 0-10V & On-board A DALI	2 24° 3 36° 5 55° E 15°x55° G 25°x55° W Wall Washer	A 97	35 3500K 40 4000K	WT White

Example : TL41HLM12-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL42H	LM12 COB 12W	17696cd(18W @3000K 12°)	O On-board	1 12°	9 90	30 3000K	BK Black
	LM18 COB 18W LM25 COB 25W	6491cd(18W @3000K 24°) 2999cd(18W @3000K 36°) 1536cd(18W @3000K 50°) 25010cd(25W @3000K 12°) 10525cd(25W @3000K 24°) 4691cd(25W @3000K 36°) 2541cd(25W @3000K 50°)	D 0-10V & On-board A DALI	2 24° 3 36° 5 55° E 15°x55° G 25°x55° W Wall Washer	A 97	35 3500K 40 4000K	WT White

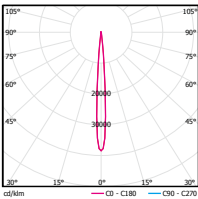
Example : TL42HLM25-O-2930WT



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL43H	LM24 COB 24W	15105cd(24W @3000K 12°)	O On-board	1 12°	9 90	30 3000K	BK Black
	LM32 COB 32W	11284cd(24W @3000K 24°) 5495cd(24W @3000K 36°) 3434cd(24W @3000K 50°) 17344cd(32W @3000K 12°) 12378cd(32W @3000K 24°) 6125cd(32W @3000K 36°) 3647cd(32W @3000K 50°)	D 0-10V & On-board A DALI	2 24° 3 36° 5 55° E 15°x55° G 25°x55° W Wall Washer	A 97	35 3500K 40 4000K	WT White

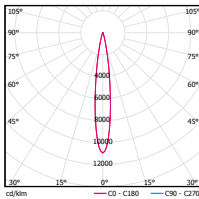
Example : TL43HLM32-O-2930WT

TL41H



TL41HLM06-O-1930

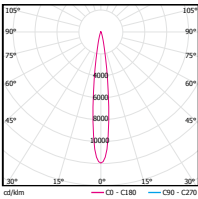
0° AIMING ANGLE			
D(M)	LUX	W	L
1	30686	0.10	0.10
2	7672	0.20	0.20
3	3410	0.29	0.29
4	1918	0.39	0.39



TL41HLM12-O-1930

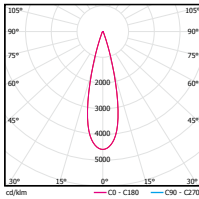
0° Aiming Angle			
D(M)	LUX	W	L
1	8896	0.25	0.25
2	2224	0.50	0.50
3	988	0.78	0.78
4	556	1.03	1.03

TL42H



TL42HLM18-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



TL42HLM18-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

LENSES/FILTERS

Model	12D DIFFUSION LENS (CLASS I) 	24D DIFFUSION LENS (CLASS I) 	36D DIFFUSION LENS (CLASS I) 	55D DIFFUSION LENS (CLASS I) 	WALL WASHER LENS (CLASS I) 	BEAM ELONGATOR (CLASS I) 
TL41H	LENS-TL41-01WT LENS-TL41-01BK	LENS-TL41-02WT LENS-TL41-02BK	LENS-TL41-03WT LENS-TL41-03BK	LENS-TL41-05WT LENS-TL41-05BK	LENS-TL41-WWWT LENS-TL41-WWBK	LENS-TL41-EEWT LENS-TL41-EEBK
TL42H	LENS-TL42-01WT LENS-TL42-01BK	LENS-TL42-02WT LENS-TL42-02BK	LENS-TL42-03WT LENS-TL42-03BK	LENS-TL42-05WT LENS-TL42-05BK	LENS-TL42-WWWT LENS-TL42-WWBK	LENS-TL42-EEWT LENS-TL42-EEBK
TL43H	LENS-TL43-01WT LENS-TL43-01BK	LENS-TL43-02WT LENS-TL43-02BK	LENS-TL43-03WT LENS-TL43-03BK	LENS-TL43-05WT LENS-TL43-05BK	LENS-TL43-WWWT LENS-TL43-WWBK	LENS-TL43-EEWT LENS-TL43-EEBK

OPTICAL ACCESSORIES

Model	HONEYCOMB (CLASS II) 	SNOOT (CLASS III) 	BARN DOOR (CLASS III) 
TL41H	LENS-TL41HCM-WT LENS-TL41HCM-BK	LENS-TL41-SNT-WT LENS-TL41-SNT-BK	LENS-TL41-BD-WT LENS-TL41-BD-BK
TL42H	LENS-TL42HCM-WT LENS-TL42HCM-BK	LENS-TL42-SNT-WT LENS-TL42-SNT-BK	LENS-TL42-BD-WT LENS-TL42-BD-BK
TL43H	LENS-TL43HCM-WT LENS-TL43HCM-BK	LENS-TL43-SNT-WT LENS-TL43-SNT-BK	LENS-TL43-BD-WT LENS-TL43-BD-BK

注意：一、二类配件可叠加使用，建议最多加装三个光学配件；
三类配件 TL41H/TL42H 需单独订购，TL43H 为默认自带。

SWALLOW WALL WASHER



TL21W

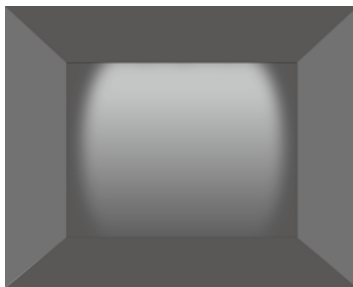
TL22W

Specifications



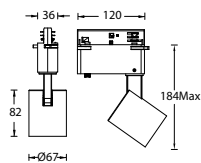
- 主体材质: 铝合金压铸灯体
- 光学系统: 双重透镜
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 可加装光学配件
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: COB
- 光源色温、光源光通量:
TL21W 3000K :650lm(6W) / 1250lm(12W)
TL22W 3000K :1970lm(18W) / 2880lm(28W) / 3520lm(38W))
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.6Kg / 1.3Kg

Product Features/Optics



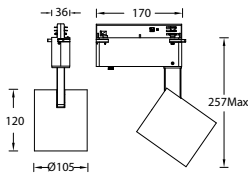
W Wall Washer

Product Parameters



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

Example : TL21WLM06-O-W930WT



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

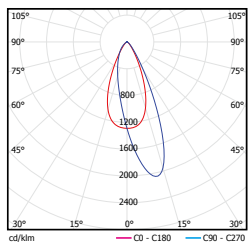
Example : TL22WLM18-O-W930WT

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 :

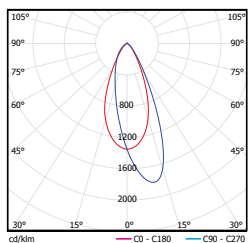
Number of luminaires: n > 5
Wall height (m): 3.0
Angle of tilt: 30°
Offset from wall (m): 0.9
Luminaire spacing (m): 1

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

OPTICAL ACCESSORIES

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

注意：需单独订购

SWALLOW TUNABLE

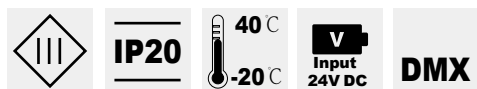


TL25H

TL26H

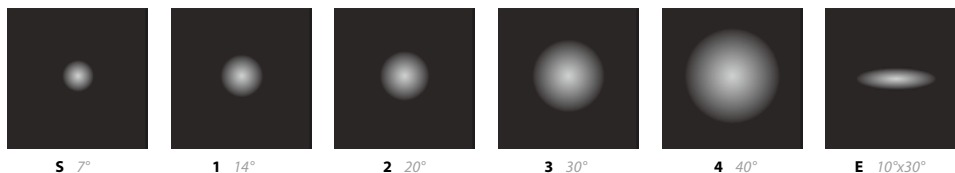
TL27H

Specifications



- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源颜色、光源光通量:
 - 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
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 产品重量: 0.6Kg / 1.3Kg / 2.0Kg

Product Features/Optics



S 7°

1 14°

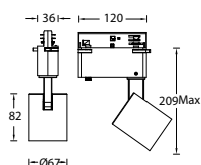
2 20°

3 30°

4 40°

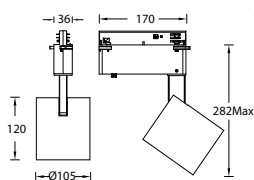
E 10°x30°

Product Parameters



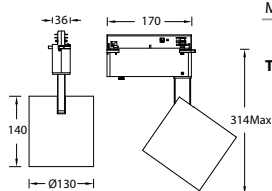
Model	LED Power	System CBCP	Dimming	Beam	CCT	Finish
TL25H	LD06 6W	4326cd(6W 7°) 2322cd(6W 14°) 1592cd(6W 20°) 820cd(6W 30°) 531cd(6W 40°) 1381cd(6W 10°x30°)	M DMX512 Dimming 24V DC Power Supply	S 7° 1 14° 2 20° 3 30° 4 40° E 10°x30°	FC R+G+B	BK Black WT White

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

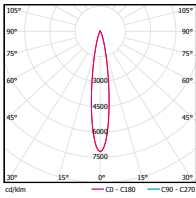
Example : TL26HLD12-M-2FCBK



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

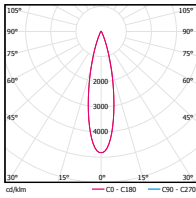
TL25H



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

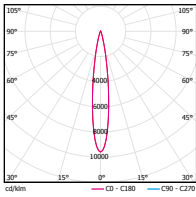


TL25HLD06-M-2FCBK

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

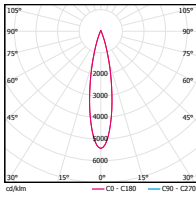
TL26H



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

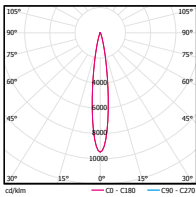


TL26HLD18-M-2FCBK

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

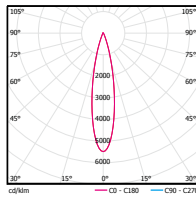
TL27H



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

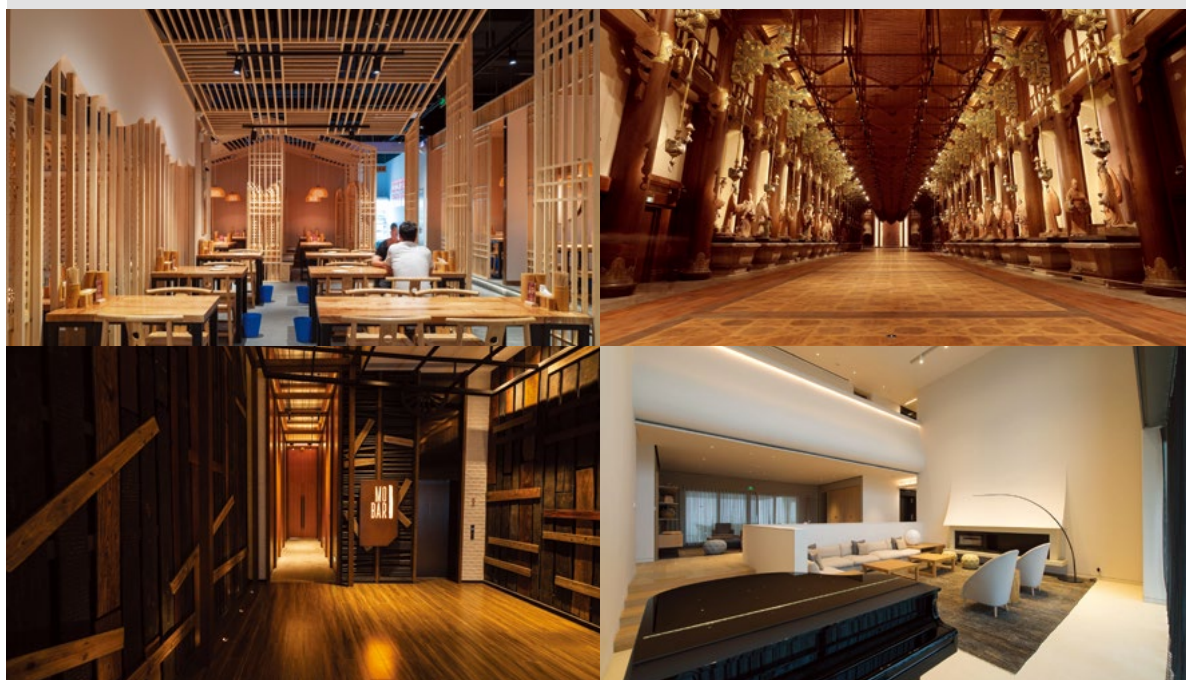
注意：最多可加装三个光学配件，每类配件最多同时只加装一个



嘉州 "叶婆婆" 汇景广场店
四川, 成都

SILO

以实际项目经验为主导综合开发，准确把握市场趋势，产品更加可靠与稳定，亦可匹配各种商业项目。



SILO PRO



TL15H

TL16H

TL17H

Specifications



- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜 + 反射器
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -355°调节; 竖直 0° -90°调节
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: COB
- 光源色温、光源光通量:
 - TL15H 3000K :800lm(6W) / 1260lm(12W)
 - TL16H 3000K :2120lm(18W) /2830lm(26W)
 - TL17H 3000K :3530lm(34W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



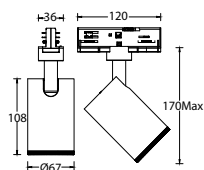
1 13°

2 24°

3 36°

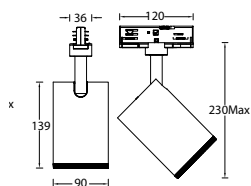
5 55°

Product Parameters



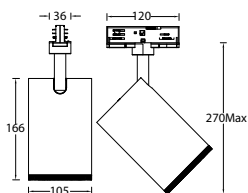
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL15H	LM06 COB 6W	5986cd (@6W 3000K 13°)	O On-board	1 13°	9 90	27 2700K	BK Black
	LM12 COB 12W	4564cd (@6W 3000K 24°) 1321cd (@6W 3000K 35°) 476cd (@6W 3000K 55°) 946cd (@12W 3000K 13°) 7216cd (@12W 3000K 24°) 2089cd (@12W 3000K 35°) 753cd (@12W 3000K 55°)	A DALI D 0-10V Dimming	2 24° 3 36° 5 55°		30 3000K 40 4000K 50 5000K	

Example : TL15HLM12-O-2930WT



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

Example : TL16HLM18-O-2930WT

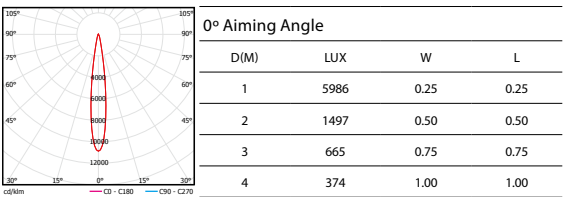


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL17H	LM34 COB 34W	33432cd (@34W 3000K 13°)	O On-board	1 13°	9 90	27 2700K	BK Black
		13443cd (@34W 3000K 24°) 6154cd (@34W 3000K 35°) 3104cd (@34W 3000K 55°)	A DALI D 0-10V Dimming	2 24° 3 36° 5 55°		30 3000K 40 4000K 50 5000K	

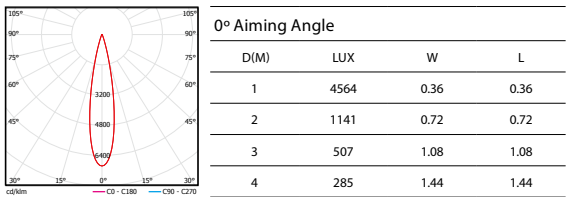
Example : TL17HLM34-O-2930WT

TL15H

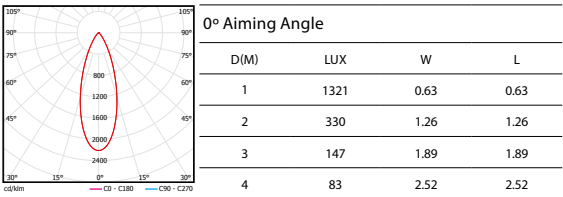
TL15HLM06-O-1930



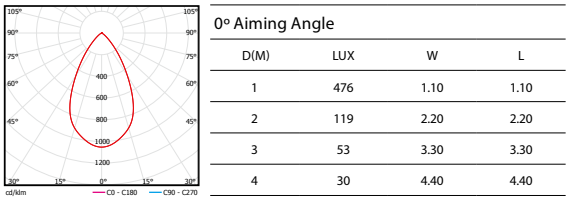
TL15HLM06-O-2930



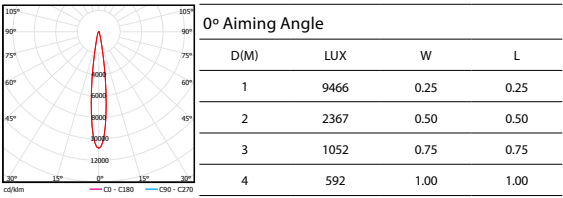
TL15HLM06-O-3930



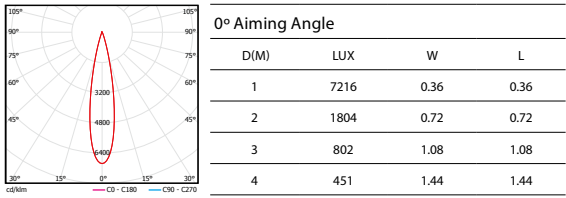
TL15HLM06-O-5930



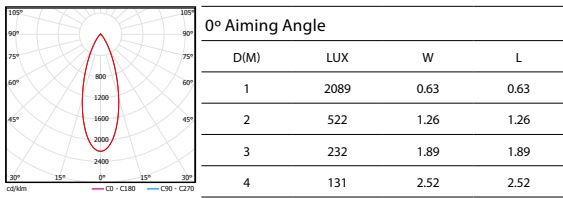
TL15HLM12-O-1930



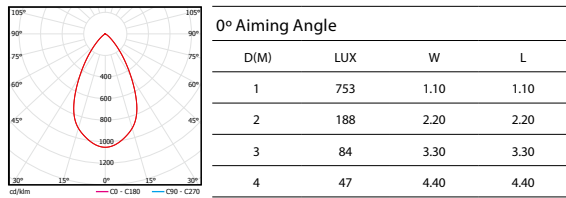
TL15HLM12-O-2930



TL15HLM12-O-3930



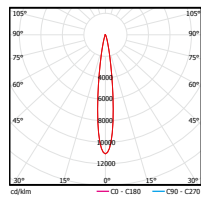
TL15HLM12-O-5930



Light Distribution

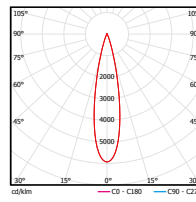
TL16H

TL16HLM18-O-3930



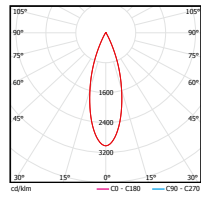
0° Aiming Angle			
D(M)	LUX	W	L
1	17728	0.25	0.25
2	4432	0.50	0.50
3	1970	0.75	0.75
4	1108	1.00	1.00

TL16HLM18-O-2930



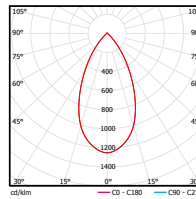
0° Aiming Angle			
D(M)	LUX	W	L
1	9782	0.39	0.39
2	2446	0.78	0.78
3	1087	1.17	1.17
4	611	1.56	1.56

TL16HLM18-O-3930



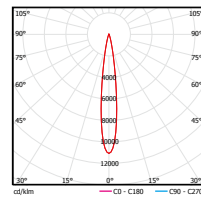
0° Aiming Angle			
D(M)	LUX	W	L
1	4945	0.57	0.57
2	1236	1.14	1.14
3	549	1.71	1.71
4	309	2.28	2.28

TL16HLM18-O-5930



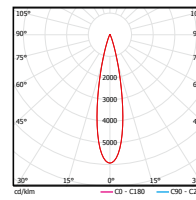
0° Aiming Angle			
D(M)	LUX	W	L
1	1777	0.98	0.98
2	444	1.96	1.96
3	197	2.94	2.94
4	111	3.92	3.92

TL16HLM26-O-1930



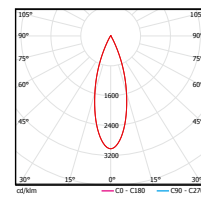
0° Aiming Angle			
D(M)	LUX	W	L
1	23504	0.25	0.25
2	5876	0.50	0.50
3	2612	0.75	0.75
4	1469	1.00	1.00

TL16HLM26-O-2930



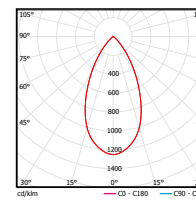
0° Aiming Angle			
D(M)	LUX	W	L
1	12969	0.39	0.39
2	3242	0.78	0.78
3	1441	1.17	1.17
4	811	1.56	1.56

TL16HLM26-O-3930



0° 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

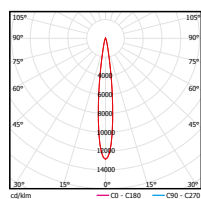
TL16HLM26-O-5930



0° 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

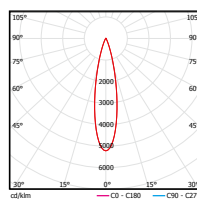
TL17H

TL17HLM34-O-1930



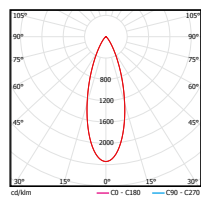
0° Aiming Angle			
D(M)	LUX	W	L
1	33432	0.23	0.23
2	8358	0.46	0.46
3	3715	0.69	0.69
4	2090	0.92	0.92

TL17HLM34-O-2930



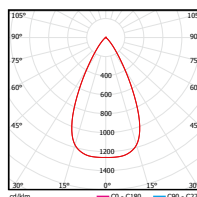
0° Aiming Angle			
D(M)	LUX	W	L
1	13443	0.39	0.39
2	3361	0.78	0.78
3	1494	1.17	1.17
4	840	1.56	1.56

TL17HLM34-O-3930



0° 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



0° 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 (CLASS III) 
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

注意：最多可加装三个光学配件，每类配件最多同时只加装一个

SILO FOCUS



TL15F

TL16F

TL17F

Specifications



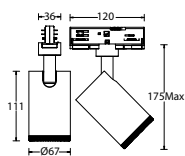
- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜 + 反射器
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -355°调节; 竖直 0° -90°调节
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: COB
- 光源色温、光源光通量:
 - TL15F 3000K :670lm (6W) / 1200lm (12W)
 - TL16F 3000K :1700lm(18W) /2500lm(26W)
 - TL17F 3000K :3530lm(34W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



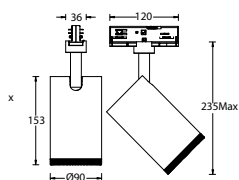
F 12°-50°

Product Parameters



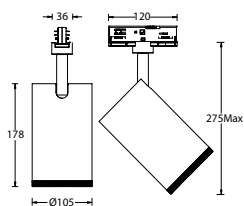
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
TL15F	LM06 COB 6W	2395cd (@6W 3000K 12°)	O On-board	F 12°-50°	9 90	27 2700K	BK Black
	LM12 COB 12W	424cd (@6W 3000K 50°)	A DALI			30 3000K	WT White
		3187cd (@12W 3000K 12°)	D 0-10V Dimming			40 4000K	
		616cd (@12W 3000K 50°)				50 5000K	

Example : TL15FLM06-O-F930WT



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

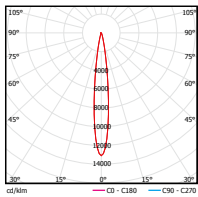
Example : TL16FLM18-O-F930WT



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	F 12°-50°	9 90	27 2700K	BK Black
			A DALI			30 3000K	WT White
			D 0-10V Dimming			40 4000K	
						50 5000K	

Example : TL17FLM34-O-F930WT

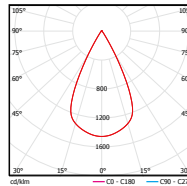
TL15F



TL15FLM06-O-F930(MIN)

0° AIMING ANGLE

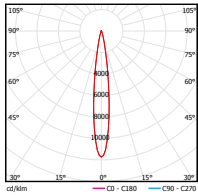
D(M)	LUX	W	L
1	2395	0.23	0.23
2	599	0.46	0.46
3	266	0.69	0.69
4	150	0.92	0.92



TL15FLM06-O-F930(MAX)

0° Aiming Angle

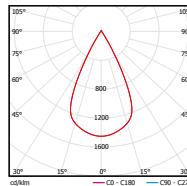
D(M)	LUX	W	L
1	424	0.99	0.99
2	106	1.98	1.98
3	47	2.97	2.97
4	27	3.96	3.96



TL15FLM12-O-F930(Min)

0° AIMING ANGLE

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

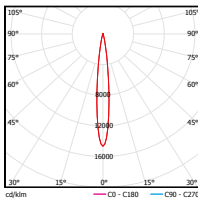


TL15FLM12-O-F930(Max)

0° Aiming Angle

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

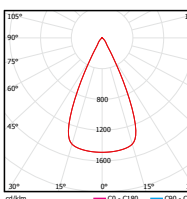
TL16F



TL16FLM18-O-F930(MIN)

0° AIMING ANGLE

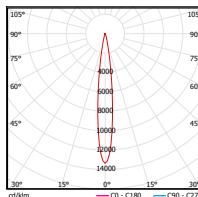
D(M)	LUX	W	L
1	4670	0.21	0.21
2	1168	0.42	0.42
3	519	0.63	0.63
4	292	0.84	0.84



TL16FLM18-O-F930(MAX)

0° Aiming Angle

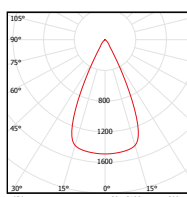
D(M)	LUX	W	L
1	689	0.93	0.93
2	172	1.86	1.86
3	77	2.79	2.79
4	43	3.72	3.72



TL16FLM26-O-F930(Min)

0° 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

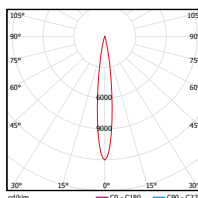


TL16FLM26-O-F930(Max)

0° 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

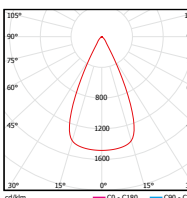
TL17F



TL17FLM34-O-F930(Min)

0° 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)

0° 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

注意：最多可加装三个光学配件，每类配件最多同时只加装一个

SILO PRO WALL WASHER



TL15W

TL16W

TL17W

Specifications



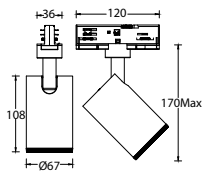
- 主体材质：铝合金压铸灯体
- 光学系统：透镜 + 反射器
- 表面处理：静电粉末喷涂
- 投射方向：水平 0° -355°调节；竖直 0° -90°调节
- 配件 / 支架：最多可加装三个光学配件；每类配件最多同时只加装一个
- 接线示意：详情请参考本目录册最后接线示意图
- 光源类型：COB
- 光源色温、光源光通量：
 - TL15W 3000K :800lm (6W) / 1330lm (12W)
 - TL16W 3000K :2120lm(18W) /2830lm(26W)
 - TL17W 3000K :3530lm(34W)
- 光源寿命：>50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差：3 SDCM
- 产品重量：0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



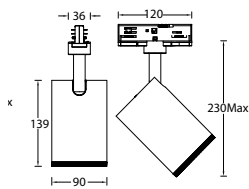
W Wall Washer

Product Parameters



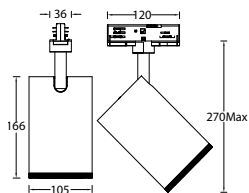
Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
TL15W	LM06 COB 6W	519lm(@6W 3000K)	O On-board	W Wall Washer	9 90	27 2700K	BK Black
	LM12 COB 12W	822lm(@12W 3000K)	A DALI			30 3000K	
			D 0-10V Dimming			40 4000K	
						50 5000K	

Example : TL15WLM12-O-W930WT



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

Example : TL16WLM18-O-W930WT



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

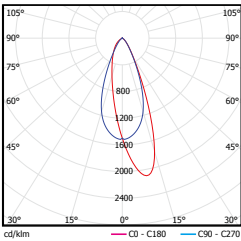
Example : TL17WLM34-O-W930WT

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

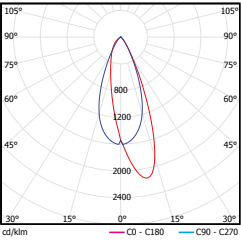


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	93	90	93	89	93
2.30	149	167	149	167	148
1.90	162	191	162	191	162
1.50	159	180	159	180	158
1.10	142	156	143	156	142
0.70	117	126	118	126	117
0.30	96	101	97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

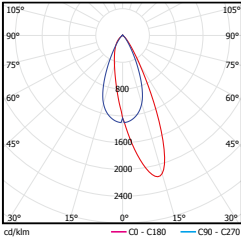


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
3.40	81	78	83	79	82
3.00	199	195	199	194	199
2.60	243	278	244	278	243
2.20	255	301	256	301	255
1.80	256	289	256	289	255
1.40	237	266	239	266	237
1.00	210	234	212	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

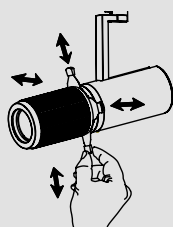
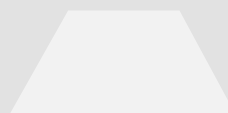
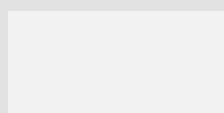
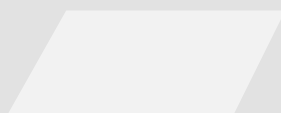
注意：需单独订购



GOBO PRO



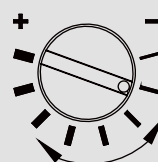
自由裁切光斑形状



自定义裁切
改变光斑形状



调整光斑大小与出光效果



调节照射亮度

GOBO PRO



TL56FLM10-O-R

TL57FLM25-O-R

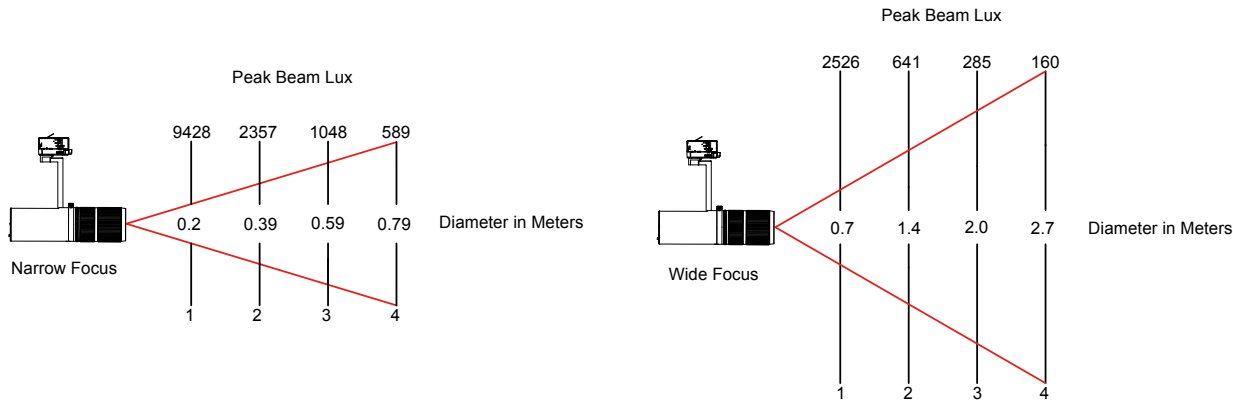
TL57FLM25-O-F

Specifications

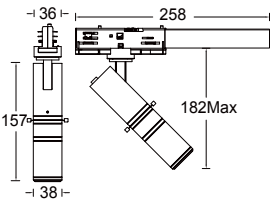


- 主体材质：铝合金压铸灯体
- 光学系统：多组光学透镜
- 表面处理：静电粉末喷涂
- 投射方向：水平 0° -355°调节；竖直 0° -90°调节
- 配件 / 支架：GOBO 片
- 接线示意：详情请参考本目录册最后接线示意图
- 光源类型：COB
- 光源色温、光源光通量：
TL56F 3000K 1000lm
TL57F 3000K 2600lm
- 光源寿命：>50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差：2 SDCM
- 产品重量：0.45kg / 1.8Kg

Product Features/Optics



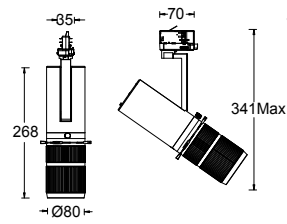
Product Parameters



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 35 3500K 40 4000K	BK Black WT White

Example : TL56FLM10-O-R930WT

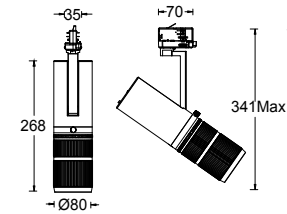
注意：Beam 栏代码中 R 代表四叶遮挡切光，出厂默认自带此光学配件



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 35 3500K 40 4000K	BK Black WT White

Example : TL57FLM25-O-F930WT

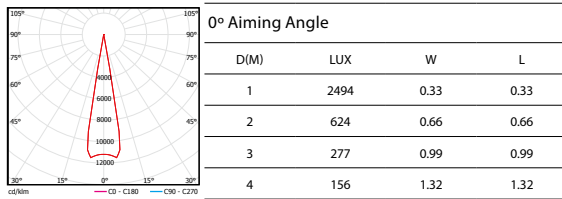
注意：Beam 栏代码中 R 代表四叶遮挡切光，F 代表圆形变径切光，出厂默认自带此光学配件



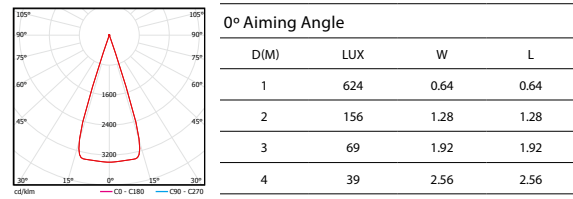
Light Distribution

TL56F

TL56FLM10-O-R930BK-min

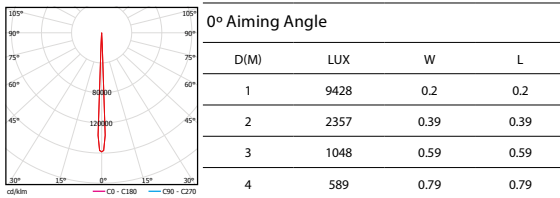


TL56FLM10-O-R930BK-max

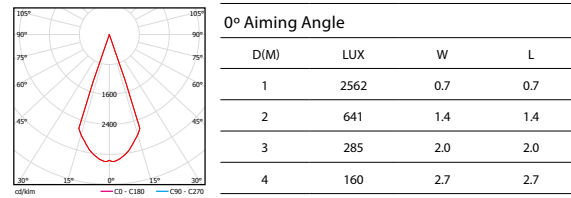


TL57F

TL57FLM25-O-F930WT



TL57FLM25-O-R930WT



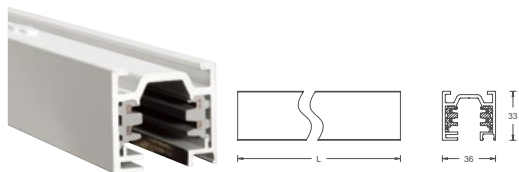
Accessories

GOBO 片配件

TL56F	LENS-TL56F-GOBO 带 WAC 文字 GOBO 片配件		GOBO 片尺寸: 厚度 t 为 1mm, D 为 Ø 19.6mm, d 为 Ø 14mm, 文字或图案内容可定制 (直径不能超过 d)。
	LENS-TL56F-GOBO 带 WAC 文字 GOBO 片配件		GOBO 片尺寸: 厚度 t 为 1mm, D 为 Ø 33mm, d 为 Ø 14mm, 文字或图案内容可定制 (直径不能超过 d)。
TL57F	LENS-TL57F-F-WT LENS-TL57F-F-BK		切光配件: 由 R 四叶遮挡切光方式 变为 F 圆形变径切光方式
	LENS-TL57F-R-WT LENS-TL57F-R-BK		切光配件: 由 F 圆形变径切光方式 变为 R 四叶遮挡切光方式

注意: 所有配件均需要单独订购, 安装方式见说明书; 灯具出厂时自带一个相应切光配件, 不含 GOBO 片。
切光配件之间可互换, 与 GOBO 片可以同时加装, 但每个灯具上只能加装一个切光配件。

3-CIRCUIT TRACK SYSTEM

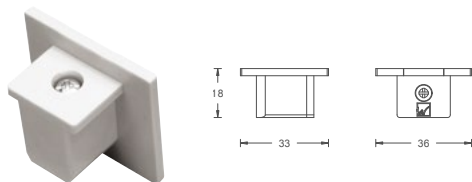


WT

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.

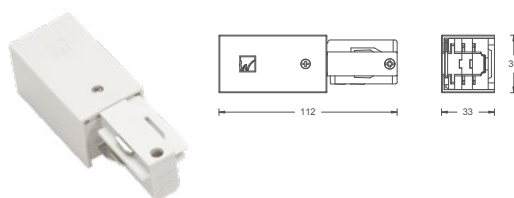


WEC

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

Example: WEC-WT-C

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

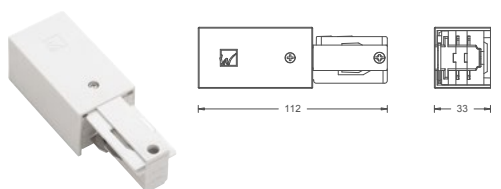


WEDR

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

Example: WEDR-WT-C

Live end connector right: To start a run.

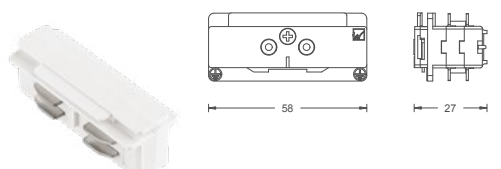


WEDL

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

Example: WEDL-WT-C

Live end connector left: To start a run.

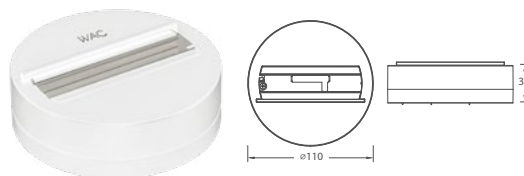


WPC

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

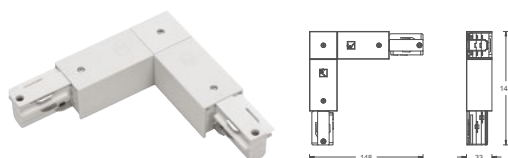
Model	Finish			Weight
	BK	PT	WT	
WMP	*	*	*	0.03kg

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.

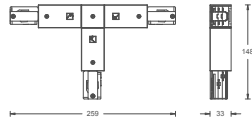
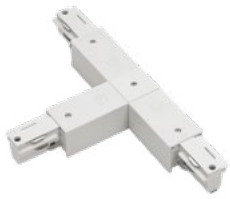


WLLC

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.

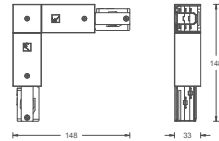


WLTC

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.

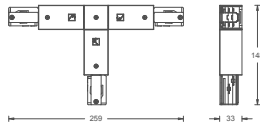


WRLC

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

Example : WRLC-WT-C

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

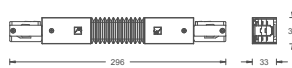


WRTC

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

Example : WRTC-WT-C

"T" connector right. To join three track sections all at 90°. Power feedable.



WFC

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

Example :WFC -WT-C

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

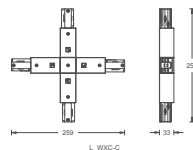
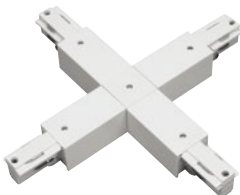


WIC

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

Example :WIC-WT-C

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



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.

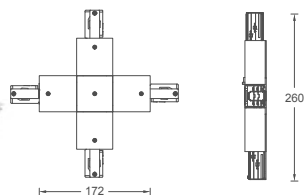


WEC-RT

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.

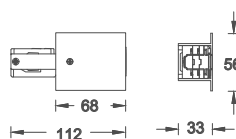


WXC-RT

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.

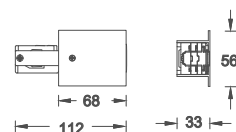


WEDL-RT

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.

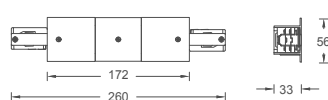


WEDR-RT

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.

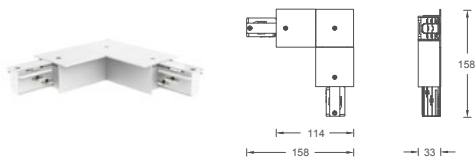


WIC-RT

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.

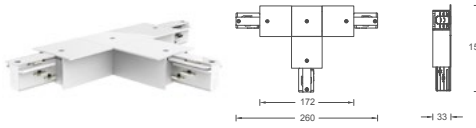


WLLC-RT

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

Example :WLLC-RT-2-WT

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

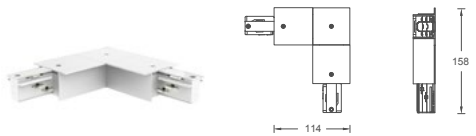


WLTC-RT

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 90°. Power feedable.

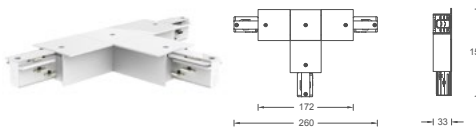


WRLC-RT

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.

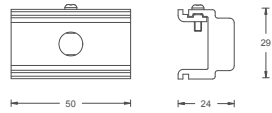


WRTC-RT

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 90°. Power feedable.

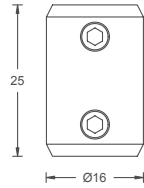


WMT

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

Example : WMT-WT-C

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

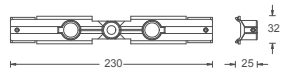


WMXI

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.

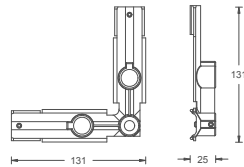


WMIC

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

Example : WMIC-WT-C

"I" connector suspension: Use for suspension mounting with I connector.

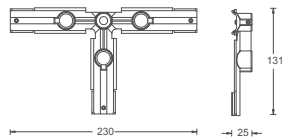


WMLC

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

Example : WMLC-WT-C

"L" connector suspension: Use for suspension mounting with L connector.

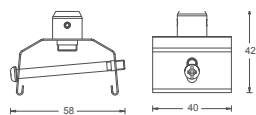


WMTC

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

Example : WMTC-WT-C

"T" connector suspension: Use for suspension mounting with T connector.

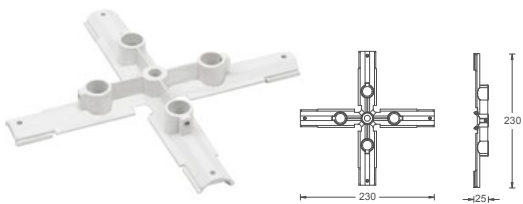


WMT-RT

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.

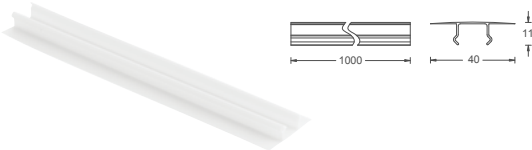


WMXC

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

Example : WMXC-WT-C

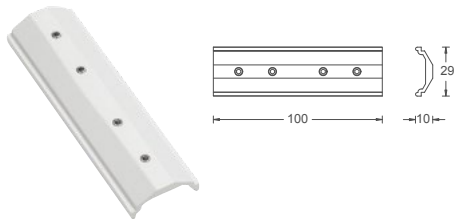
"X" connector suspension: Use for suspension mounting with "X" connector.



WCC-RTL

Model	Weight
WCC-RTL-CL	0.05kg

3-circuit recessed track closure cover.

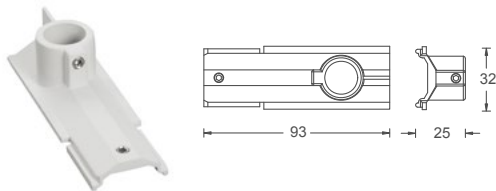


WMPC

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

Example : WMPC-WT-C

Straight coupler: Used for suspension mounting with "I" power connector.

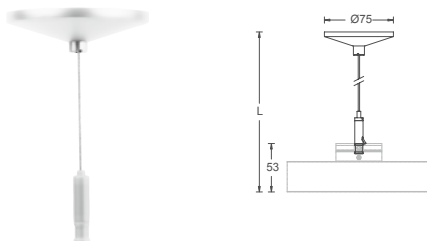


WMED

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

Example : WMED-WT-C

Live end suspension: Use for suspension mounting with live end connector.

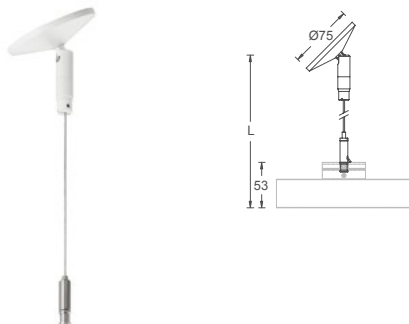


WMST-X

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.

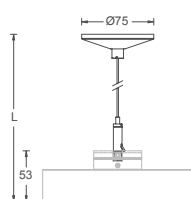


WMST-XS

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.

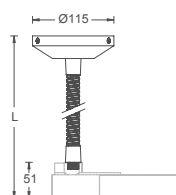


WMST-TB

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.

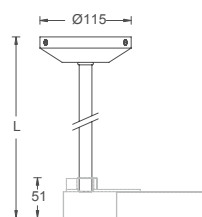


WMFP

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.

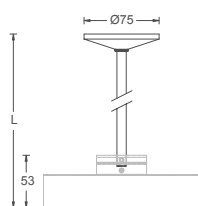


WMSP

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.

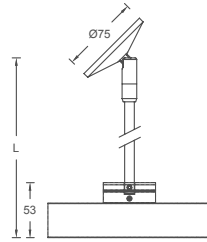


WMT-X

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.

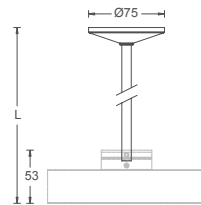


WMT-XS

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

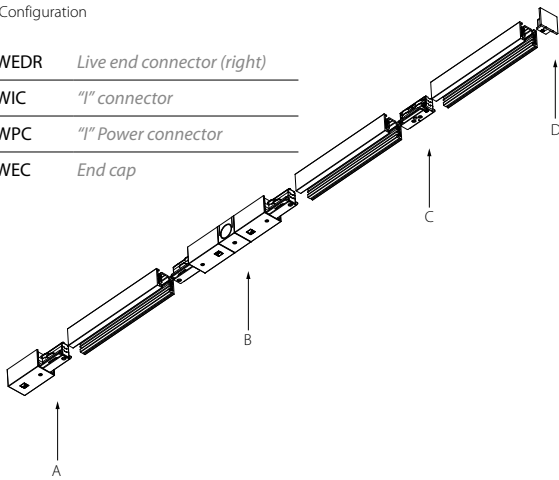
Model	Finish			Weight	Length (mm)
	BK	PT	WT		
WMT-TB6	•	•	•	0.05kg	152mm
WMT-TB12	•	•	•	0.08kg	304mm
WMT-TB24	•	•	•	0.15kg	609mm
WMT-TB36	•	•	•	0.21kg	914mm
WMT-TB48	•	•	•	0.28kg	1219mm
WMT-TB96	•	•	•	0.54kg	2438mm

Example :WMT-TB6-WT-C

Includes T-Bar clip to extend track from drop ceilings. Field cuttable.

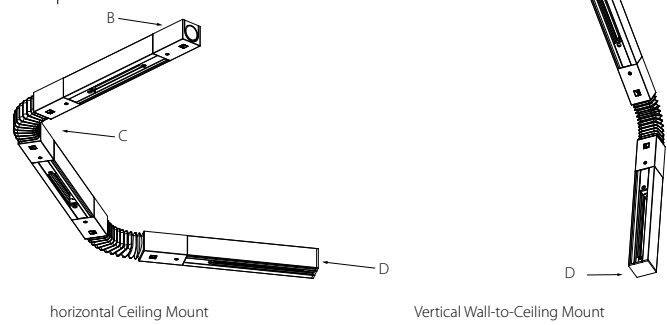
Straight Configuration

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

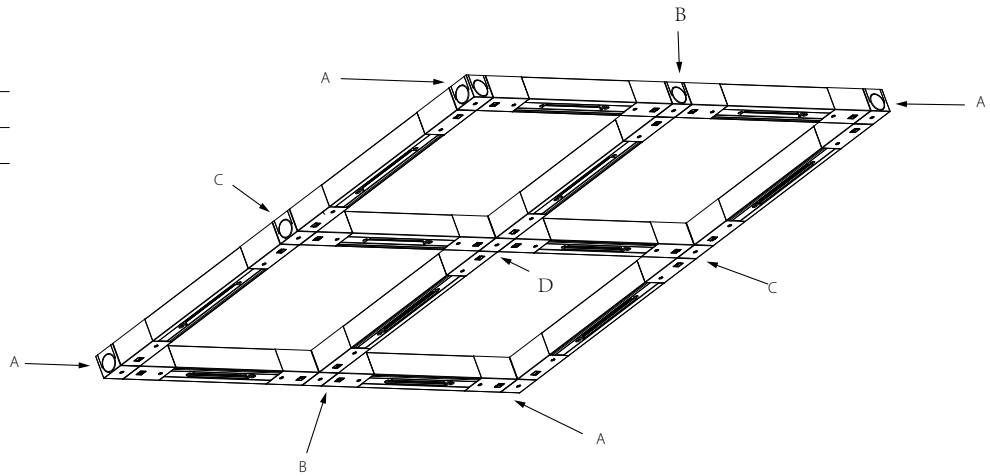


horizontal Ceiling Mount

Vertical Wall-to-Ceiling Mount

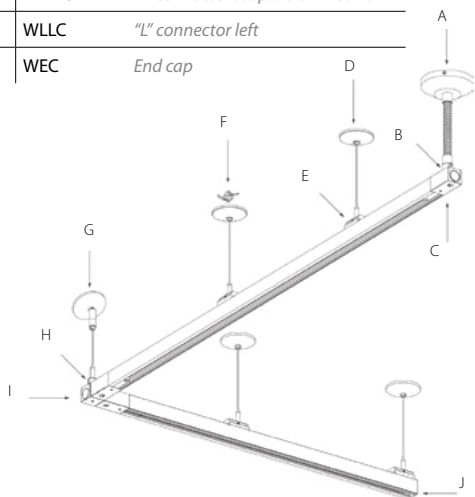
Grid Configuration

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



Cable Suspension Mount

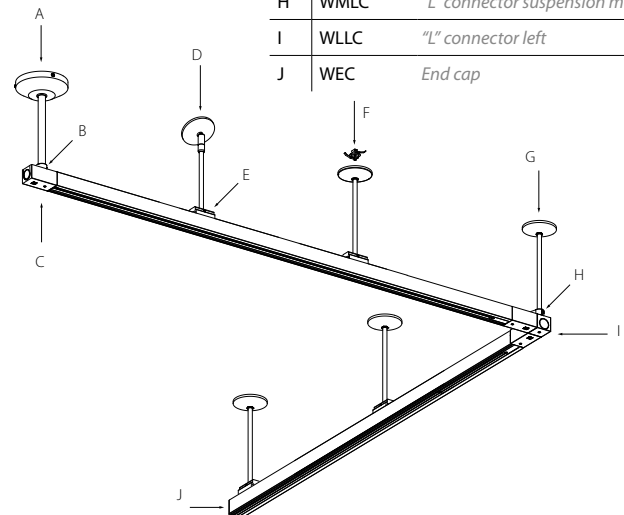
A	WMFP	Flexible Stem kit with power feed
B	WMED	Live end suspension mount
C	WEDL	Live end connector (left)
D	WMST-X	Cable suspension kit
E	WMT	Suspension hanger clip
F	WMST-TB	"T" bar cable suspension kit
G	WMST-XS	Sloped ceiling cable kit
H	WMLC	"L" connector suspension mount
I	WLLC	"L" connector left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

SILO PRO WALL WASHER
SWALLOW PRO
SILO PRO

196

207
217
223



J-TRACK SYSTEM

211



中天
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SILO PRO



JL15H

JL16H

JL17H

Specifications



- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜 + 反射器
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -355°调节; 竖直 0° -90°调节
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 光源类型: COB
- 光源色温、光源光通量:
 - JL15H 3000K :800lm(6W) / 1330lm(12W)
 - JL16H 3000K :2120lm(18W) /2830lm(26W)
 - JL17H 3000K :3530lm(34W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



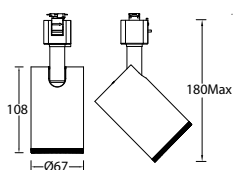
1 13°

2 24°

3 36°

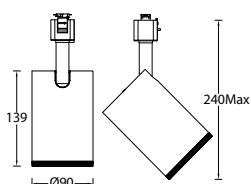
5 55°

Product Parameters



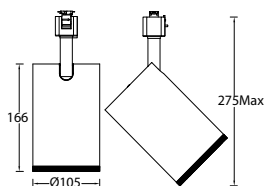
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL15H	LM06 COB 6W	5986cd (@6W 3000K 13°)	O On-board	1 13°	9 90	27 2700K	BK Black WT White
	LM12 COB 12W	4564cd (@6W 3000K 24°) 1321cd (@6W 3000K 35°) 476cd (@6W 3000K 55°) 946cd (@12W 3000K 13°) 7216cd (@12W 3000K 24°) 2089cd (@12W 3000K 35°) 753cd (@12W 3000K 55°)		2 24° 3 36° 5 55°		30 3000K 40 4000K 50 5000K	

Example : JL15HLM12-O-2930WT



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

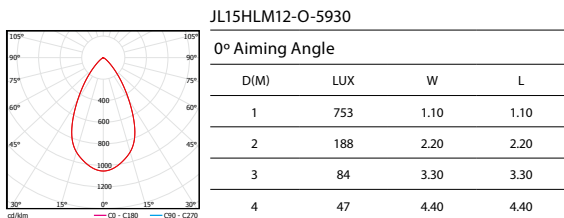
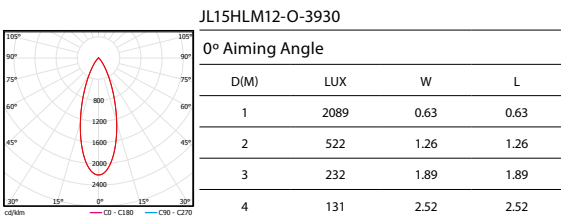
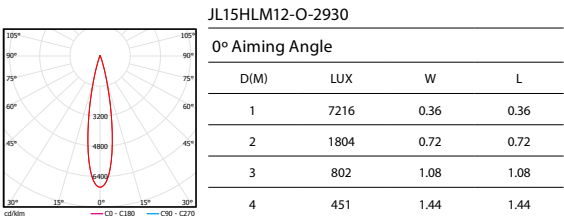
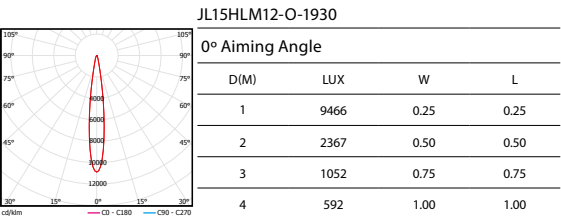
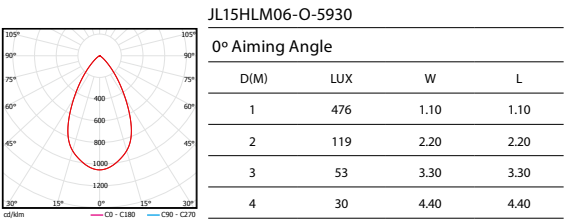
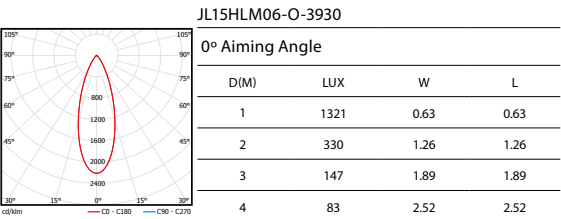
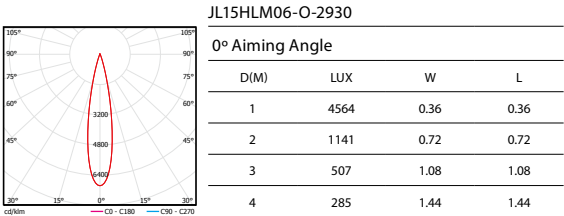
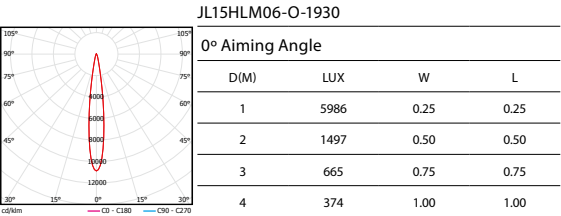
Example : JL16HLM18-O-2930WT



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

Example : JL17HLM34-O-2930WT

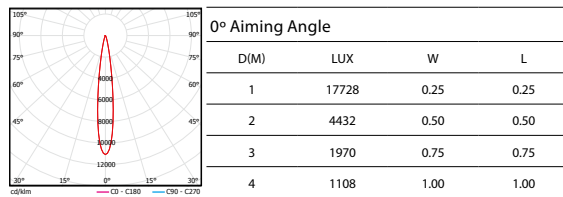
JL15H



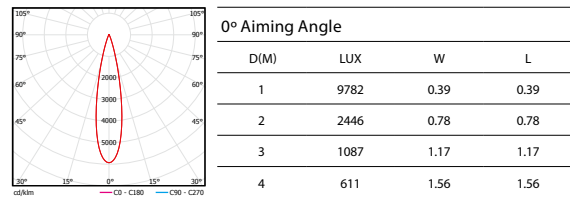
Light Distribution

JL16H

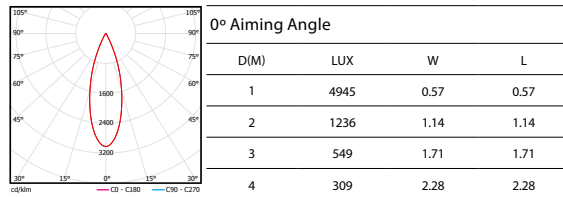
JL16HLM18-O-1930



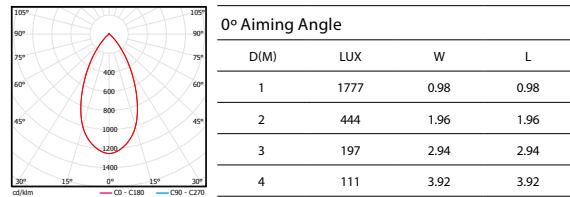
JL16HLM18-O-2930



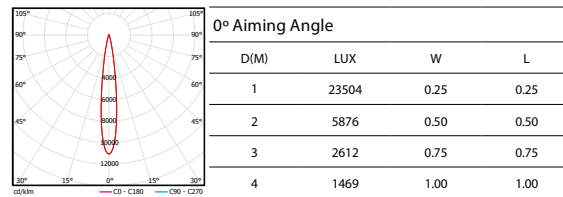
JL16HLM18-O-3930



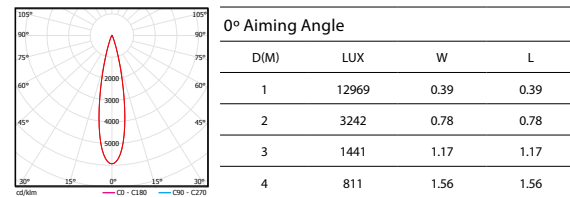
JL16HLM18-O-5930



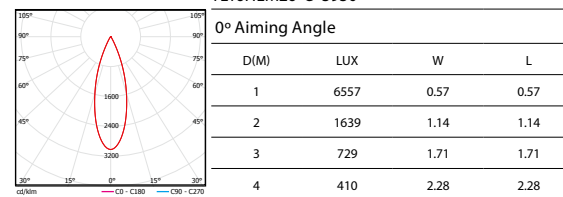
JL16HLM26-O-1930



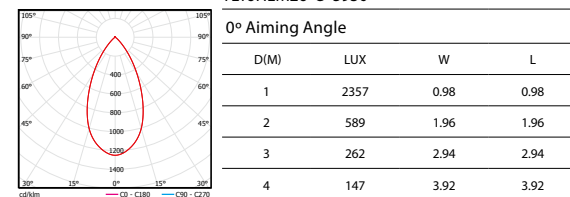
JL16HLM26-O-2930



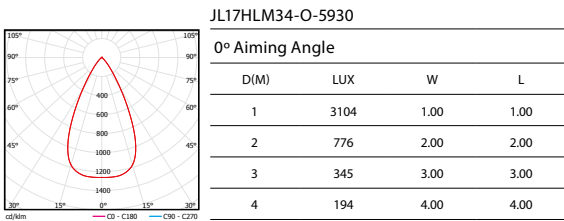
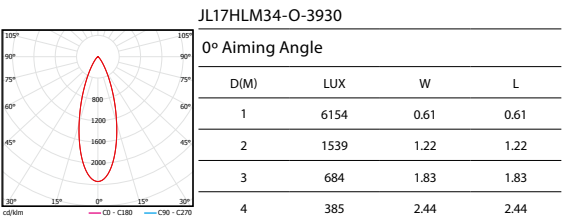
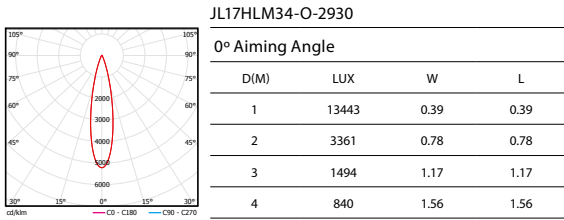
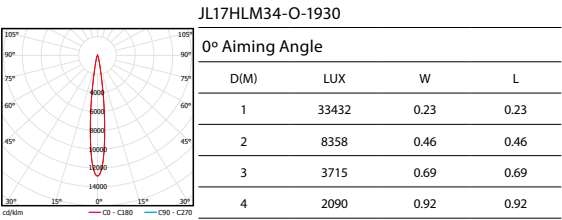
TL16HLM26-O-3930



TL16HLM26-O-5930



JL17H



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 (CLASS III) 
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

注意：最多可加装三个光学配件，每类配件最多同时只加装一个

SILO FOCUS



JL15F

JL16F

JL17F

Specifications



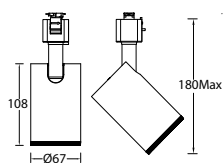
- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜 + 反射器
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -355°调节; 竖直 0° -90°调节
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 光源类型: COB
- 光源色温、光源光通量:
 - JL15F 3000K :670lm (6W) / 1200lm (12W)
 - JL16F 3000K :1700lm(18W) /2500lm(26W)
 - JL17F 3000K :3600lm(34W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



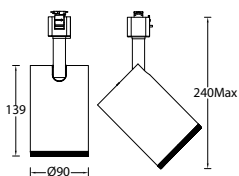
F 12°-50°

Product Parameters



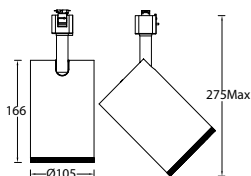
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL15F	LM06 COB 6W LM12 COB 12W	2395cd (@6W 3000K 12°) 424cd (@6W 3000K 50°) 3187cd (@12W 3000K 12°) 616cd (@12W 3000K 50°)	O On-board	F 12°-50°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

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

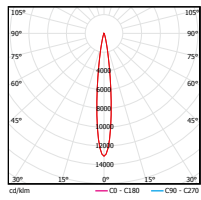


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
JL17F	LM34 COB 34W	6780cd (@34W 3000K 12°) 1205cd (@34W 3000K 50°)	O On-board	F 12°-50°	9 90	27 2700K 30 3000K 40 4000K 50 5000K	BK Black WT White

Example : JL17FLM34-O-F930WT

Light Distribution

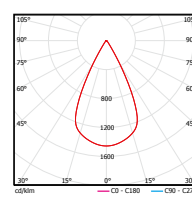
JL15F



JL15FLM06-O-F930(MIN)

0° AIMING ANGLE

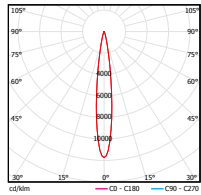
D(M)	LUX	W	L
1	2395	0.23	0.23
2	599	0.46	0.46
3	266	0.69	0.69
4	150	0.92	0.92



JL15FLM06-O-F930(MAX)

0° Aiming Angle

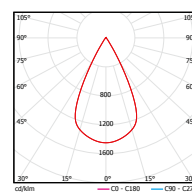
D(M)	LUX	W	L
1	424	0.99	0.99
2	106	1.98	1.98
3	47	2.97	2.97
4	27	3.96	3.96



JL15FLM12-O-F930(Min)

0° AIMING ANGLE

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

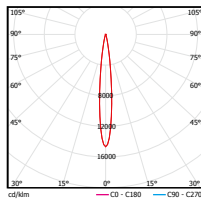


JL15FLM12-O-F930(Max)

0° Aiming Angle

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

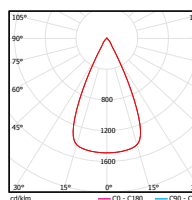
JL16F



JL16FLM18-O-F930(MIN)

0° AIMING ANGLE

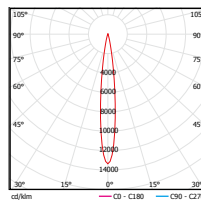
D(M)	LUX	W	L
1	4670	0.21	0.21
2	1168	0.42	0.42
3	519	0.63	0.63
4	292	0.84	0.84



JL16FLM18-O-F930(MAX)

0° Aiming Angle

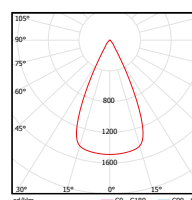
D(M)	LUX	W	L
1	689	0.93	0.93
2	172	1.86	1.86
3	77	2.79	2.79
4	43	3.72	3.72



JL16FLM26-O-F930(Min)

0° 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

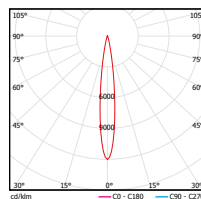


JL16FLM26-O-F930(Max)

0° 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

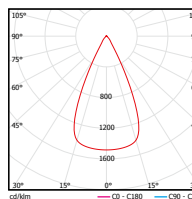
JL17F



JL17FLM34-O-F930(Min)

0° 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



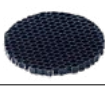
JL17FLM34-O-F930(Max)

0° 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

注意：最多可加装三个光学配件，每类配件最多同时只加装一个

SILO PRO WALL WASHER



JL15W

JL16W

JL17W

Specifications



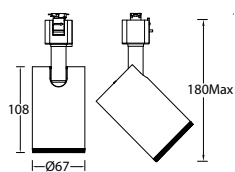
- 主体材质：铝合金压铸灯体
- 光学系统：透镜 + 反射器
- 表面处理：静电粉末喷涂
- 投射方向：水平 0° -355°调节；竖直 0° -90°调节
- 配件 / 支架：最多可加装三个光学配件；每类配件最多同时只加装一个
- 接线示意：详情请参考本目录册最后接线示意图
- 光源类型：COB
- 光源色温、光源光通量：
 - TL15W 3000K :800lm (6W) / 1330lm (12W)
 - TL16W 3000K :2120lm(18W) /2830lm(26W)
 - TL17W 3000K :3530lm(34W)
- 光源寿命： >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差：3 SDCM
- 产品重量： 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



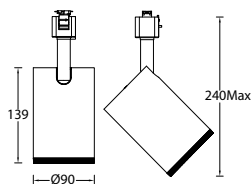
W Wall Washer

Product Parameters



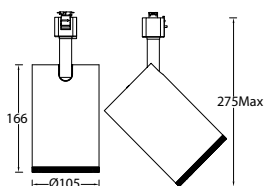
Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
JL15W	LM06 COB 6W	519lm(@6W 3000K)	O On-board	W Wall Washer	9 90	27 2700K	BK Black WT White
	LM12 COB 12W	822lm(@12W 3000K)				30 3000K	
						40 4000K	
						50 5000K	

Example : JL15WLM12-O-W930WT



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

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	BK Black WT White
						30 3000K	
						40 4000K	
						50 5000K	

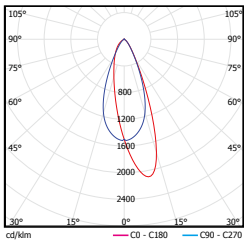
Example : JL17WLM34-O-W930WT

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

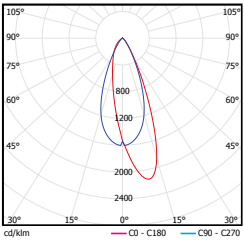


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	93	90	93	89	93
2.30	149	167	149	167	148
1.90	162	191	162	191	162
1.50	159	180	159	180	158
1.10	142	156	143	156	142
0.70	117	126	118	126	117
0.30	96	101	97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

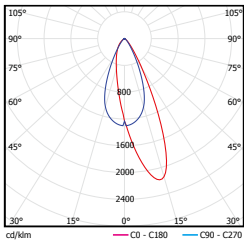


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
3.40	81	78	83	79	82
3.00	199	195	199	194	199
2.60	243	278	244	278	243
2.20	255	301	256	301	255
1.80	256	289	256	289	255
1.40	237	266	239	266	237
1.00	210	234	212	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

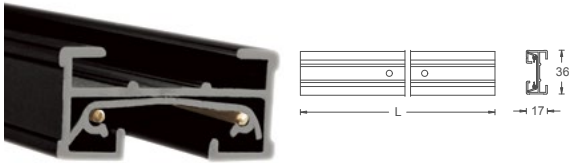
Accessories

OPTICAL ACCESSORIES

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

注意：需单独订购

J TRACK SYSTEM

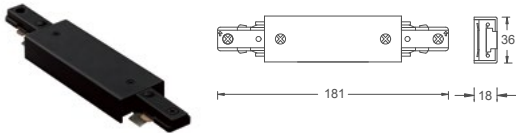


J SYSTEM TRACK

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.

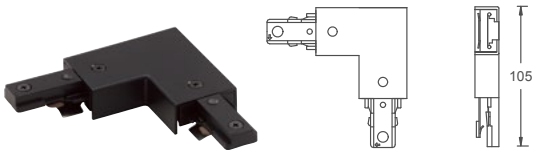


"I" STRAIGHT LINE POWER CONNECTOR

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

EXAMPLE JI-PWR-WT-C

Power entry point at the connection of two tracks.

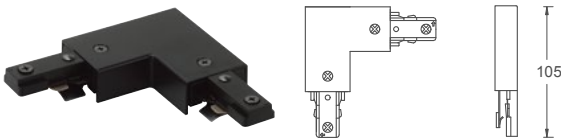


"L" CONNECTOR (LEFT)

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.

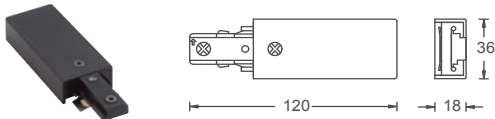


"L" CONNECTOR (RIGHT)

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.

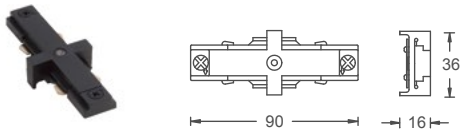


LIVE END CONNECTOR

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.

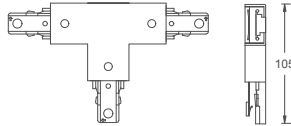


BX CONNECTOR

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.

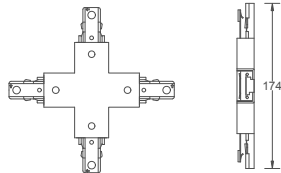


"T" CONNECTOR

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

EXAMPLE JT-BK-C

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

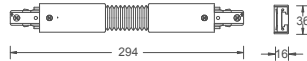


"X" CONNECTOR

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

EXAMPLE JX-WT-C

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

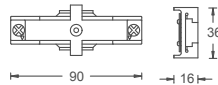


FLEXIBLE TRACK CONNECTOR

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.

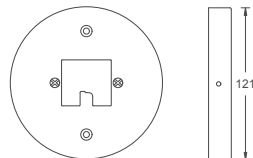


"I" DEAD END STRAIGHT LINE CONNECTOR

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

SILO FOCUS

216

229



SILO

SILO PRO WALL WASHER
LEDme® II SHOWCASE LUMINAIRES
LEDme® SHOWCASE WALL WASHER

222

233
241
247



广州美术馆（新馆）
广东，广州



SWALLOW PRO



ME21H



ME22H

Specifications



- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: COB
- 光源色温、光源光通量:
 - ME21H 3000K :650lm(6W) / 1250lm(12W)
 - ME22H 3000K :1970lm(18W) /2880lm(28W) / 3520lm(38W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 1.1Kg / 2.0Kg

Product Features/Optics



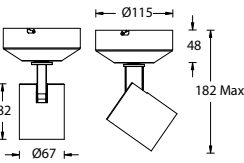
1 12°

2 24°

3 36°

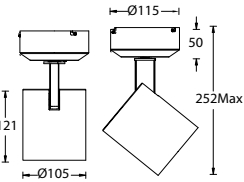
5 55°

Product Parameters



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

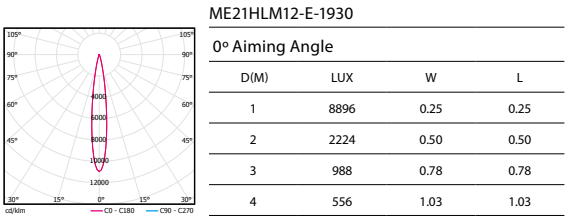
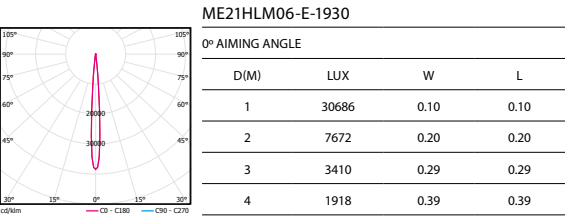
Example : ME21HLM06-E-2930WT



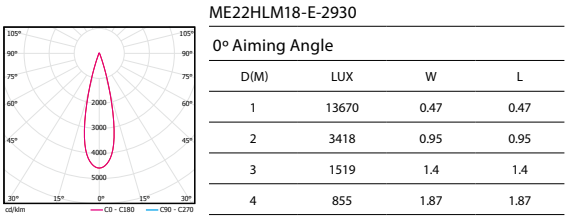
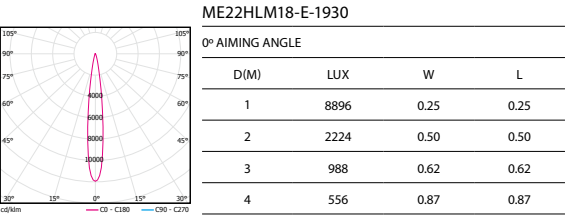
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME22H	LM18 18W	17696cd(18W @3000K 12°)	E ON-OFF	1 12°	9 90	30 3000K	BK Black
	LM28 28W	6491cd(18W @3000K 24°)	D 0-10V Dimming	2 24°	A 97	40 4000K	WT White
	LM38 38W	2999cd(18W @3000K 36°) 1536cd(18W @3000K 50°) 25010cd(28W @3000K 12°) 10525cd(28W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

Example : ME22HLM28-E-2930WT

ME21H

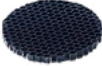


ME22H



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

注意：最多可加装三个光学配件，每类配件最多同时只加装一个



交通银行前滩 31 演艺中心
中国，上海



SILO PRO



ME15H



ME16H



ME17H

Specifications



- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜 + 反射器
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -355°调节; 竖直 0° -90°调节
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: COB
- 光源色温、光源光通量:
 - ME15H 3000K :800lm(6W) / 1330lm(12W)
 - ME16H 3000K :2120lm(18W) /2830lm(26W)
 - ME17H 3000K :3530lm(34W)
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



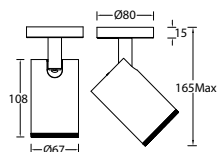
1 13°

2 24°

3 36°

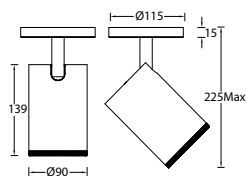
5 55°

Product Parameters



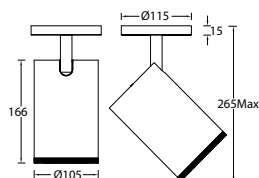
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME15H	LM06 COB 6W	5986cd (@6W 3000K 13°)	O On-board	1 13°	9 90	27 2700K	BK Black
	LM12 COB 12W	4564cd (@6W 3000K 24°) 1321cd (@6W 3000K 35°) 476cd (@6W 3000K 55°) 9466cd (@12W 3000K 13°) 7216cd (@12W 3000K 24°) 2089cd (@12W 3000K 35°) 753cd (@12W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

Example : ME15HLM12-O-2930WT



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

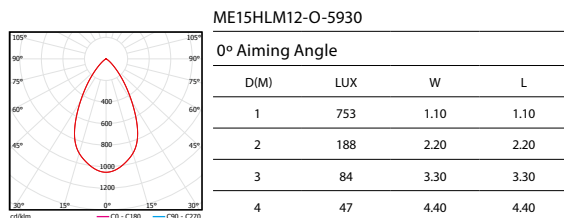
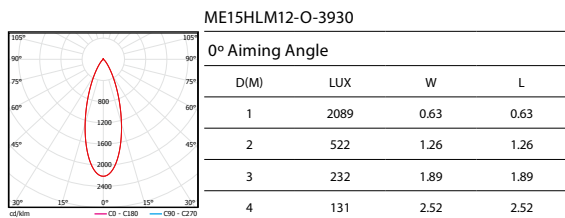
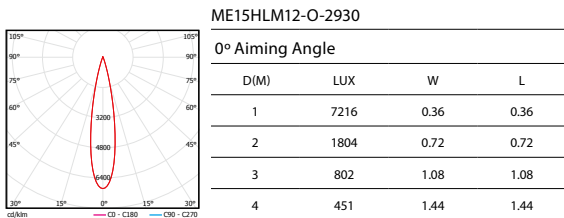
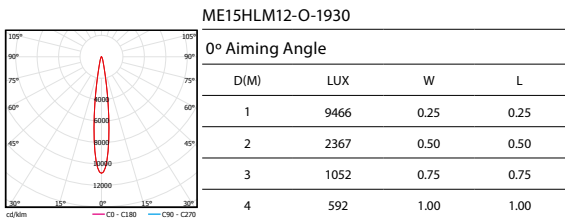
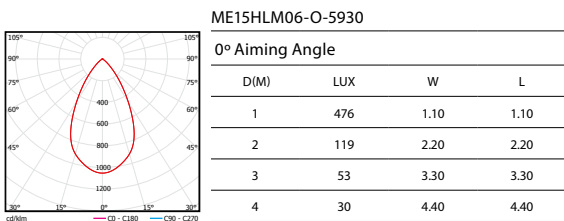
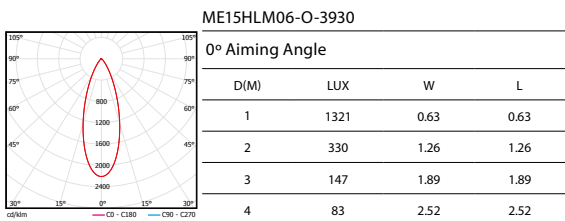
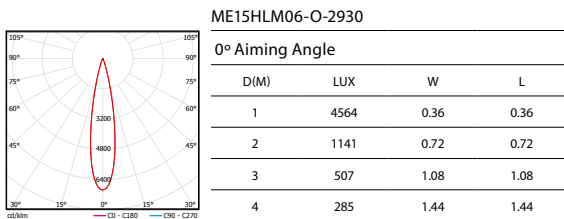
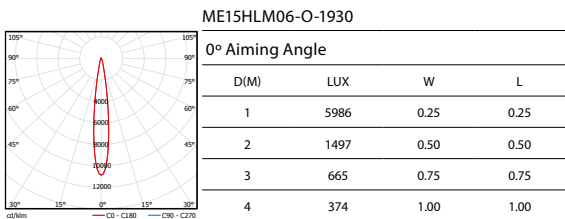
Example : ME16HLM18-O-2930WT



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

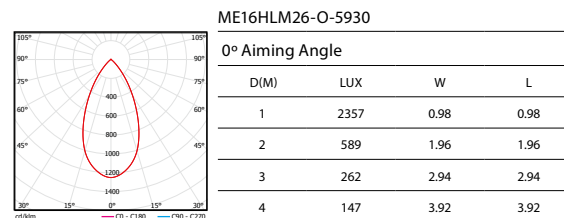
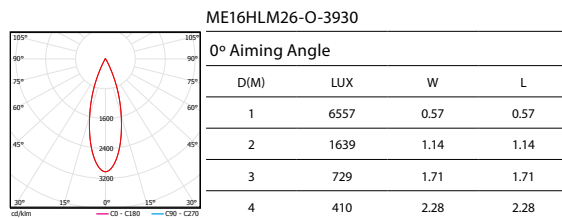
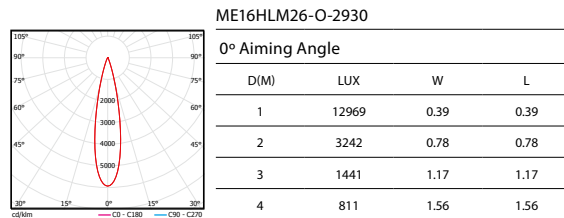
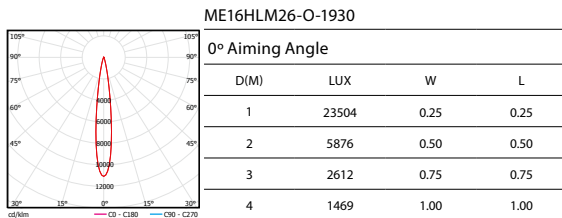
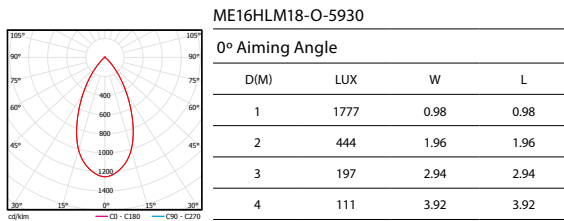
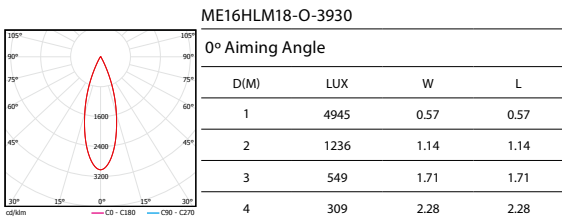
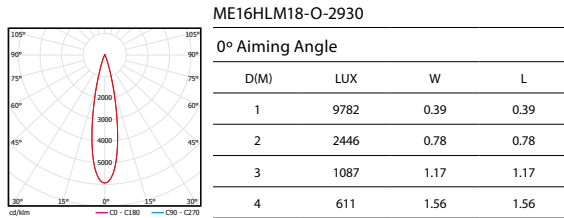
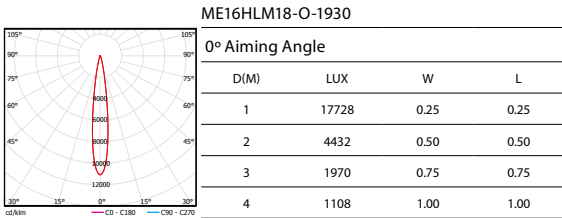
Example : ME17HLM34-O-2930WT

ME15H

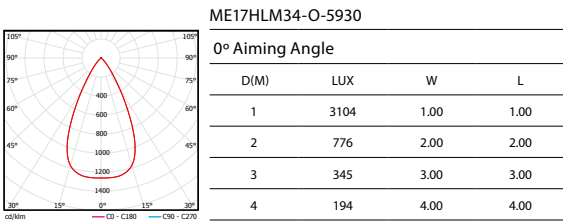
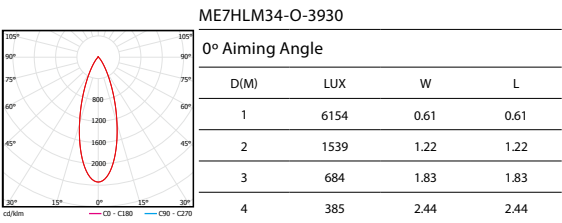
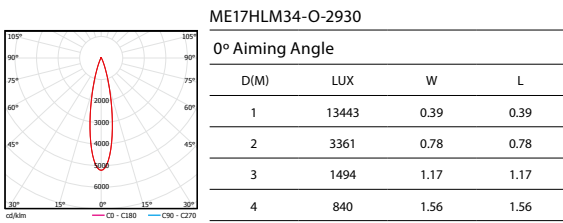
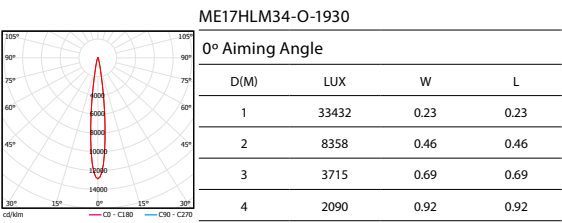


Light Distribution

ME16H



ME17H



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 (CLASS III) 
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

注意：最多可加装三个光学配件，每类配件最多同时只加装一个

SILO FOCUS



ME15F



ME16F



ME17F

Specifications



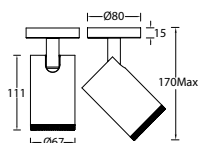
- 主体材质: 铝合金压铸灯体
- 光学系统: 透镜 + 反射器
- 表面处理: 静电粉末喷涂
- 投射方向: 水平 0° -355°调节; 竖直 0° -90°调节
- 配件 / 支架: 最多可加装三个光学配件; 每类配件最多同时只加装一个
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: COB
- 光源色温、光源光通量:
 - ME15F 3000K :670lm (6W) / 1200lm (12W)
 - ME16F 3000K :1700lm(18W) /2500lm(26W)
 - ME17F 3000K :3600lm(34W)
- 光源寿命: > 50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



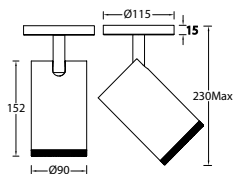
F 12°-50°

Product Parameters



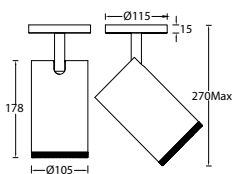
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME15F	LM06 6W	2395cd (@6W 3000K Max) 3187cd (@12W 3000K Max)	O On-board A DALI D 0-10V Dimming	F 12°-50°	9 90	27 2700K	BK Black WT White
	LM12 12W					30 3000K	
						40 4000K	
						50 5000K	

Example : ME15FLM06-O-F930WT



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

Example : ME16FLM18-O-F930WT

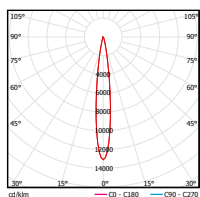


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
ME17F	LM34 34W	6780cd (@34W 3000K Max)	O On-board A DALI D 0-10V Dimming	F 12°-50°	9 90	27 2700K	BK Black WT White
						30 3000K	
						40 4000K	
						50 5000K	

Example : ME17FLM34-O-F930WT

Light Distribution

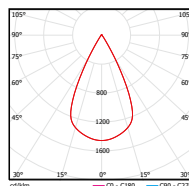
ME15F



ME15FLM06-O-F930(MIN)

0° AIMING ANGLE

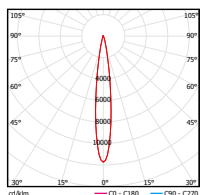
D(M)	LUX	W	L
1	2395	0.23	0.23
2	599	0.46	0.46
3	266	0.69	0.69
4	150	0.92	0.92



ME15FLM06-O-F930(MAX)

0° Aiming Angle

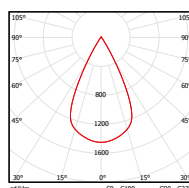
D(M)	LUX	W	L
1	424	0.99	0.99
2	106	1.98	1.98
3	47	2.97	2.97
4	27	3.96	3.96



ME15FLM12-O-F930(Min)

0° AIMING ANGLE

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

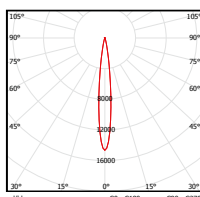


ME15FLM12-O-F930(Max)

0° Aiming Angle

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

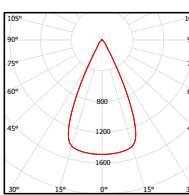
ME16F



ME16FLM18-O-F930(MIN)

0° AIMING ANGLE

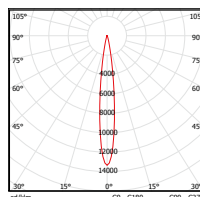
D(M)	LUX	W	L
1	4670	0.21	0.21
2	1168	0.42	0.42
3	519	0.63	0.63
4	292	0.84	0.84



ME16FLM18-O-F930(MAX)

0° Aiming Angle

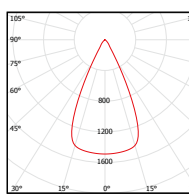
D(M)	LUX	W	L
1	689	0.93	0.93
2	172	1.86	1.86
3	77	2.79	2.79
4	43	3.72	3.72



ME16FLM26-O-F930(Min)

0° 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

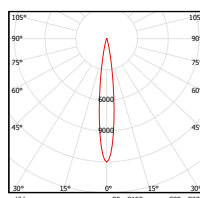


ME16FLM26-O-F930(Max)

0° 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

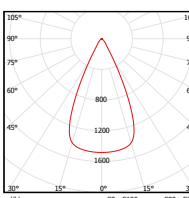
ME17F



ME17FLM34-O-F930(Min)

0° 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)

0° 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

注意：最多可加装三个光学配件，每类配件最多同时只加装一个

SILO PRO WALL WASHER



ME15W



ME16W



ME17W

Specifications



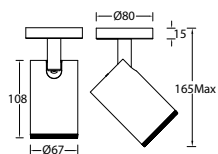
- 主体材质：铝合金压铸灯体
- 光学系统：透镜 + 反射器
- 表面处理：静电粉末喷涂
- 投射方向：水平 0° -355°调节；竖直 0° -90°调节
- 配件 / 支架：最多可加装三个光学配件；每类配件最多同时只加装一个
- 接线示意：详情请参考本目录册最后接线示意图
- 光源类型：COB
- 光源色温、光源光通量：
 - ME15W 3000K :800lm (6W) / 1330lm (12W)
 - ME16W 3000K :2120lm(18W) /2830lm(26W)
 - ME17W 3000K :3530lm(34W)
- 光源寿命： >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差：3 SDCM
- 产品重量： 0.5Kg / 1.0Kg / 1.4Kg

Product Features/Optics



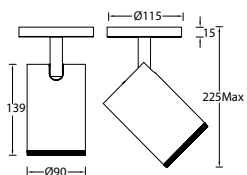
W Wall Washer

Product Parameters



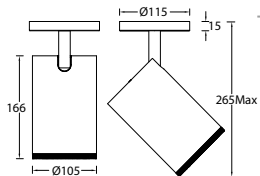
Model	LED Power	System Lemens	Dimming	Beam	CRI	CCT	Finish
ME15W	LM06 COB 6W	519lm(@6W 3000K)	O On-board	W Wall Washer	9 90	27 2700K	BK Black WT White
	LM12 COB 12W	822lm(@12W 3000K)	A DALI			30 3000K	
			D 0-10V Dimming			40 4000K	
						50 5000K	

Example : ME15WLM12-O-W930WT



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

Example : ME16WLM18-O-W930WT



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

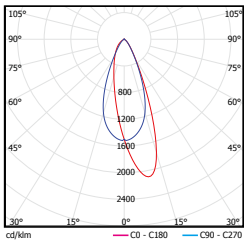
Example : ME17WLM34-O-W930WT

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

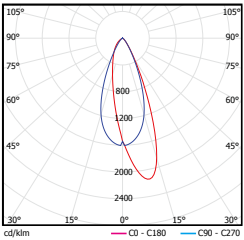


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
2.70	93	90	93	89	93
2.30	149	167	149	167	148
1.90	162	191	162	191	162
1.50	159	180	159	180	158
1.10	142	156	143	156	142
0.70	117	126	118	126	117
0.30	96	101	97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

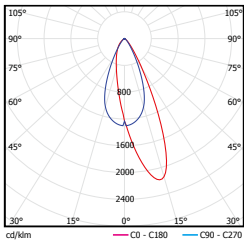


H (m)	Surface illumination (lux)				
	below the luminaire	between the luminaire	below the luminaire	between the luminaire	below the luminaire
3.40	81	78	83	79	82
3.00	199	195	199	194	199
2.60	243	278	244	278	243
2.20	255	301	256	301	255
1.80	256	289	256	289	255
1.40	237	266	239	266	237
1.00	210	234	212	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

注意：需单独订购

SHOWCASE LUMINAIRES



LEDME® SHOWCASE LUMINAIRES	240
LEDme® BAR	251
ZIGGY PROJECTOR	253
LEDme® SHOWCASE LUMINAIRES SURFACE	253
ZIGGY LOW-VOLTAGE ART TRACK	257



ZIGGY	256
ZIGGY WIRELESS WIRELESS POWER SUPPLY	265
OCULARC MINI TRACK	269
OCULARC FOCUS MINI TRACK	271



OCULARC	268
OCULARC PROJECTOR MINI TRACK	275
OCULARC WALL WASHER MINI TRACK	277
OCULARC CEILING MOUNTED	281
OCULARC FOCUS CEILING MOUNTED	283
OCULARC WALL WASHER CEILING MOUNTED	287
OCULARC FOCUS VERTICALLY MOUNTED	291



VIVISTAR	295
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江苏，徐州



展柜内 LEDme 系列产品概览



LEDme® II SHOWCASE LUMINAIRES



SLIR3F (Rear Tilt)

SLIR4F (Front Tilt)

SLIR5F (Tilt)

SLIR6F (Tilt)

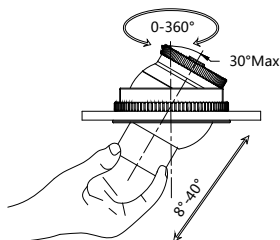
SLIR7F (Tilt)

Specifications

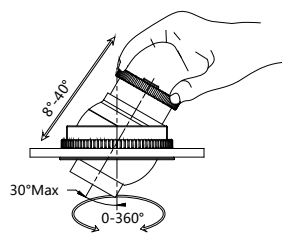


- 主体材质: 铝合金灯体
- 光学系统: 可变焦光学透镜 + SUBROSA® 隐光技术
- 表面处理: 液体喷涂
- 投射方向: 水平任意方向调节; 竖直 -30° -30°调节
- 配件 / 支架: 可选配延长线
- 光源类型: High Power LED
- 光源色温、光源光通量:
 - SLIR3FLD 3000K 175lm; SLIR3FLM 3000K 410lm
 - SLIR4FLD 3000K 175lm; SLIR4FLM 3000K 410lm
 - SLIR5FLM 3000K 480lm
 - SLIR6FLD 3000K 175lm; SLIR6FLM 3000K 410lm
 - SLIR7FLD 3000K 100lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 输入电压:
 - SLIR3LD: 3V (恒流驱动)
 - SLIR3LM: 350mA max 12V DC(恒流驱动)
 - SLIR4FLD: 700mA max 3V DC(恒流驱动)
 - SLIR4FLM: 350mA max 12V DC(恒流驱动)
 - SLIR5FLM-M/N: 500mA max 12V DC(恒流驱动)
 - SLIR5FLM-NR/ER/DR: 220~240VAC / 50Hz
 - SLIR6FLD: 700mA max 3V DC(恒流驱动)
 - SLIR6FLM: 350mA max 12V DC(恒流驱动)
 - SLIR7FLD: 350mA max 3V DC(恒流驱动)
- 调光控制: 匹配 WAC 专用电器, 详见配件
- 产品重量: 0.08Kg / 0.09Kg / 0.17Kg / 0.1Kg / 0.1Kg

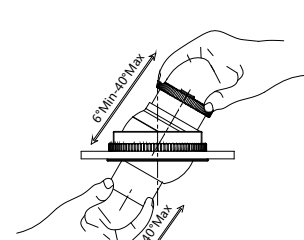
Product Features/Optics



Front Tilt

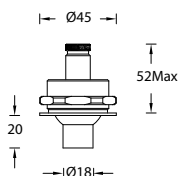


Rear Tilt



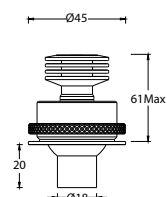
Tilt

Product Parameters



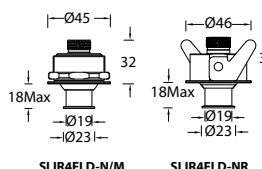
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR3F	LD LED 1W (350mA) LED 2W (700mA)	773cd(@3000K Max)	N Single wire M MTB driver (Can be ordered separately)	F 6°-40°	9 Ra90 A Ra97	30 3000K 40 4000K	BK Black

Example : SLIR3FLD-N-F930BK



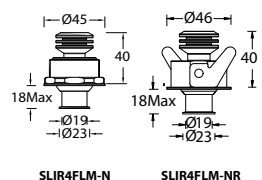
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR3F	LM LED 4.5W (350mA)	1206cd(@3000K Max)	N Single wire	F 7°-40°	9 Ra90 A Ra97	30 3000K 40 4000K	BK Black

Example : SLIR3FLM-N-F930BK



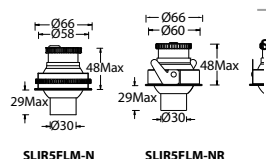
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR4F	LD LED 1W (350mA) LED 2W (700mA)	773cd(@3000K Max)	N Single wire M MTB driver(Can be ordered separately) NR Single wire	F 6°-40°	9 Ra90 A Ra97	30 3000K 40 4000K	BK Black

Example : SLIR4FLD-N-FA30BK



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

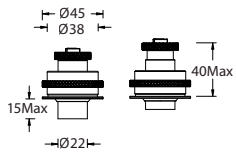


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR5F	LM LED 6W	3098cd(@3000K 8°) 560cd(@3000K 40°)	N Single wire M MTB driver (Can be ordered separately) NR Single wire ER ON-OFF * DR 0-10V Dimming *	F 8°-40°	9 Ra90 A Ra97	30 3000K 40 4000K	BK Black

Example : SLIR5FLM-M-F930BK

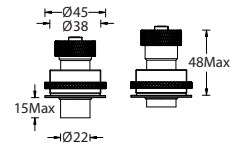
注: "*"除了 SLIR5FLM-ER/DR 外, 其余是不含电器的

Product Parameters



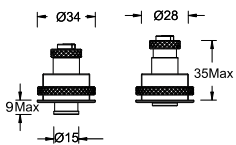
Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR6F	LD LED 2W (700mA)	1686cd(@3000K 6°) 260cd(@3000K 40°)	N Single wire M MTB driver	F 6°-40°	9 Ra90 A Ra97	30 3000K 40 4000K	BK Black

Example : SLIR6FLD-N-F930BK
 注：所有型号中均不包含电器，详情咨询 WAC



Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR6F	LM LED 4.5W (350mA)	530cd(@3000K 8°) 468cd(@3000K 40°)	N Single wire	F 8°-40°	9 Ra90 A Ra97	30 3000K 40 4000K	BK Black

Example : SLIR6FLM-N-F930BK
 注：所有型号中均不包含电器，详情咨询 WAC

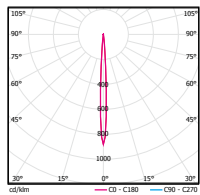


Model	LED Power	System CBCP	Dimming	Beam	CRI	CCT	Finish
SLIR7F	LD LED 1W (350mA)	375cd(@3000K 8°) 86cd(@3000K 40°)	N Single wire M MTB driver	F 8°-40°	9 Ra90 A Ra97	30 3000K 40 4000K	BK Black

Example : SLIR7FLD-N-F930BK
 注：所有型号中均不包含电器，详情咨询 WAC

Light Distribution

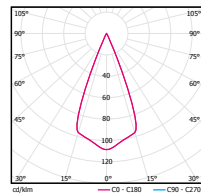
SLIR3F



SLIR3FLD-N-F930 (Min)

0° 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

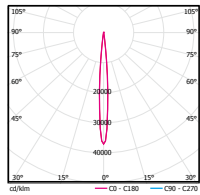


SLIR3FLD-N-F930 (Max)

0° Aiming Angle

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

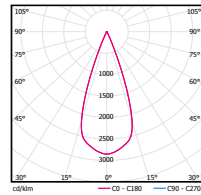
SLIR4F



SLIR4FLD-N-F930 (Min)

0° Aiming Angle

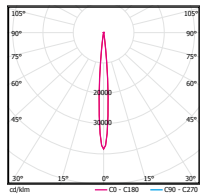
D(M)	LUX	W	L
0.3	9782	0.03	0.03
0.6	2446	0.06	0.06
1.2	611	0.13	0.13
2.4	153	0.25	0.25



SLIR4FLD-N-F930 (Max)

0° Aiming Angle

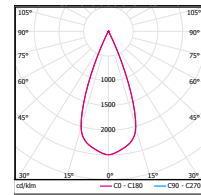
D(M)	LUX	W	L
0.3	1206	0.23	0.23
0.6	301	0.46	0.46
1.2	75	0.92	0.92
2.4	19	1.84	1.84



SLIR4FLM-N-F930 (Min)

0° Aiming Angle

D(M)	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

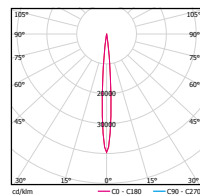


SLIR4FLM-N-F930 (Max)

0° Aiming Angle

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

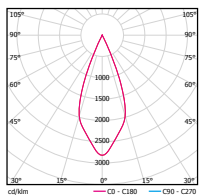
SLIR5F



SLIR5FLM-N-F930 (Min)

0° 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	0.36	0.36

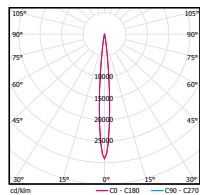


SLIR5FLM-N-F930 (Max)

0° 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	1.72	1.72

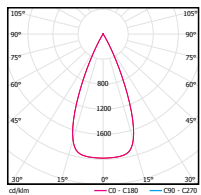
SLIR7F



SLIR7FLD-N-F930 (Min)

0° Aiming Angle

D(M)	LUX	W	L
1	1498	0.2	0.2
2	375	0.3	0.3
3	166	0.5	0.5
4	94	0.6	0.6



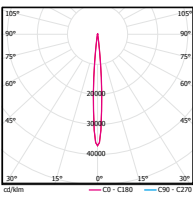
SLIR7FLD-N-F930 (Max)

0° Aiming Angle

D(M)	LUX	W	L
1	346	0.8	0.8
2	87	1.6	1.6
3	38	2.4	2.4
4	22	3.2	3.2

Light Distribution

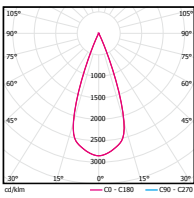
SLIR67F



SLIR7FLD-N-F930 (Min)

0° Aiming Angle

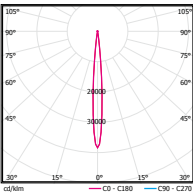
D(M)	LUX	W	L
0.3	9782	0.03	0.03
0.6	2446	0.06	0.06
1.2	611	0.13	0.13
2.4	153	0.25	0.25



SLIR7FLD-N-F930 (Max)

0° Aiming Angle

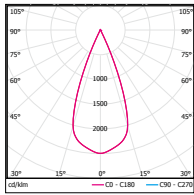
D(M)	LUX	W	L
0.3	1206	0.23	0.23
0.6	301	0.46	0.46
1.2	75	0.92	0.92
2.4	19	1.84	1.84



SLIR7FLM-N-F930 (Min)

0° 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



SLIR7FLM-N-F930 (Max)

0° Aiming Angle

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

Accessories

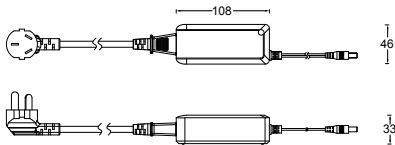
Model	Description	Can match luminaires	Picture
MTB-CABLE-1000-BK	用于 MTB 电源分线器和 SLIR6FLD-M 系列展柜灯具之间，总长 1m，两端带快接插头 原灯具输入电线长度约 0.5 米	SLIR3FLD-M SLIR4FLD-M SLIR5FLM-M SLIR6FLD-M	
4LD-700MA10D-LF-C	输入 220V~240V AC / 50Hz，输出 700mA，2~14V 支持 0-10V 调光，可驱动 1-4 个展柜灯（串联） 尺寸 (L*W*H)：121*41*22，mm 原灯具输入电线长度约 0.3 米	SLIR3FLD-N SLIR4FLD-N SLIR5FLM-N SLIR6FLD-N	
4LD-500MA10D-LF-C	输入 220V~240V AC / 50Hz，输出 500mA，3~20V 支持 0-10V 调光，可驱动 1 个展柜灯 尺寸 (L*W*H)：121*41*22 mm 原灯具输入电线长度约 0.3 米	SLIR5FLM-N	
4LD-350MA10D-LF-C	输入 220V~240V AC / 50Hz，输出 350mA，6-30V 支持 0-10V 调光，可驱动 1-2 个展柜灯（串联） 尺寸 (L*W*H)：121*41*22，mm 原灯具输入电线长度约 0.5 米	SLIR3FLM-N SLIR4FLM-N SLIR6FLM-N	

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

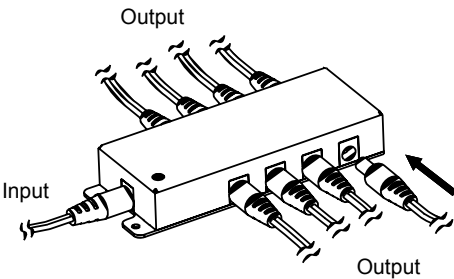
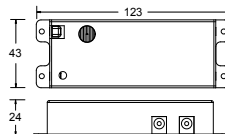
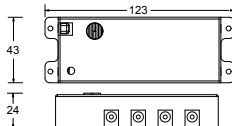
Model	Finish	Description	Weight
PA-3636-BK-C	BK	220-240VAC, 50/60HZ,LED CONSTANT VOLTAGE DRIVER	0.27KG



- MTB Power divider

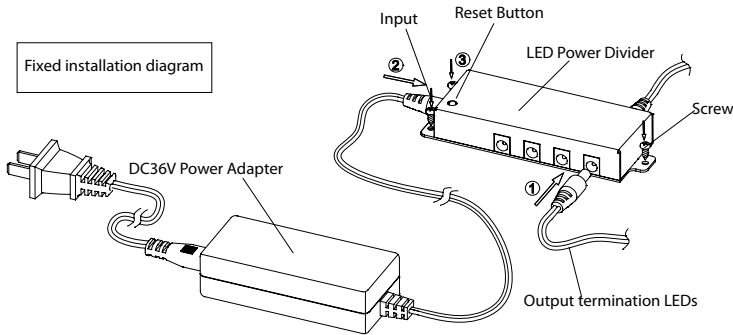
LED-MTB

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



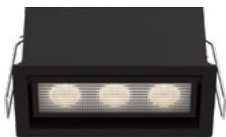
- Function
- Constant Current Output
- Automatically shuts off power supply when the connected luminaire fails.

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



- Color: BK - Black

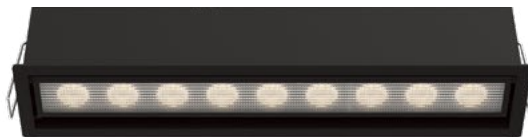
LEDme® SHOWCASE WALL WASHER



SR51WLD06
(Front Tilt)



SR51WLD12
(Front Tilt)



SR51WLD18
(Front Tilt)



SR52WLD06(Tilt)



SR52WLD12(Tilt)



SR52WLD18(Tilt)

Specifications

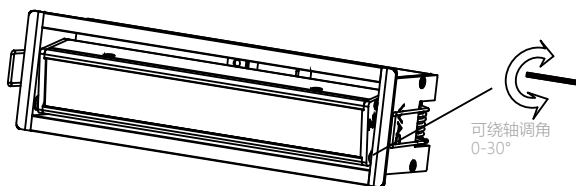


- 主体材质: 铝合金灯体
- 光学系统: 双重透镜
- 表面处理: 静电粉末喷涂
- 投射方向: 竖直 0° -30°调节

- 开孔尺寸: L 106mm / 193mm / 280mm, W 50mm
- 安装厚度: 5-25mm
- 光源类型: High Power LED
- 光源色温、光源光通量: 6W 3000K 525lm
12W 3000K1050lm
18W 3000K 1575lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: SR51W 0.45Kg / 0.65Kg / 0.85Kg
SR52W 0.5Kg / 0.7Kg / 0.9Kg

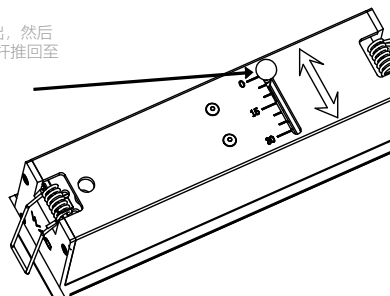
Product Features/Optics

Front Adjustable

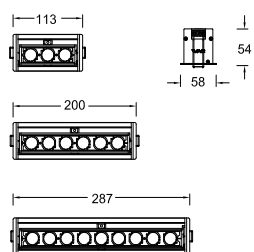


Tilt

此拨杆可以上下伸缩: 先往上拉出, 然后将杆拨到所需角度的刻度, 再将杆推回至圆球约贴紧灯体即可。

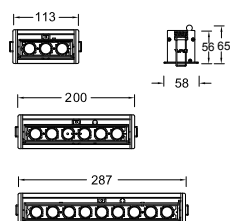


Product Parameters



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

Example : SR51WLD12-D-W930WT



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

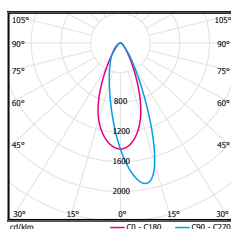
Example : SR52WLD12-D-W930WT

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

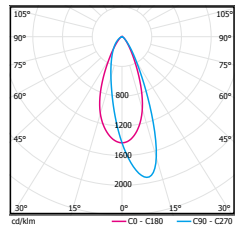
MODEL	ANTI GLARE BAFFLE	ANTI GLARE HONEYCOMB
SR51WLD06/SR52WLD06	LENS-SR51WLD06-BD	LENS-SR51WLD06-HCM
SR51WLD12/SR52WLD12	LENS-SR51WLD12-BD	LENS-SR51WLD12-HCM
SR51WLD18/SR52WLD18	LENS-SR51WLD18-BD	LENS-SR51WLD18-HCM

注意：需单独订购

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

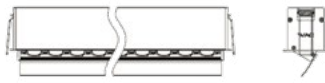
Specifications :

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

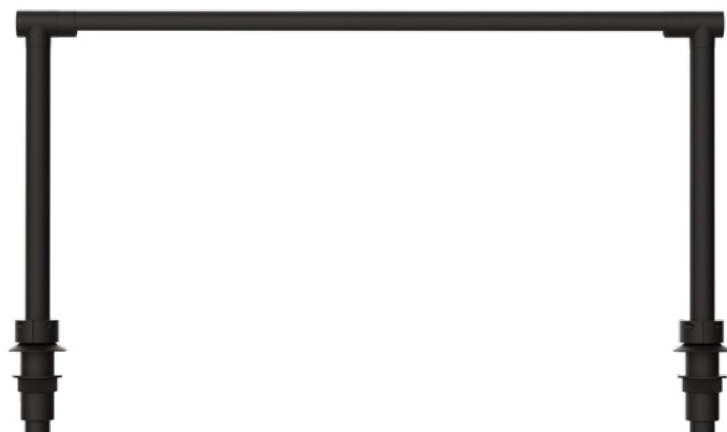
Accessories

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

注意：需单独订购

LEDme® BAR

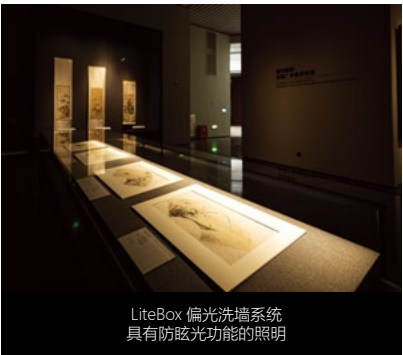


Specifications

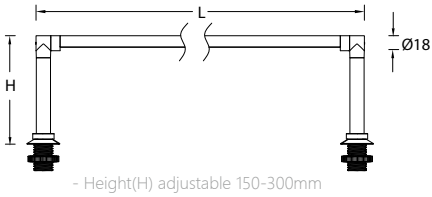


- 主体材质：铝型材灯体和支杆（两端）
- 光学系统：LiteBox 偏光洗墙技术
- 表面处理：静电粉末喷涂
- 投射方向：绕灯体轴线可 0° -60°调节照射方向
- 配件 / 支架：可安装拼接配件
- 光源类型：SMD
- 光源色温、光源光通量：10W/m 3000K 800lm
20W/m 3000K 1480lm
- 光源寿命：m>50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差：1.5 SDCM
- 调光控制：依外置电器决定，需要单独订购
- 可选长度 L：497mm(0.5m), 1007mm(1.0m), 1417mm(1.4m),
1621mm(1.6m), 2029mm(2.0m) offered
- 产品重量：0.65Kg/m

Product Features/Optics



Product Parameters



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

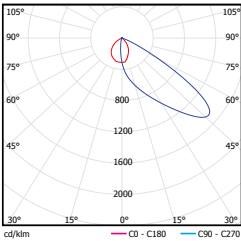
Example : SLP1-2020E-W930BK

注意：1) SLP1 为带双端支杆的整灯；SLP2 为单端支杆的拼接型号（需与 SLP1 搭配使用），灯具型号均不含电器；
2) 产品长度 Length 可按需定制，最小单位为 102mm 左右，总长度不超过 2.2m，具体请咨询 WAC

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

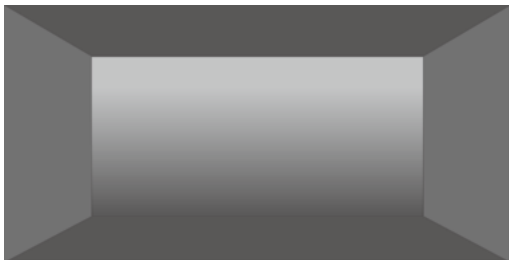


Specifications



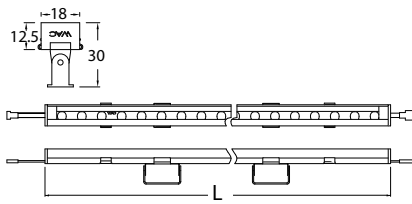
- 主体材质：铝型材灯体
- 光学系统：透镜
- 表面处理：静电粉末喷涂
- 配件 / 支架：调角配件
- 光源类型：SMD
- 光源色温、光源光通量：10W 3000K 800lm
20W 3000K 1480lm
- 光源寿命：>50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差：1.5 SDCM
- 调光控制：依外置电器决定，需要单独订购
- 可选长度 L：2054mm/1544mm /1031mm /521mm /317mm
- 产品重量：0.2Kg/m

Product Features/Optics



W Wall Washer

Product Parameters



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

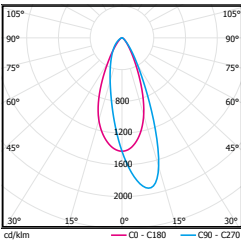
Example : SLS1-1003T-W930BK

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

注意：需单独订购



2015年中国普通护照、中国领事馆工签	Issuing of the	5
启动了改革，以改善普通护照办理，在	the	5
从2014—2015年7月中国增加了中国领	regions	5
事馆的开放时间，将原来为工作日办公	periods	5
时间延长至每天除了晚上休息。	extended	5
	up with	5
	and the	5
	of the	5
	others	5
	persons	5

A blue and white ceramic vase with a floral pattern. The vase is decorated with a dense, repeating pattern of stylized flowers and leaves in blue ink on a white background. It has a classic baluster shape with a flared base and a narrow neck.

[illegible][illegible]

龍泉窯青釉
南上外
The
rona
neck
glass

The Southern Song Dynasty Longquan celadon vase features round lip and straight mouth, with two tubular lug ears at the neck and a bulbous body, all covered in a lustrous celadon glaze except for the ring foot.

255

WACLIGHTING.COM.CN

ZIGGY

ZIGGY 系列概览图



轨道更加纤细

ZIGGY LOW-VOLTAGE ART TRACK



SL11S

SL12S

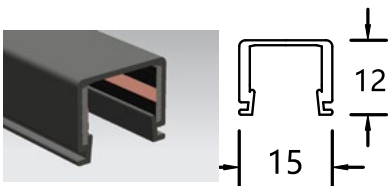
SL13S

Specifications

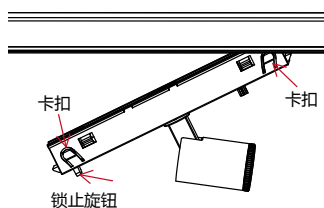


- 主体材质: 铝合金灯体
- 光学系统: 透镜 + SUBROSA® 隐光科技
- 表面处理: 液体烤漆
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 低压轨道 Mini track
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源色温、光源光通量:
 - SL11S 3000K :160lm
 - SL12S 3000K :320lm
 - SL13S 3000K :520lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.02Kg / 0.04Kg / 0.07Kg

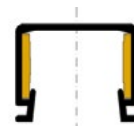
Product Features/Optics



轨道纤细小巧

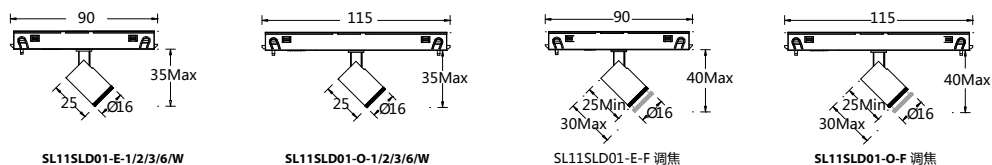


双端防掉落设计



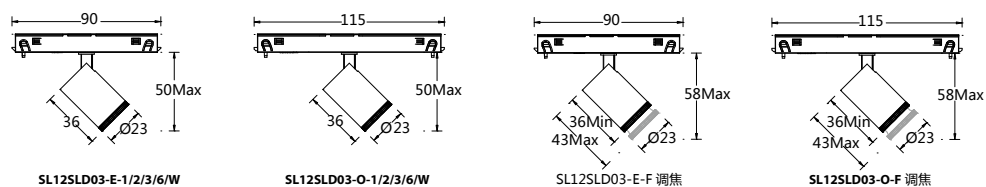
物理安全, 保证简易安装
两侧内凹布局, 不容易因金属异物或螺丝刀进入轨道而引起短路

Product Parameters



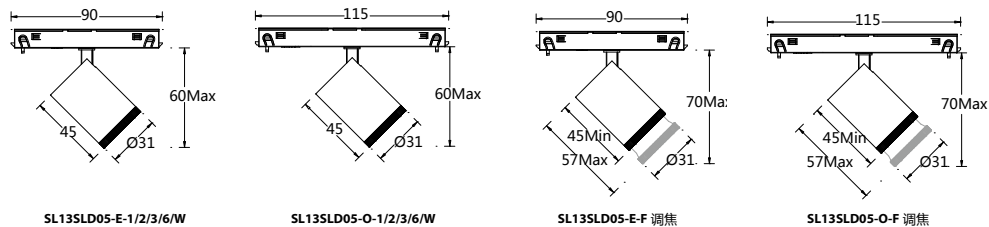
Model	LED Power	System CBCP(Single)	Dimming	Beam	CRI	CCT	Finish
SL115	LD01 LED 1.5W	340cd(@3000K Max)	E Sys. Dimming O On-boarding& Sys. Dimming	F 10°-40° 1 15° 2 24° 3 36° 6 60° W Wall Washer	9 90 A 97	30 3000K 40 4000K	BK Black

Example : SL11SLD01-E-F930BK



Model	LED Power	System CBCP(Single)	Dimming	Beam	CRI	CCT	Finish
SL125	LD03 LED 3W	2069cd(@3000K Max)	E Sys. Dimming O On-boarding& Sys. Dimming	F 10°-40° 1 15° 2 24° 3 36° 6 60° W Wall Washer	9 90 A 97	30 3000K 40 4000K	BK Black

Example : SL12SLD03-E-F930BK

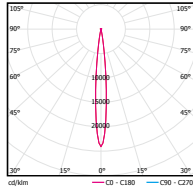


Model	LED Power	System CBCP(Single)	Dimming	Beam	CRI	CCT	Finish
SL135	LD05 LED 5W	3556cd(@3000K Max)	E Sys. Dimming O On-boarding& Sys. Dimming	F 10°-40° 1 15° 2 24° 3 36° 6 60° W Wall Washer	9 90 A 97	30 3000K 40 4000K	BK Black

Example : SL13SLD05-E-F930BK

Light Distribution

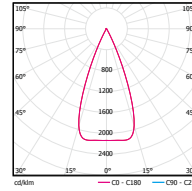
SL45F



SL45FLD01-M-F930 (Min)

0° Aiming Angle

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

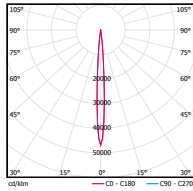


SL45FLD01-M-F930 (Max)

0° Aiming Angle

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

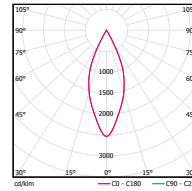
SL46F



SL46FLD03-M-F930 (Min)

0° Aiming Angle

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

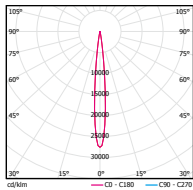


SL46FLD03-M-F930 (Max)

0° Aiming Angle

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

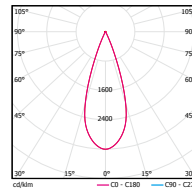
SL47F



SL47FLD05-M-F930 (Min)

0° Aiming Angle

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

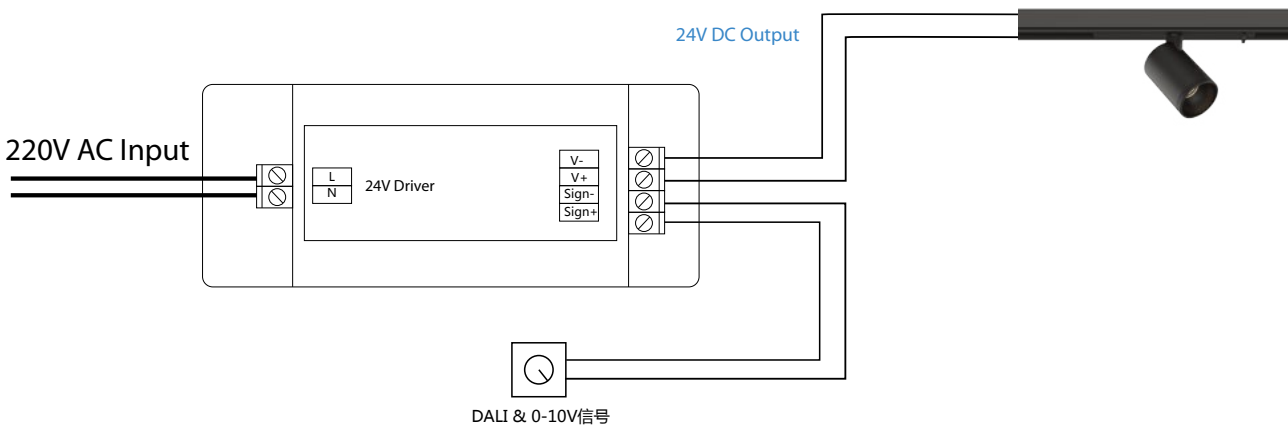


SL47FLD05-M-F930 (Max)

0° Aiming Angle

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

低压灯具可支持回路集中系统调光，接线示意图如下（调光方式由恒压电器决定），需提前做好调光匹配性测试。



ZIGGY PROJECTOR LOW-VOLTAGE ART TRACK

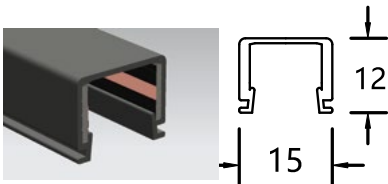


Specifications

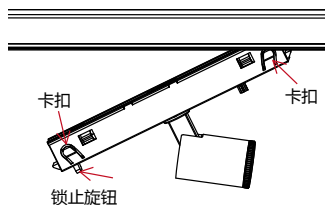


- 主体材质: 铝合金灯体
- 光学系统: 多重组合式透镜系统, 并附带四叶切光片
- 表面处理: 液体烤漆
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 低压轨道 Mini track
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源色温、光源光通量: 2W 3000K 200lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.05Kg

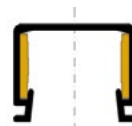
Product Features/Optics



轨道纤细小巧

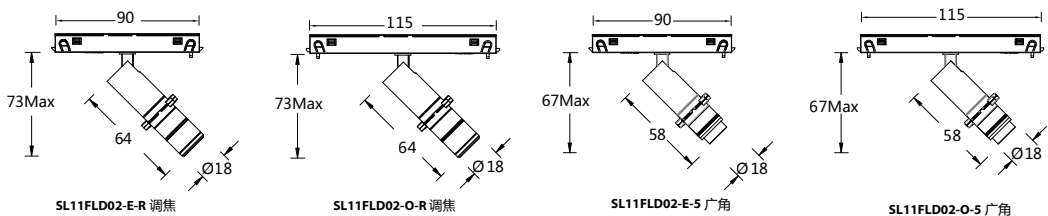


双端防掉落设计



物理安全, 保证简易安装
两侧内凹布局, 不容易因金属异物或螺丝刀进入轨道而引起短路

Product Parameters

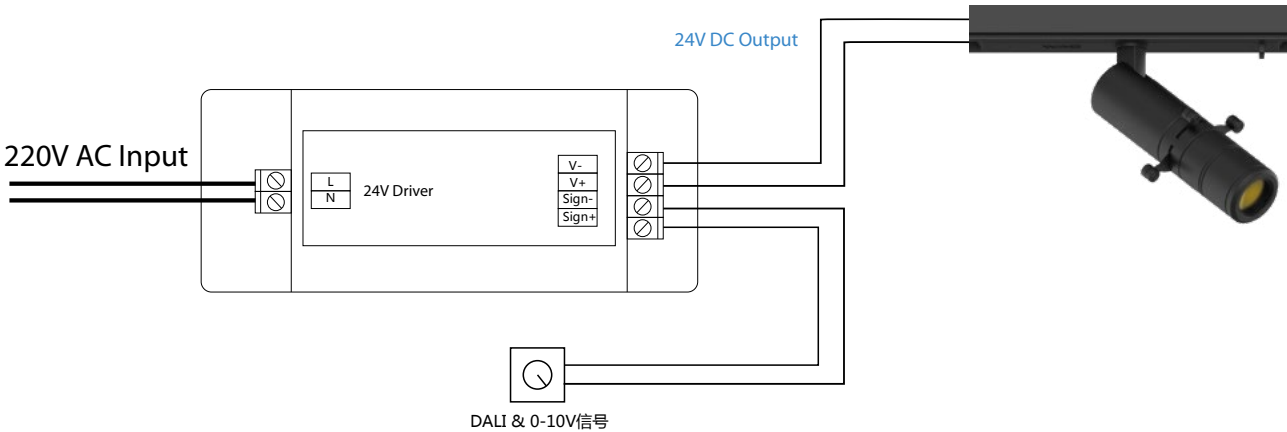


Model	LED Power	System CBCP(Single)	Dimming	Beam	CRI	CCT	Finish
SL11F	LD02 LED 2W	340cd(@3000K Max)	E O Sys. Dimming On-boarding& Sys. Dimming	R 5 Reinvent Wide(15°)	9 A 90 97	30 40 3000K 4000K	BK Black

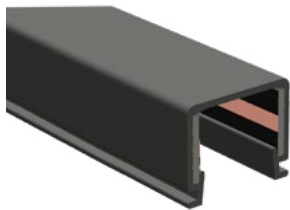
Example : SL11FLD02-E-R930BK

Wiring Schematic Diagram

低压灯具可支持回路集中系统调光，接线示意图如下（调光方式由恒压电器决定），需提前做好调光匹配性测试。

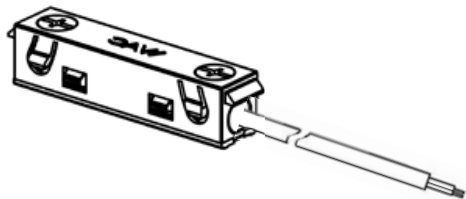


MINI TRACK SYSTEM

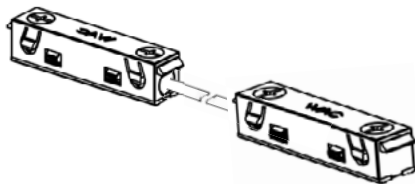


MINI TRACK	
Model	Length
SMT05M-BK-C	0.5m
SMT10M-BK-C	1m
SMT15M-BK-C	1.5m
SMT20M-BK-C	2m

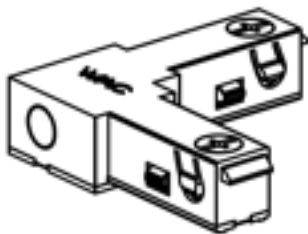
注意：低压轨道采用表面式安装，自带两个端盖（End Cap）



STRAIGHT LINE POWER CONNECTOR	
Model	
SMIE-BK-C	
自带一段0.3m电线	



FLEXIBILITY CONNECTOR	
Model	
SMI-BK-C	
可用于I型或L型转角，线长0.03m	



L CONNECTOR	
Model	
SML-BK-C	
可用于L型转角	



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中国，澳门

ZIGGY WIRELESS WIRELESS POWER SUPPLY

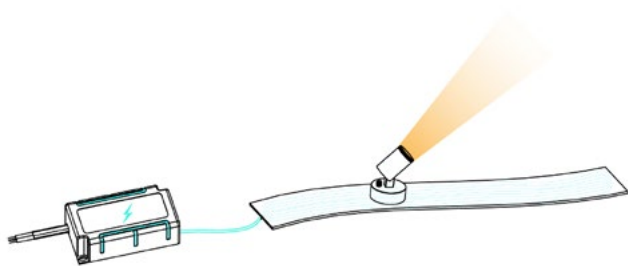


Specifications



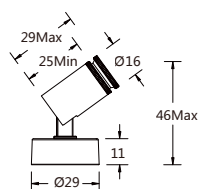
- 主体材质：发射带由金属线圈与皮带包裹（厚度 3.2mm）；
灯具由纯铝合金制成灯身 + 塑胶接收底座。
- 光学系统：调焦透镜
- 表面处理：静电粉末喷涂
- 投射方向：竖直 0~90° 调节、水平不可调节
- 光源类型：High Power LED
- 光源色温、光源光通量：1W 3000K 200lm
- 光源寿命：>50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差：3 SDCM
- 产品重量：0.05Kg

Product Features/Optics



无线供电技术

Product Parameters



Model	LED Power	System CBCP(Single)	Dimming	Beam	CRI	CCT	Finish
ME19F	LD01 LED 1W	340cd(@3000K Max)	E No- Dimming	F 8°-15°	9 A 90 97	30 40 3000K 4000K	BK Black

Example : ME19FLD01-E-F930BK



Model	Length	Finish
ME19F	420 420x53x3.2mm 840 840x53x3.2mm	BK Black

Example : ME19F-420BK

注：灯具和发射带需单独订购。发射带与所连接的电器之间线长 500mm，并通过快插接头连接（所需过孔 Φ16mm），可根据现场定制发射带尺寸规格

青田石 Qingtian Stone

青田石主要产于浙江青田，是一种变质的中酸性火山岩，主要成分为叶蜡石。青田石质地温润，色彩斑斓，花纹奇特，硬度适中，是中国篆刻艺术应用最早、最广泛的印材之一。

Qingtian stone, a kind of metamorphic medium-acid volcanic rocks, of which pyrophyllite is the main component, is largely produced in Qingtian, Zhejiang. Due to its mild and fine texture, rich colors, peculiar pattern and moderate hardness, Qingtian stone is one of the earliest and most widely used materials in Chinese seal cutting art.

青田石

青田石主要产于浙江青田，是一种变质的中酸性火山岩，主要成分为叶蜡石。青田石质地温润，色彩斑斓，花纹奇特，硬度适中，是中国篆刻艺术应用最早、最广泛的印材之一。



OCULARC

OCULARC 系列概览图



定角 & 可调焦
单头、双头

圆形洗墙
单头、双头

线性洗墙

投影灯

OCULARC MINI TRACK

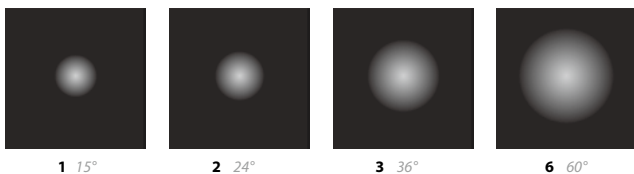


Specifications

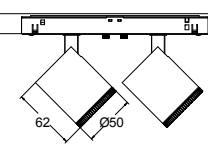


- 主体材质: 铝合金灯体
- 光学系统: 透镜 + SUBROSA® 隐光科技
- 表面处理: 液体烤漆
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 低压轨道 Mini track
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源色温、光源光通量: 3000K 950lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 1.5 SDCM
- 产品重量: 0.20Kg / 0.40Kg

Product Features/Optics



Product Parameters

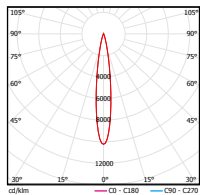
	Model	LED Power	System CBCP(Single)	Dimming	Beam	CRI	CCT	Finish
	SL485	LD10 LED 10W LD20 LED 2*10W	3556cd(@10W 3000K 15°) 2018cd(@10W 3000K 24°) 953cd(@10W 3000K 36°) 418cd(@10W 3000K 60°)	O E On-board ON-OFF*	1 15° 2 24° 3 36° 6 60°	9 A 90 97	30 3000K 40 4000K	BK Black

Example : SL48SLD10-O-2930BK

注释：除 15°自带蜂窝外，其余不含蜂窝；“*”支持系统调光，需搭配外置可调光恒压电器（调光方式由恒压电器决定）

Light Distribution

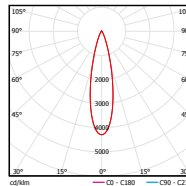
SL485



SL48SLD10-O-1930BK

0° AIMING ANGLE

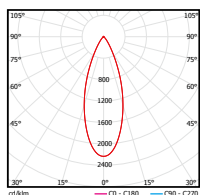
D(M)	LUX	W	L
1	3556	0.26	0.26
2	889	0.52	0.52
3	395	0.78	0.78
4	222	1.04	1.04



SL48SLD10-O-2930BK

0° Aiming Angle

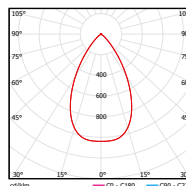
D(M)	LUX	W	L
1	2018	0.43	0.43
2	505	0.86	0.86
3	224	1.29	1.29
4	126	1.72	1.72



SL48SLD10-O-3930BK

0° 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

0° 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

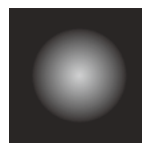


- 主体材质: 铝合金灯体
- 光学系统: 透镜 + SUBROSA® 隐光科技
- 表面处理: 液体烤漆
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 低压轨道 Mini track
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型: High Power LED
- 光源色温、光源光通量: SL45F 3000K 105lm
SL46F 3000K 250lm
SL47F 3000K 480lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 1.5 SDCM
- 产品重量: 0.06Kg / 0.12kg
0.07Kg / 1.15Kg
0.10Kg / 0.20Kg
0.20Kg / 0.40Kg

Product Features/Optics

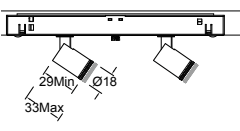


Diminutive Body



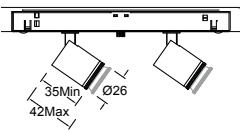
F Focus

Product Parameters

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

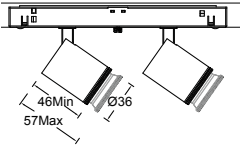
Example : SL45FLD01-O-F930BK

注释 : **支持系统调光, 需搭配外置可调光恒压电器 (调光方式由恒压电器决定)

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

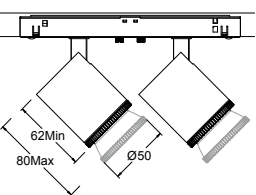
Example : SL46FLD03-O-F930BK

注释 : **支持系统调光, 需搭配外置可调光恒压电器 (调光方式由恒压电器决定)

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

Example : SL47FLD05-O-F930BK

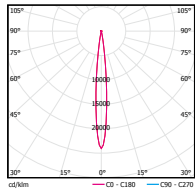
注释 : **支持系统调光, 需搭配外置可调光恒压电器 (调光方式由恒压电器决定)

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

Example : SL48FLD10-O-F930BK

注释 : **支持系统调光, 需搭配外置可调光恒压电器 (调光方式由恒压电器决定)

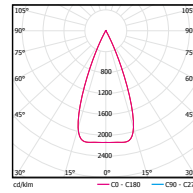
SL45F



SL45FLD01-M-F930 (Min)

0° Aiming Angle

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

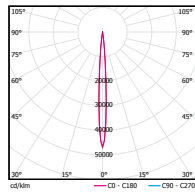


SL45FLD01-M-F930 (Max)

0° Aiming Angle

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

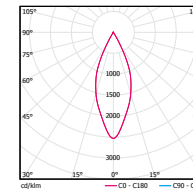
SL46F



SL46FLD03-M-F930 (Min)

0° Aiming Angle

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

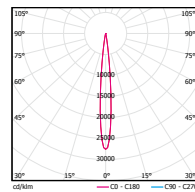


SL46FLD03-M-F930 (Max)

0° Aiming Angle

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

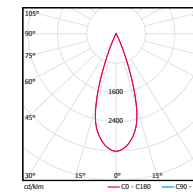
SL47F



SL47FLD05-M-F930 (Min)

0° Aiming Angle

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

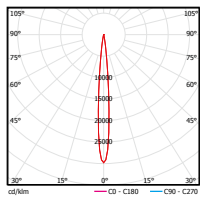


SL47FLD05-M-F930 (Max)

0° Aiming Angle

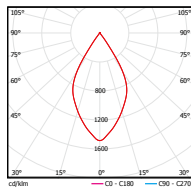
D(M)	LUX	W	L
0.3	5955.56	0.192	0.192
0.6	1488.89	0.384	0.384
1.2	372.22	0.768	0.768
2.4	93.09	1.536	1.536

SL48F



SL48FLD10-O-F930BK-MIN

0° 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

0° 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

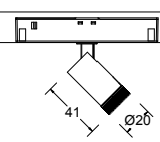


- 主体材质: 铝合金灯体
- 光学系统:
 - SL45F: 多重准直透镜配光
 - SL56F: 多组光学透镜
- 表面处理:
 - SL45F: 液体烤漆
 - SL56F: 静电粉末喷涂
- 投射方向:
 - SL45F: 水平 0° -365°调节; 竖直 0° -90°调节
 - SL56F: 水平 0° -355°调节; 竖直 0° -90°调节
- 配件 / 支架: 低压轨道 Mini track
- 接线示意: 详情请参考本目录册最后接线示意图
- 光源类型:
 - SL45F: High Power LED
 - SL56F: COB
- 光源色温、光源光通量: 3000K 190lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 3 SDCM
- 产品重量: 0.1Kg / 0.4Kg

Product Features/Optics

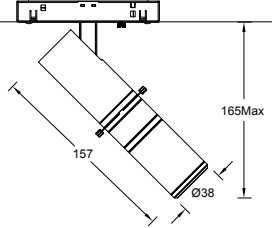


Product Parameters

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

Example : SL45FLD02-O-R930BK

注释 : “*”支持系统调光, 需搭配外置可调光恒压电器 (调光方式由恒压电器决定)

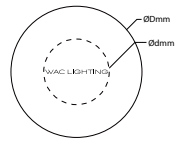
	Model	LED	System CBCP	Dimming	Beam	CRI	CCT	Finish
	SL56F	LM10 COB 10W	3006cd(@10W 3000K Reinvent) 645cd(@10W 3000K Focus)	O E On-board ON-OFF*	R Reinvent	9 A 90 97	30 40 3000K 4000K	BK Black

Example : SL56FLM10-O-R930WT

注释 : “*”支持系统调光, 需搭配外置可调光恒压电器 (调光方式由恒压电器决定)
Beam 栏代码中 R 代表四叶遮挡切光

Accessories

GOBO 片配件

SL45F	LENS-SL45F-GOBO 带 WAC 文字 GOBO 片配件		所有配件均需要单独订购。灯具出厂时不含 GOBO 片。
SL56F	LENS-TL56F-GOBO 带 WAC 文字 GOBO 片配件		所有配件均需要单独订购; 灯具出厂时不含 GOBO 片。 GOBO 片尺寸: 厚度 1mm, D 为 Ø 19.6mm, d 为 Ø14mm, 文字或图案内容可定制 (直径不能超过 d)。

OCULARC WALL WASHER MINI TRACK



SL46W

SL48WLD10

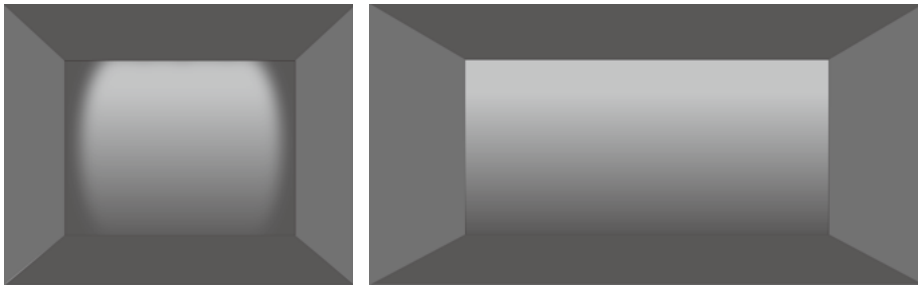
SL48WLD06

Specifications



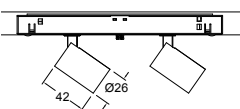
- 主体材质：铝合金灯体
- 光学系统：双重透镜 (SL46W)
透镜 (SL48W)
- 表面处理：液体烤漆
- 投射方向：水平 0° -365°调节；竖直 0° -90°调节
- 配件 / 支架：低压轨道 Mini track
- 接线示意：详情请参考本目录册最后接线示意图
- 光源类型：High Power LED
- 光源色温、光源光通量：SL46W 3000K 250lm
SL48W 3000K 480lm
- 光源寿命：>50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差：1.5 SDCM
- 产品重量：0.08Kg / 0.1Kg

Product Features/Optics



W Wall Washer

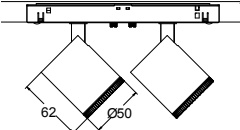
Product Parameters



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

Example : SL46WLD03-O-W930BK

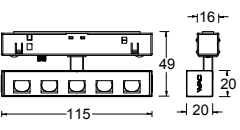
注释 : “*”支持系统调光, 需搭配外置可调光恒压电器 (调光方式由恒压电器决定)



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

Example : SL48WLD10-O-W930BK

注释 : “*”支持系统调光, 需搭配外置可调光恒压电器 (调光方式由恒压电器决定)



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

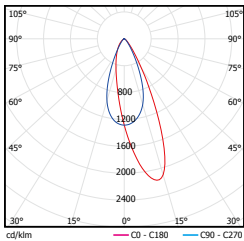
Example : SL48WLD06-O-W930BK

注释 : “*”支持系统调光, 需搭配外置可调光恒压电器 (调光方式由恒压电器决定)

Light Distribution

SL46WLD03-O-W930

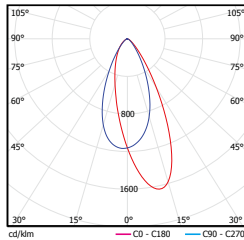
Specifications :
Wall height (m): 3
Offset from wall (m): 0.6
Luminaire spacing (m): 0.6



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

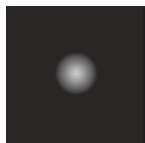


Specifications

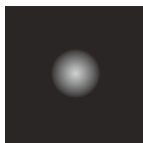


- 主体材质: 铝合金灯体
- 光学系统: 透镜 + SUBROSA® 隐光技术
- 表面处理: 液体烤漆
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 低压轨道 Mini track
- 光源类型: High Power LED
- 光源色温、光源光通量: 3000K 950lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 1.5 SDCM
- 输入电压: 恒流 800mA max (压降 12VDC)
- 调光控制: 可外置驱动, 详见配件规格书 (需单独订购)
- 产品重量: 0.20Kg

Product Features/Optics



1 15°



2 24°

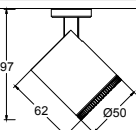


3 36°



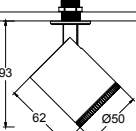
5 60°

Product Parameters

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

Example : ME48SLD10-O-2930BK

注释 : 除 15° 自带蜂窝外, 其余不含蜂窝; **支持系统调光, 需搭配外置可调光恒压电器 (调光方式由恒压电器决定)

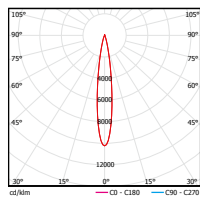
Model	LED	System CBCP(Single)	Dimming	Beam	CRI	CCT	Finish
 SR48S	LD10	LED 10W	O On-board E ON-OFF*	1 15°	9 90 A 97	30 3000K 40 4000K	BK Black
	LD20	LED 2*10W		2 24°			
		3556cd(@10W 3000K 15°) 2018cd(@10W 3000K 24°) 953cd(@10W 3000K 36°) 418cd(@10W 3000K 60°)		3 36°			
				6 60°			

Example : SR48SLD10-O-2930BK

注释 : 除 15° 自带蜂窝外, 其余不含蜂窝; **支持系统调光, 需搭配外置可调光恒压电器 (调光方式由恒压电器决定)

Light Distribution

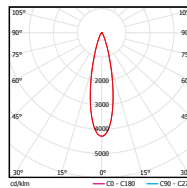
ME/SR48S



ME48SLD10-O-1930BK

0° AIMING ANGLE

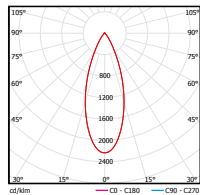
D(M)	LUX	W	L
1	3556	0.26	0.26
2	889	0.52	0.52
3	395	0.78	0.78
4	222	1.04	1.04



ME48SLD10-O-2930BK

0° Aiming Angle

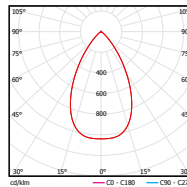
D(M)	LUX	W	L
1	2018	0.43	0.43
2	505	0.86	0.86
3	224	1.29	1.29
4	126	1.72	1.72



ME48SLD10-O-3930BK

0° 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

0° 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



High
CRI



SUBROSA®
Glare-free

- 主体材质: 铝合金灯体
- 光学系统: 透镜 + SUBROSA® 隐光技术
- 表面处理: 液体烤漆
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 低压轨道 Mini track
- 开孔尺寸: Ø17mm for SR45F(安装厚度 1-15mm) 磁吸安装 ME45F
Ø17mm for SR46F(安装厚度 1-15mm) 磁吸安装 ME46F
Ø17mm for SR47F(安装厚度 1-15mm) 磁吸安装 ME47F
- 光源类型: High Power LED
- 光源色温、光源光通量: ME45F 3000K 105lm
ME46F 3000K 250lm
ME47F 3000K 480lm
ME48F 3000K 950lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 1.5 SDCM
- 输入电压: 恒流 350mA max(3VDC)
- 调光控制: 可匹配 MTB 电源分线器 (1W), 详见其规格书 (单独订购)
- 产品重量: 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 6°-40° F 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 6°-40° F 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

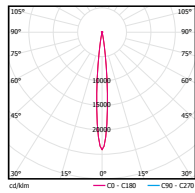
Example : ME48FLD10-N-F930BK

	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

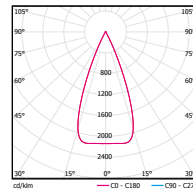
ME/SR45F



ME45FLD01-M-F930 (Min)

0° Aiming Angle

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

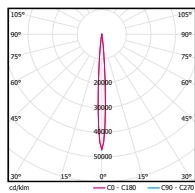


ME45FLD01-M-F930 (Max)

0° Aiming Angle

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

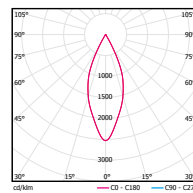
ME/SR46F



ME46FLD03-M-F930 (Min)

0° Aiming Angle

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

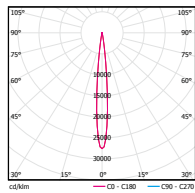


ME46FLD03-M-F930 (Max)

0° Aiming Angle

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

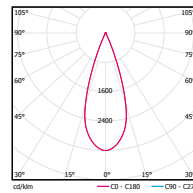
ME/SR47F



ME47FLD05-M-F930 (Min)

0° Aiming Angle

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

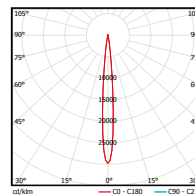


ME47FLD05-M-F930 (Max)

0° Aiming Angle

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

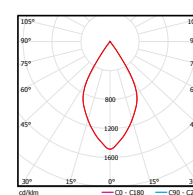
ME/SR48F



ME48FLD10-O-F930BK-MIN

0° 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

0° 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

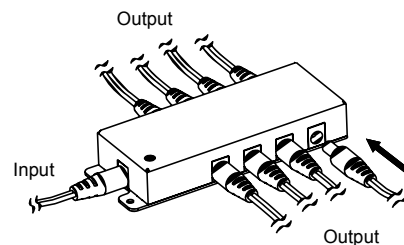
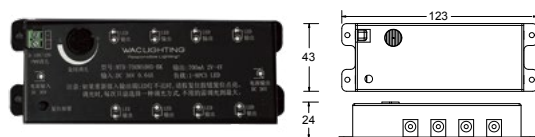
Accessories

Model	Description	Can match luminaires	PIC
MTB-CABLE-1000-BK	Special extension cable: it is used between MTB power splitter and me / sr47fd05-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

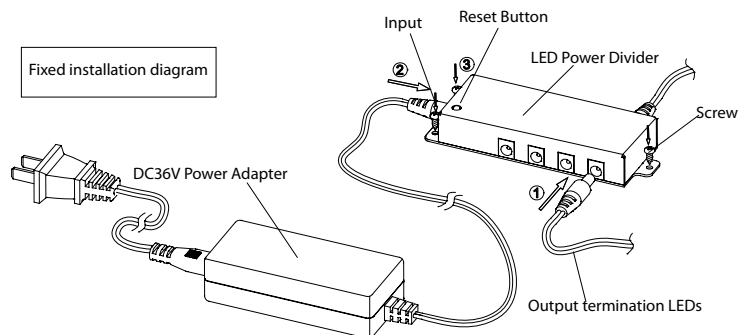
LED-MTB

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



IP20

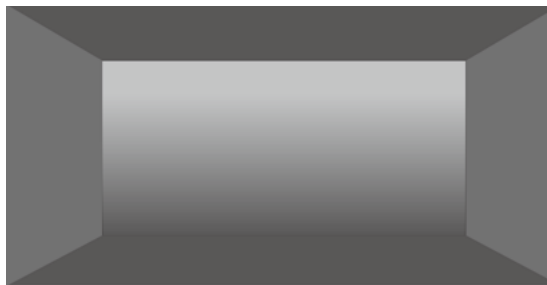
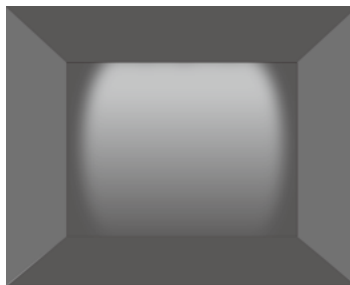


High CRI



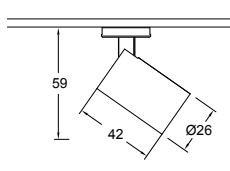
- 主体材质: 铝合金灯体
- 光学系统: 双重透镜 (ME46W)
透镜 (ME48W)
- 表面处理: 液体烤漆
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 配件 / 支架: 低压轨道 Mini track
- 开孔尺寸: Ø17mm for ME46W(安装厚度 1-15mm) 磁吸安装 ME46W
Ø17mm for ME48W(安装厚度 1-15mm) 磁吸安装 ME48W
- 光源类型: High Power LED
- 光源色温、光源光通量: ME46W 3000K 250lm
ME48WLD10 3000K 409lm
ME48WLD06 3000K 600lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 1.5 SDCM
- 输入电压:
ME/SR46W: 恒流 1000mA max(3VDC)
ME/SR48WLD10: 恒流 800mA max (压降 12VDC)
ME/SR48WLD06: 恒流 400mA max(15VDC)
- 调光控制: 可外置驱动, 详见配件规格书 (需单独订购)
- 产品重量: 0.08Kg / 0.1Kg

Product Features/Optics



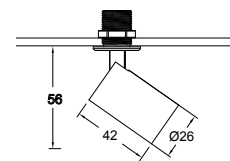
W Wall Washer

Product Parameters



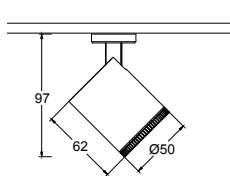
Model	LED	System Lumens	Dimming	Beam	CRI	CCT	Finish
ME46W	LD03 LED 3W	162lm(@3W 3000K)	M N MTB Driver Single Wire	W Wall Washer	9 A 90 97	30 40 3000K 4000K	BK Black

Example : ME46WLD03-M-W930BK



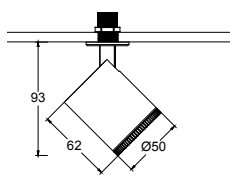
Model	LED	System Lumens	Dimming	Beam	CRI	CCT	Finish
SR46W	LD03 LED 3W	162lm(@3W 3000K)	M N MTB Driver Single Wire	W Wall Washer	9 A 90 97	30 40 3000K 4000K	BK Black

Example : SR46WLD03-M-W930BK



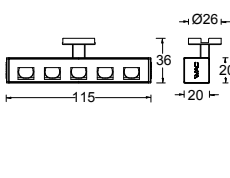
Model	LED	System Lumens	Dimming	Beam	CRI	CCT	Finish
ME48W	LD10 LED 10W	409lm(@10W 3000K)	N Single Wire	W Wall Washer	9 A 90 97	30 40 3000K 4000K	BK Black

Example : ME48WLD10-N-W930BK



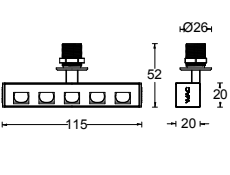
Model	LED	System Lumens	Dimming	Beam	CRI	CCT	Finish
SR48W	LD10 LED 10W	409lm(@10W 3000K)	N Single Wire	W Wall Washer	9 A 90 97	30 40 3000K 4000K	BK Black

Example : SR48WLD10-N-W930BK



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

Example : ME48WLD06-N-W930BK



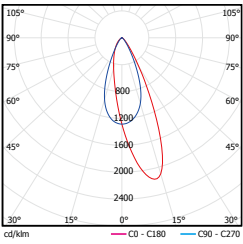
Model	LED	System Lumens	Dimming	Beam	CRI	CCT	Finish
SR48W	LD06 LED 6W	312lm(@10W 3000K)	M N MTB Driver Single Wire	W Wall Washer	9 A 90 97	30 40 3000K 4000K	BK Black

Example : SR48WLD06-N-W930BK

Light Distribution

ME46WLD03-O-W930

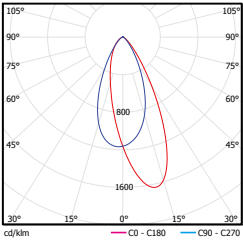
Specifications :
Wall height (m): 3
Offset from wall (m): 0.6
Luminaire spacing (m): 0.6



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 / sr47ld05-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	
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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

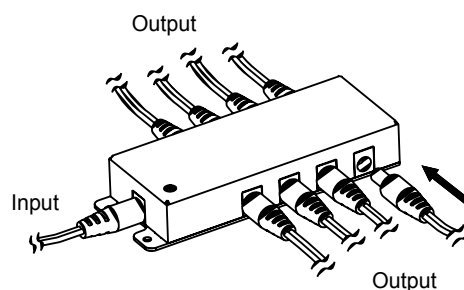
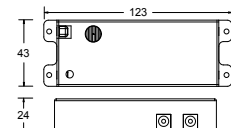
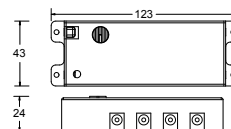
LD-070MA14D-LF-C	Special electrical appliances: Input 220V~240VAC/50Hz, Output 700mA(power 9W), 8-12V supports 0-10V dimming, can drive 1 display cabinet light Size (L * W * H): 115 * 43 * 25, mm	ME48F/SR48F	
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Note: Electrical appliances need to be ordered separately, excluding wires

- MTB Power divider

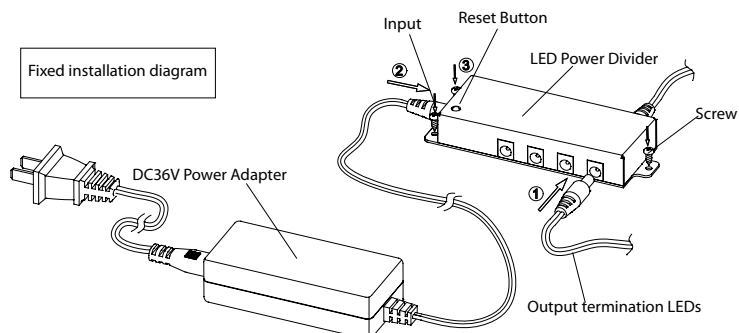
LED-MTB

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



High
CRI



SUBROSA®
Glare-free

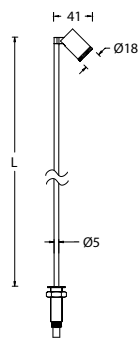
- 主体材质: 铝合金灯体
- 光学系统: 透镜 + SUBROSA® 隐光技术
- 表面处理: 液体烤漆
- 投射方向: 水平 0° -365°调节; 竖直 0° -90°调节
- 开孔尺寸: Ø13mm
- 安装厚度: 1-30mm
- 灯具高度: 20-400mm 任意可调 (即线图中尺寸"L")
- 光源类型: High Power LED
- 光源色温、光源光通量: 3000K 250lm
- 光源寿命: >50,000h-L70 / B10-Ta25°C (LM-80/TM-21)
- 光源色容差: 1.5 SDCM
- 输入电压: 恒流驱动 350mA max(3VDC)
- 调光控制: 可匹配 MTB 电源分线器 (1W), 需单独订购
- 产品重量: 0.1Kg / 0.12Kg

Product Features/Optics



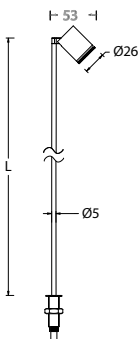
F 6°/8°/10°-40°

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

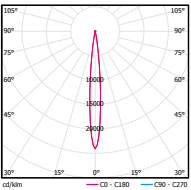
Example : PL45FLD01-M-F930BK



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° F 8°-40°	9 90 A 97	30 3000K 40 4000K	BK Black

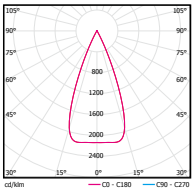
Example : PL46FLD03-M-F930BK

PL45F



PL45FLD01-M-F930 (Min)

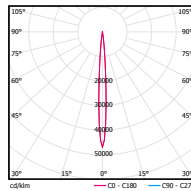
0° Aiming Angle			
D(M)	LUX	W	L
0.3	3777.8	0.054	0.054
0.6	944.44	0.108	0.108
1.2	236.11	0.216	0.216
2.4	59.03	0.432	0.432



PL45FLD01-M-F930 (Max)

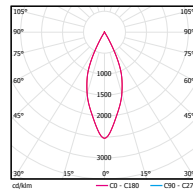
0° Aiming Angle			
D(M)	LUX	W	L
0.3	866.67	0.234	0.234
0.6	216.67	0.468	0.468
1.2	54.17	0.936	0.936
2.4	13.54	1.872	1.872

PL46F



PL46FLD03-M-F930 (Min)

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



PL46FLD03-M-F930 (Max)

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

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.

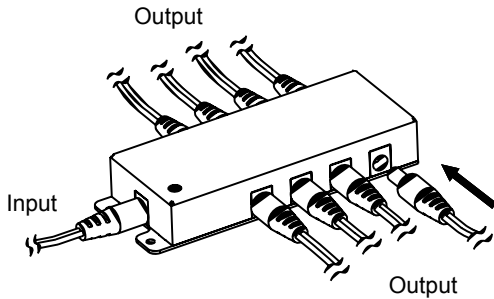
4LD-350MA10D-LF-C	Input 220V ~ 240V AC / 50Hz, Output 350mA (power 4.5w), 6-30v, support 0-10V dimming, and drive 1-2 exhibition cabinet luminaires (in series). Size (L *W* H): 121 * 41 * 22mm	ME45F/SR45F/ME46F/SR46F/ME47F/SR47F	
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Note: the length of 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

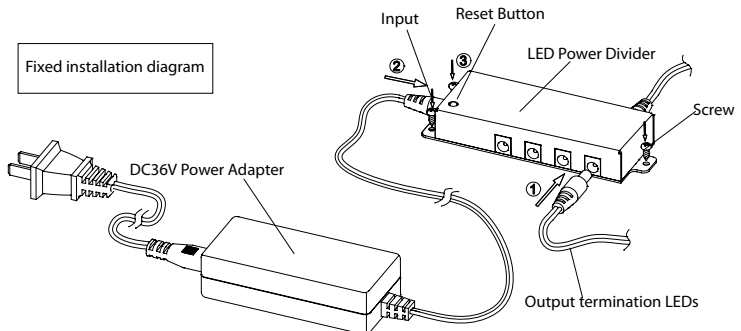
LED-MTB

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



上海天文馆
中国，上海



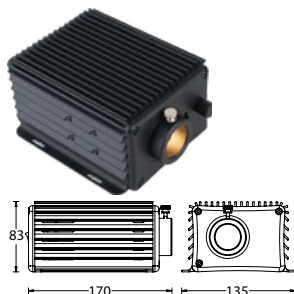
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and po

它缓缓转动镜头
拍下了那将著名
It turned its lens
And took that famous
February 14, 1968

这个
we're

Fiber optic lighting system

光纤照明系统是由光纤发生器、光纤导光索、光纤棒或聚光型出光头组成



- 精密设计的机械系统，尺寸小巧
- 出色的散热性能，保障 LED 的使用寿命
- 光纤专用光学系统
- LED 功率 30W
- 3000K，显色性高达 Ra97
- 不含红 / 紫外线
- 支持旋钮调光

Model	CCT	Finish
FO-I01LED	30 3000K	BK Black

Example : FO-I01LED-30-BK-C

Fiber optic cable

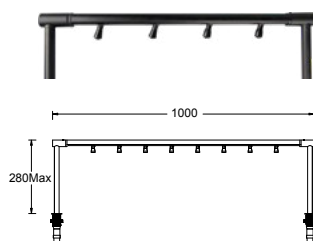


- 可根据客户需求定制
- 直径 2mm/3mm/4mm/10mm
- 不同根数
- 不同长度
- 1/8 随机分布技术

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

The length is customized

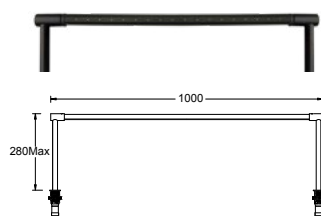
Optical fiber bar



- 铝制灯身，磨砂黑色涂层
- 支撑杆内含光纤
- 采用德国进口光纤材料
- 两端入光
- 适用于 $\Phi 10$ 直径的光纤
- 每米 8 个出光点

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

Example : FO-BP01D-1001-BK

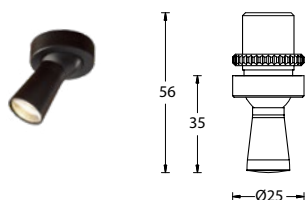


- 铝制灯身，磨砂黑色涂层
- 支撑杆内含光纤
- 采用德国进口玻璃光纤材料
- 两端入光
- 适用于 $\Phi 10$ mm 直径的光纤
- 每米 44 个出光点

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

Example : FO-B01D-1000-BK

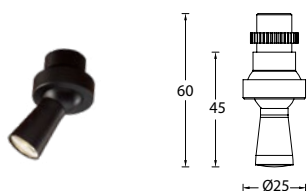
Luminaire head



- 铝制出光头，磨砂黑色涂层
- 光学镜头
- 适用于 $\Phi 2\text{mm}$, $\Phi 3\text{mm}$ 和 $\Phi 4\text{mm}$ 直径的光纤

Model	Beam	Finish
FO-H01 Rotation: 60° Cutout: 20mm	N	BK <i>Black</i>
	F1	
	F2	

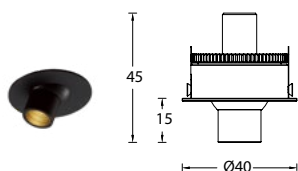
Example :FO-H01-N-BK-C



- 铝制出光头，磨砂黑色涂层
- 光学镜头
- 适用于 $\Phi 2\text{mm}$, $\Phi 3\text{mm}$ 和 $\Phi 4\text{mm}$ 直径的光纤

Model	Beam	Finish
FO-H02 Rotation: 60° Cutout: 15mm	N	BK <i>Black</i>
	F1	
	F2	

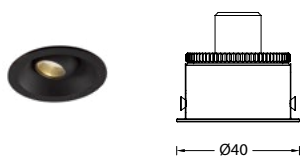
Example :FO-H02-N-BK-C



- 铝制出光头，磨砂黑色涂层
- 光学镜头
- 适用于 $\Phi 2\text{mm}$, $\Phi 3\text{mm}$ 和 $\Phi 4\text{mm}$ 直径的光纤

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

Example :FO-H03-10-BK-C



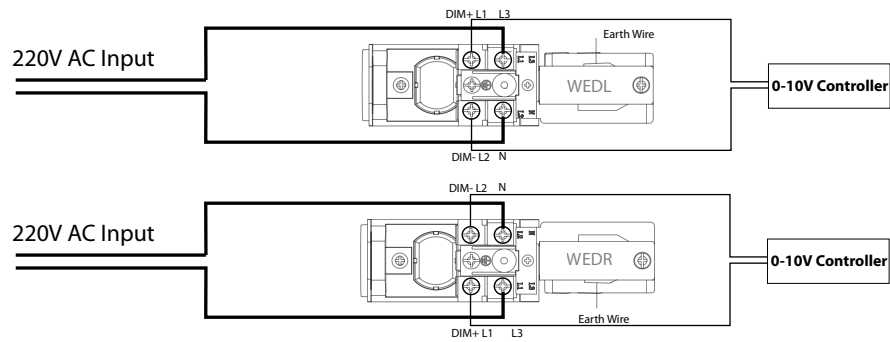
- 铝制出光头，磨砂黑色涂层
- 光学镜头
- 适用于 $\Phi 2\text{mm}$, $\Phi 3\text{mm}$ 和 $\Phi 4\text{mm}$ 直径的光纤

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

Example :FO-H04-10-BK-C

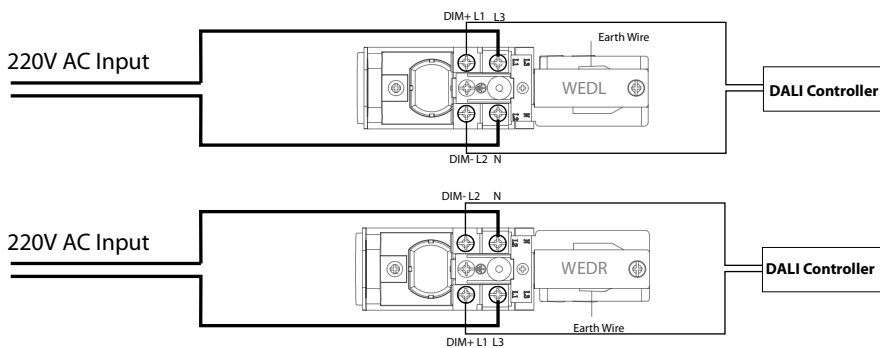
3-CRUIT TRACK WIRING SCHEMATIC DIAGRAM

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



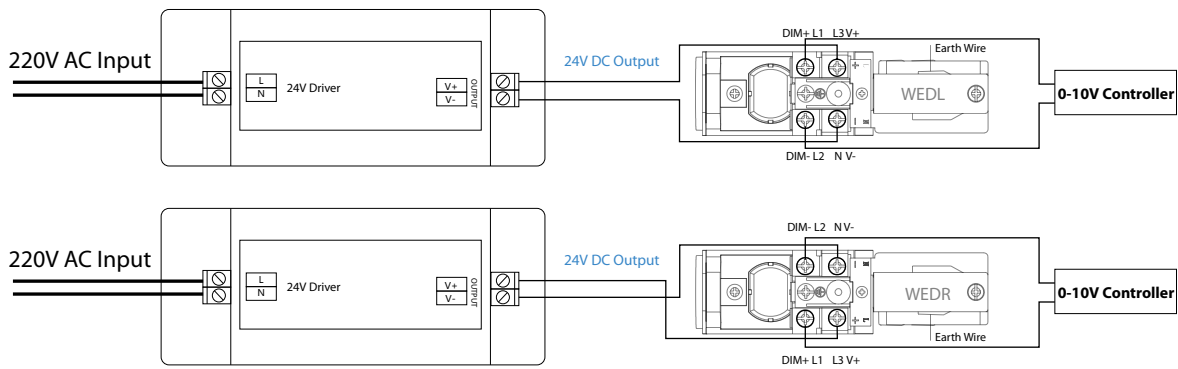
1. 建议使用RVVP 2*1.0信号线。
2. 信号为低压输入，不能直接与220V交流电连接。连接错误可能损坏LED驱动器甚至整个灯具。

DALI dimming control system (220V AC)



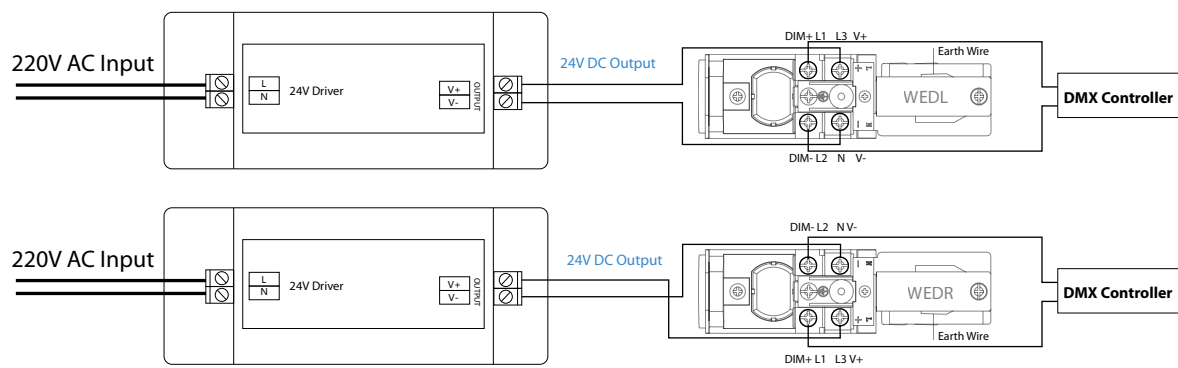
1. 建议使用RVVP 2*1.0信号线。
2. 信号为低压输入，不能直接与220V交流电连接。连接错误可能损坏LED驱动器甚至整个灯具。

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



1. 灯具数量=系统功率*0.8/单灯整灯功率
2. 建议使用RVVP 2*1.0信号线。
3. 信号为低压输入，不能直接与220V交流电连接。连接错误可能损坏LED驱动器甚至整个灯具。

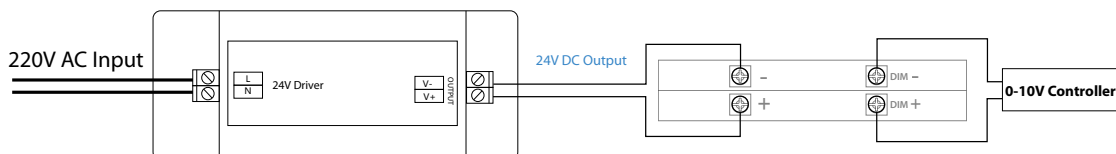
DMX dimming control system (24V DC)



1. 灯具数量=系统功率*0.8/单灯整灯功率
2. 建议使用RVVP 2*1.0信号线。
3. 信号为低压输入，不能直接与220V交流电连接。连接错误可能损坏LED驱动器甚至整个灯具。

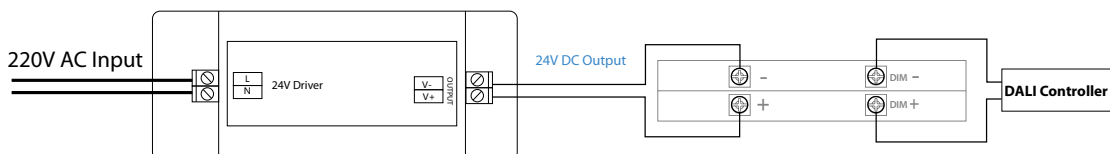
SHOWCASE WIRING SCHEMATIC DIAGRAM

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



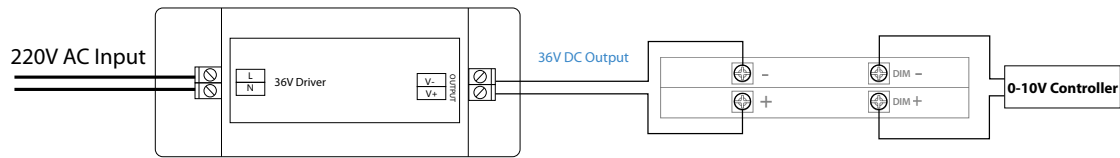
1. 电源根据所接灯具标识选择DC24V;
2. ON/OFF 版本, 信号 +(DIM+)和 信号 -(DIM-) 无需接线;
3. 信号为低压输入, 不能直接与220V交流电连接。连接错误可能损坏LED驱动器甚至整个灯具;
4. 请正确区分0-10V调光的信号+ (DIM+) 和信号- (DIM-) 。

DALI dimming control system (24V DC)



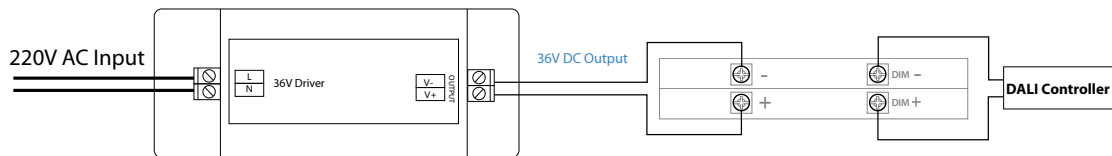
1. 电源根据所接灯具标识选择DC24V;
2. ON/OFF 版本, 信号 +(DIM+)和 信号 -(DIM-) 无需接线;
3. 信号为低压输入, 不能直接与220V交流电连接。连接错误可能损坏LED驱动器甚至整个灯具;
4. DALI调光信号不分正负, 两者都可以连接。

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



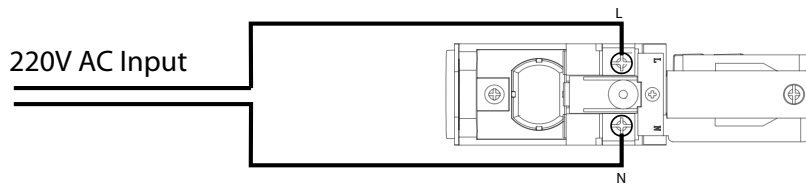
1. 电源根据所接灯具标识选择DC36V;
2. ON/OFF 版本, 信号 +(DIM+)和 信号 -(DIM-) 无需接线;
3. 信号为低压输入, 不能直接与220V交流电连接。连接错误可能损坏LED驱动器甚至整个灯具;
4. 请正确区分0-10V调光的信号+ (DIM+) 和信号- (DIM-) 。

DALI dimming control system (48V DC)



1. 电源根据所接灯具标识选择DC36V;
2. ON/OFF 版本, 信号 +(DIM+)和 信号 -(DIM-) 无需接线;
3. 信号为低压输入, 不能直接与220V交流电连接。连接错误可能损坏LED驱动器甚至整个灯具;
4. DALI调光信号不分正负, 两者都可以连接。

J-TRACK WIRING SCHEMATIC DIAGRAM





CLASS I



CLASS II



CLASS III



Ambient Temperature
-20°C -50°C



Ambient Temperature
-20°C -40°C



Dimmable Luminares



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



Patented SUBROSA®
Glare-free optical system



Patented LiteBrush® optical system



Patented MicroLattice® optical system



Adjustable color temperature

[illegible]

WAC Lighting 全球研发中心
New York: 44 Harbor Park Drive Port Wall
Washington, NY 11050
电话: 516.515.5000 or 800.526.2588
传真: 516.515.5050 or 800.526.2585

WAC Lighting 中国区总部
上海市浦东新区张江毕升路 299 弄第一上海中心 14 号楼
电话: 86.21.33933558

WAC Lighting 北京分部
北京市东城区东直门外大街 48 号东方银座 A-27D
电话: 86.10.58196008

WAC Lighting 深圳分部
深圳市龙岗区坂田街道雪岗路 2018 号天安云谷产业园二期
4 栋 3207-3208 室
电话: 86.755.88917358

WAC Lighting 成都分部
成都市武侯区领事馆路 7 号保利中心写字楼南塔 1505 室电
话: 86.28.85912161

WAC Lighting 武汉分部
武汉市汉阳区龟山北路 1 号汉阳造文化创意产业园 58#
电话: 86.27.82798860

www.waclighting.com / www.waclighting.com.cn



2025 年 06 月 上海