KKLED
—— King-Bridge Lighting ——

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T-242 Series
Urben Lighting

KLED.com

CLASSIC
URBAN LIGHTING

T-242 Series

- 造型经典 / Classic Modeling
- 多种方式 / Multiple Ways
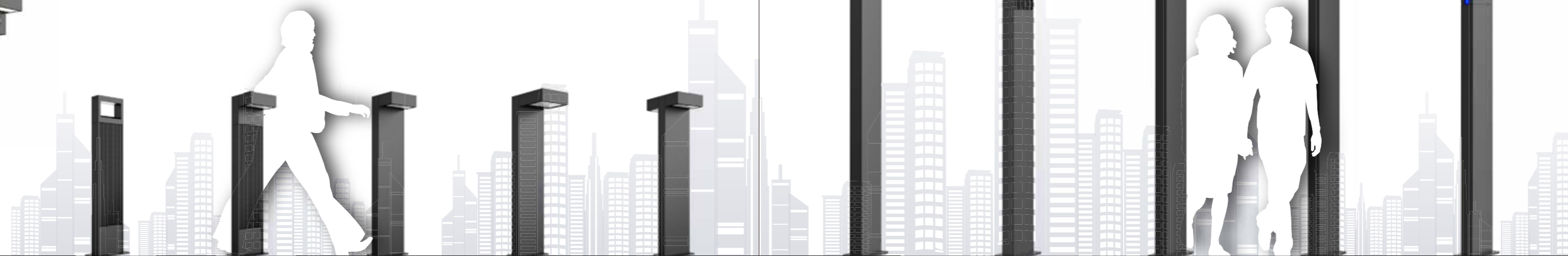- 节约能源 / Energy Saving

Urban Lighting

此款灯具适配各种环境，拥有多种安装方式，轻易就可融入任何环境，到广场，从人行道到城市街道。它集成了高性能光学器件，并与智能系统兼容，以实现对公共照明的的生态保护管理。此款灯具可以安装在灯杆上，也可以壁装，适配多种安装条件。

Adapted to a wide range of environments and with a variety of installation options, this light can easily be integrated into any environment, from the square to the sidewalk to the city street. It integrates high-performance optics and is compatible with intelligent systems to achieve ecological management of public lighting. This lamp can be installed on the lamp pole, can also be wall mounted, suitable for a variety of installation conditions.

B-242/12W
B-242SL/12W
B-242L/25W
B-242W/12W

CS-242B/10W/H100

CS-242/10W/H102

C-242/12W/H100

C-242L/25W/H100

C-242D/12W*2/H100

T-242/25W/H300

TS-242/20W/H300

T-242A/25W/H300

T-242AD/25W*2/H300

T-242LD/25W*2/H300

T-242D
*2*25W*

T-242
25W

LED

简述 Description

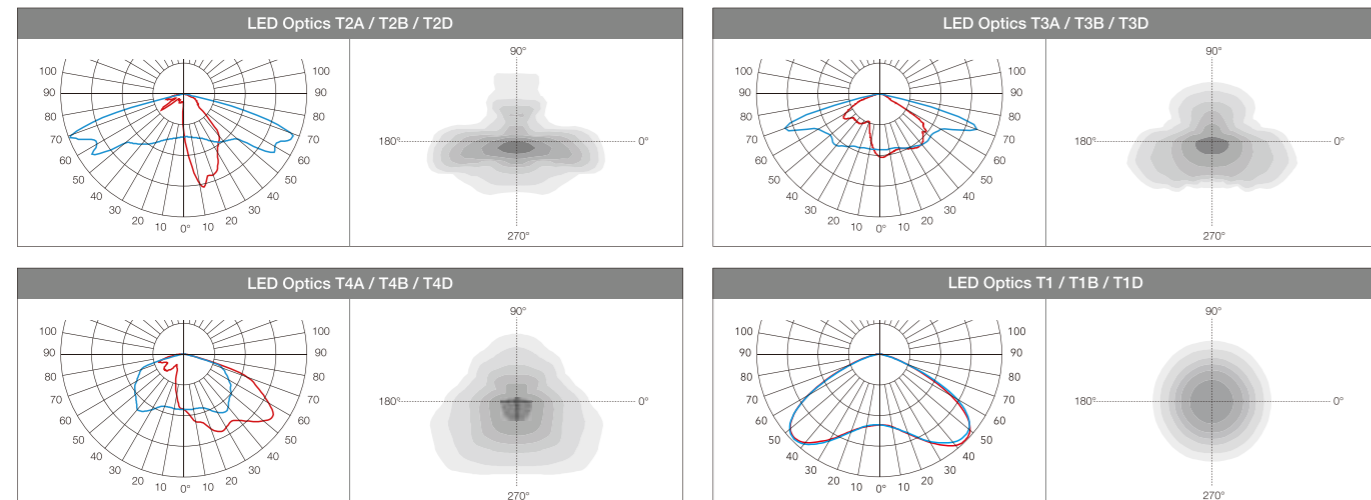ETL | 3C | CE | CB | GS | IP66 | IK08 | F | ☐
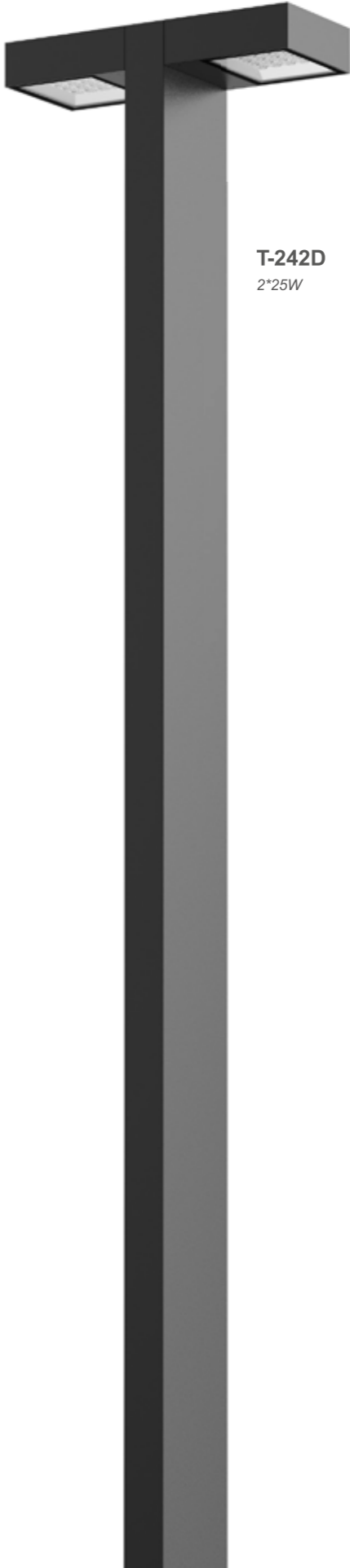
- 铝压铸灯体外壳，铝合金拉伸灯杆，可以根据需求截取任意高度
- 发光面采用超白钢化玻璃，高透光PC透镜，具有极高的视觉舒适性
- 高性能LED芯片，驱动有0-10V /DALI / 编程电源选择
- 灯具采用LED模组，安装更换方便
- 防紫外线聚氨酯粉塑喷涂表面，盐雾测试可达1000小时以上
- 无生物蓝光危害风险，符合EN62471：2008标准
- 所有外部螺钉均为304不锈钢材质

- Aluminum die casting cover, extruded aluminum body, it can be cut different height.
- The luminous surface is made of super white tempered glass with high transmittance PC lens, which has extremely high visual comfort.
- High quality LED chips, Driver with 0-10V/DALI/programmed options.
- LED module is used inside, which is easy to install and replace.
- Surface anti-ultravilet pure polyester powder painting, Corrosion resistance can be more than 1000 hours.
- No photo-biological risk, (no risk linked to infrared, blue light and UV radiation) in accordance with EN62471:2008.
- All external screw are in 304 stainless steel.

- **应用场所：**广场、道路、公园、步行街等场所

- **Applications**: For landscape lighting places such as square, buildings, sculptures, signs and billboards.
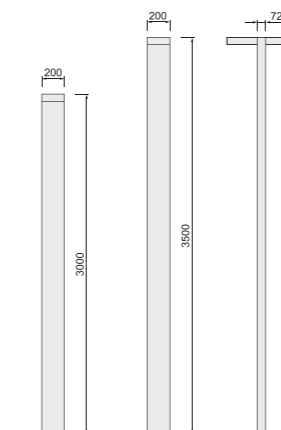
应用透镜 Optics application

LED Optics T2A / T2B / T2D	LED Optics T3A / T3B / T3D
LED Optics T4A / T4B / T4D	LED Optics T1 / T1B / T1D

技术参数 Technology data

T-242

Code	Power	LED Qty	Optics	Packing Size	Weight	Pcs/20"	Pcs/40"
LED chips - 3535/5050							
T-242LED25-24H250	25W	24	T1D/T2D/T3D/T4D	**Head:** 220*250*90	3.5	100	203
				Pole: 2550*280*200	10.8		
T-242LLED25-24H300	25W	24	T1D/T2D/T3D/T4D	**Head:** 390*380*180	3.5	100	203
				Pole: 3050*280*200	12.4		
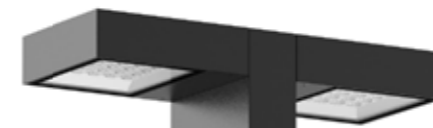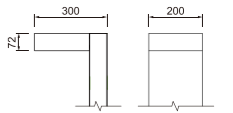
300 | 200 | 72

T-242D

Code	Power	LED Qty	Optics	Packing Size	Weight	Pcs/20"	Pcs/40"
LED chips - 3535/5050							
T-242DLED50-48H300	2*25W	2*24	T1D/T2D/T3D/T4D	**Head:** 220*250*200	6	100	203
				Pole: 3050*280*200	10.8		
T-242DLED50-48H350	2*25W	2*24	T1D/T2D/T3D/T4D	**Head:** 220*250*200	6	100	203
				Pole: 3550*280*200	10.8		

528 | 200 | 72

200 | 200 | 72

3000 | 3500
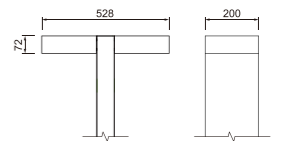
太阳能方杆庭院灯
## Solar Square Rod Street Lighting

CE   CB   IP66   IK08

TS-242

- 铝压铸灯体外壳，铝合金拉伸灯杆，可根据需要截取不同高度
- 造型简约时尚，可适用于公园、街道、能源匮乏地区等多种场合
- 太阳能设计，高效节能，保护环境
- 灯具采用超白钢化玻璃，具有很好的视觉舒适性
- 采用通常用于电动客车的LiFePO₄电池
- 防紫外线聚氨酯塑粉喷涂表面，耐腐蚀可以达1000小时以上
- 一体化包装，运输方便
- 低电压设计，安全可靠

- Aluminum die casting cover, aluminum alloy tensile lamp pole, it can be cut different height.
- Simple and stylish, it can be used in parks, streets, energy poor areas and other occasions.
- Solar design, high efficiency, energy saving, environmental protection.
- The luminaire is made of super white tempered glass for good visual comfort.
- With LiFePO₄ battery which usually apply for electric bus.
- Surface anti-ultravilet pure polyester powder painting.
- Integrated package, convenient transportation.
- Low voltage design, safe and Reliable.

远程控制系统和智能系统可选
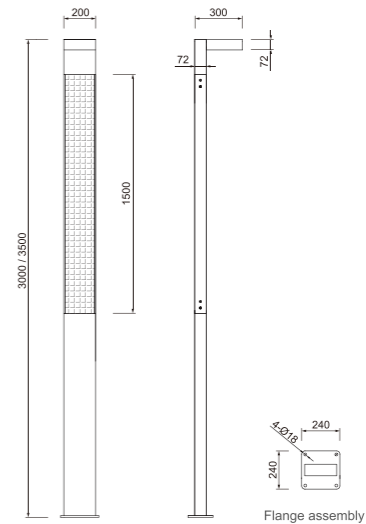### Remote control system & Smart intelligent system availble upon request

节能控制系统
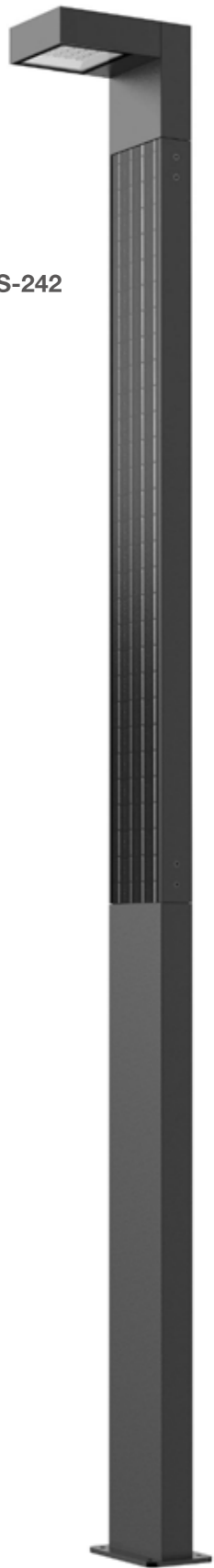Energy saving with remote control system
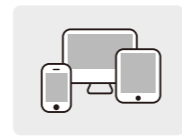
物联网智能系统
Network for smart intelligent system

遥控器
Remote control

Flange assembly

灯具型号 Model	功率 Power	太阳能板 Solar PV	电池 LiFePO₄ Battery			光通量 Luminous	LED灯珠 LED Chips
			General / 3 days				
			2hrs - 100%, 2hrs - 70%, 2hrs - 50%,6hrs - 20%				
TS-242LED-20	20W	18V / 100W	461WH / 12.8V 36AH			3000 lm	5050*24pcs

木纹方杆庭院灯
Wood Grain Square Rod Street Lighting

ETL · CE · CB · IP66 · IK08
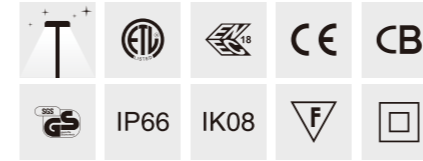
- 铝压铸灯体外壳，铝合金拉伸灯杆，可根据需要截取不同高度
- 高性能LED芯片，驱动有0-10V /DALI / 编程电源选择
- 木纹设计，造型独特
- 灯具采用超白钢化玻璃，具有很好的视觉舒适性
- 灯具采用LED模组，安装更换方便
- 防紫外线聚氨酯塑粉喷涂表面，耐腐蚀可以达1000小时以上
- 无生物蓝光危害风险，符合EN62471：2008标准
- 所有外部螺钉均为304不锈钢材质

- Aluminum die casting cover, aluminum alloy tensile lamp pole, it can be cut different height.
- High quality LED chips, Driver with 0-10V/DALI/programmed options.
- Wood grain design, unique shape.
- The luminaire is made of super white tempered glass for good visual comfort.
- LED module is used inside, which is easy to install and replace.
- Surface anti-ultravilet pure polyester powder painting.
- No photo-biological risk, (no risk linked to infrared, blue light and UV radiation) in accordance with EN62471:2008.
- All external screw are in 304 stainless steel.

T-242AD

T-242A

200

300

72

72

1300

3000 / 3500

4-Ø18

240

240

Flange assembly
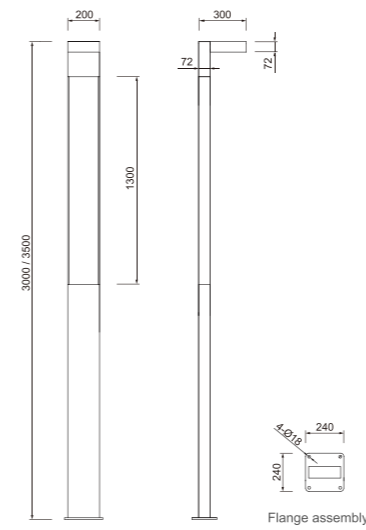
灯带方杆庭院灯
Tape Light Square Rod Street Lighting

ETL (EK)18 CE CB

GS IP66 IK08 F □

T-242SM

- 铝压铸灯体外壳，铝合金拉伸灯杆，可根据需要截取不同高度
- 高性能LED芯片，驱动有0-10V /DALI / 编程电源选择
- 灯带设计，造型独特，颜色可变
- 灯具采用超白钢化玻璃，具有很好的视觉舒适性
- 灯具采用LED模组，安装更换方便
- 防紫外线聚氨酯塑粉喷涂表面，耐腐蚀可以达1000小时以上
- 无生物蓝光危害风险，符合EN62471：2008标准
- 所有外部螺钉均为304不锈钢材质

- Aluminum die casting cover, aluminum alloy tensile lamp pole, it can be cut different height.
- High quality LED chips, Driver with 0-10V/DALI/programmed options.
- Light strip design, unique shape, color variable.
- The luminaire is made of super white tempered glass for good visual comfort.
- LED module is used inside, which is easy to install and replace.
- Surface anti-ultravilet pure polyester powder painting.
- No photo-biological risk, (no risk linked to infrared, blue light and UV radiation) in accordance with EN62471:2008.
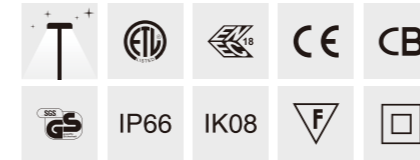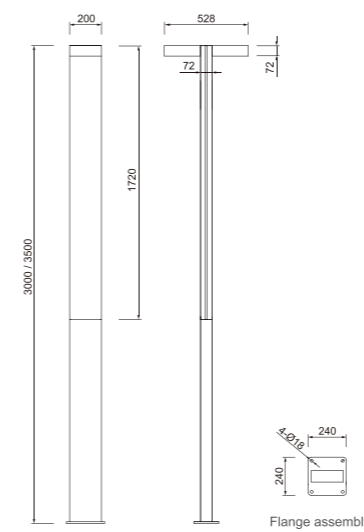- All external screw are in 304 stainless steel.

T-242LD

200   528

72   72

1720

3000 / 3500

4-Ø18   240

240

Flange assembly

控制器
Controller

环境传感器
Environmental sensing system

信息发布
Information publishing system

一键报警
One key alarm system

SOS

智能充电桩
Intelligent charging pile system

内置智能网关
Build-in smart gateway

控制器
Controller

在手机或PC端口上实现远程单灯照明、调光、定时等控制功能，有利于精细化管理。

Realizes the remote single lamp lighting, dimming, timing,and other control functions on the mobile phone or PC port. which facilitates refined management.

信息发布
Information publishing system

吸引行人的目光，起到很好的宣传效果。 通过它们，城市变得更加生动活泼，为市民的生活增添了一抹亮色。

Attract the eyes of pedestrians, play a good publicity effect. Through them, the city becomes more lively and adds a bright color to the life of its citizens

智能充电桩
Intelligent charging pile system

通过现有路灯获取电能和网络，在PC端口上实现对充电桩的远程管理，支持手机充电预约、在线支付等。

Get electricity and network through the exist street lamps, realize remote management of charging piles on the PC ports, support charging reservations on the mobile phone,online payment and other information.

环境传感器
Environmental sensing system

环境检测传感器来实现与环境相关的空气温度、适度、风速、风向、降水量、紫外线强度、噪音水平、照度等检测。

Environmentally relevant monitoring of air temperature, humidity, wind speed, wind direction, precipi-tation, ultraviolet intensity, noise level, illuminance etc. is achieved by integrating various environmen-tal monitoring sensors.

一键报警
One key alarm system

遇险的人可以通过一键报警快速报告事故信息。管理中心收到信息后，可立即安排人员进行处理。

People in distress can quickly report the accident information through one key alarm. Atier receiving the information, the management center can immediately arrange personnel to deal with it.

内置智能网关
Build-in smart gateway

智慧路灯系统数据传输的纽带，提供数据采集、应急联动、网络链接、协议转换、数据分析研判、设备监控等功能。

The link of intelligent street lamp system data transmission provides data collection, emergency linkage, network link, protocol conversion, data analysis and judgment, equipment monitoring and other functions.
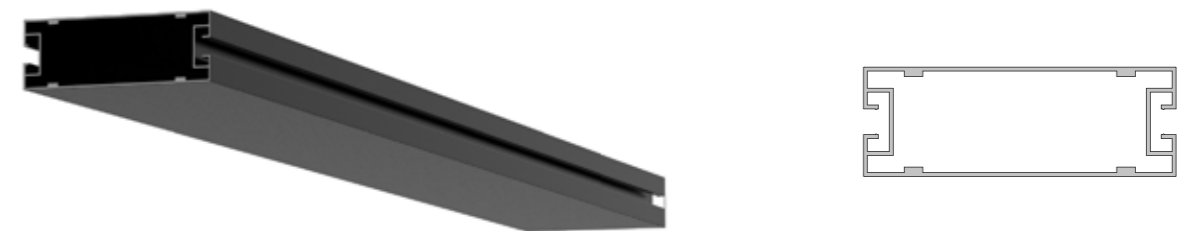
独特的异型铝杆设计，巧妙地利用其连接结构满足高强度和独特外观的特点，未来至少10年可扩展智能灯光、数字音箱、数字监控、发布信息发布、环境监测、生活通道通信网关等智能终端。实现多极一体化，一极多功能。作为多功能终端载体，服务于数字城市建设，满足其功能多元化、空间集约化的发展需求。

The unique special-shaped aluminum pole design, cleverly taking advantage of its connection structure to meet the characteristics of high strength and unique appearance, can expand intelligent terminals such as intelligent lighting, digital speakers, digital monitoring, publish information release, environmental monitor-ing, and life channel communication gateways for at least 10 years in the future. Realize the integration of multiple poles into one, and one pole with multiple functions. As a multi-functional terminal carrier, it serves the construction of digital cities and meets the development needs of its diversified functions and intensive space.

太阳能方形草坪灯
Solar Square Bollard Lighting

ETL   CE   CB   IP65   IK08

- 铝压铸灯体外壳，铝合金拉伸灯体，可根据需要截取不同高度
- 造型简约时尚，可适用于公园、街道、能源匮乏地区等多种场合
- 灯具采用超白钢化玻璃，具有很好的视觉舒适性
- 采用通常用于电动客车的LiFePO₄电池
- 防紫外线聚氨酯塑粉喷涂表面，耐腐蚀可以达1000小时以上
- 配有智能节能模式，高效节能，保护环境
- 低电压设计，安全可靠

- Aluminum die casting cover, extruded aluminum body, it can be cut different height.
- Simple and stylish, it can be used in parks, streets, energy poor areas and other occasions.
- The luminaire is made of super white tempered glass for good visual comfort.
- With LiFePO₄ battery which usually apply for electric bus.
- Surface anti-ultravilet pure polyester powder painting.
- Equipped with intelligent energy-saving mode, high efficiency, energy saving, environmental protection.
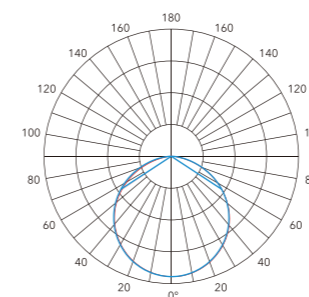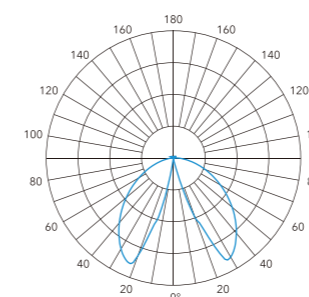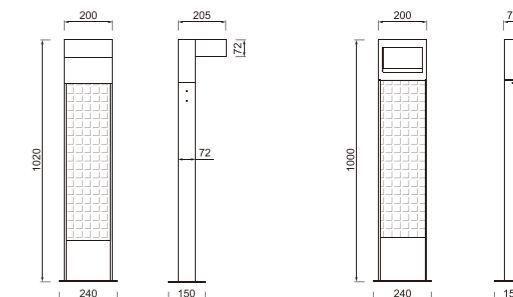- Low voltage design, safe and Reliable.

CS-242

CS-242B

配光曲线　Photometric Data

CS-242

CS-242B

CS-242   **CS-242B**

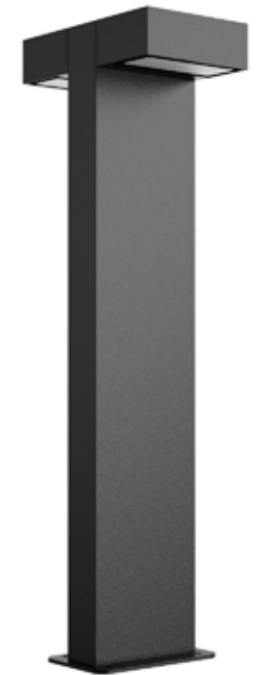| 灯具型号 Model	额定功率 Rated Power	LED灯珠 LED Chips	太阳能板 Solar PV	电池 LiFePO₄ Battery	光通量 Luminous	控制方式 Control Mode	工作时间 Discharging Time
CS-242-H100	10W	2835*72pcs	18V / 22W*2	154WH / 3.2V 48AH	1000 lm	Timing control	>3 days
CS-242B-H100	10W	2835*72pcs	18V / 22W*2	154WH / 3.2V 48AH	850 lm	Timing control	>3 days

KLED

方形草坪灯
Square Bollard Lighting

C-242	**C-242L**	**C-242D**
12W	*25W*	*2*12W*


简述 **Description**

ETL CE IP66 IK09
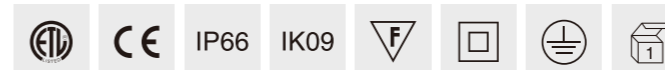
- 铝压铸盖帽，铝合金拉伸灯体，可根据需要截取不同高度
- 高透光PC透镜，具有高视觉舒适性和均匀配光透镜，供多种不同配光选择
- 高性能LED芯片，驱动有0-10V／DALI／编程电源选择
- 灯具采用LED模组，安装更换方便
- 防紫外线聚氨酯塑粉喷涂表面，盐雾测试可以达1000小时以上
- 无生物蓝光危害风险，符合EN62471：2008标准
- 灯具表面最高温度不超过50度，安全可靠

- Aluminum die casting cover, extruded aluminum body, it can be cut different height.
- Optics with PC lens with high visual comfortable and uniform lighting distribution, multiple light distribution options.
- High quality LED chips, Driver with 0-10V/DALI/programmed options.
- LED module is used inside, which is easy to install and replace.
- Surface anti-ultravilet pure polyester powder painting, Corrosion resistance can be more than 1000 hours.
- No photo-biological risk, (no risk linked to infrared, blue light and UV radiation) in accordance with EN62471:2008.
- The maximum surface temperature of all accessible part under 50 degrees.

其他功能选项：双色温切换功能

Other Options: CCT option

Square Bollard Lighting

KLED

技术参数 Technology data

配光曲线 Photometric Data
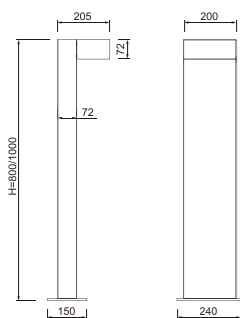
C-242

Code	Power	LED Qty	Input Voltage	Lumen	Packing Size	Weight
LED chips - 2835						
C-242LED12-72H80	12W	72	100V-240V	1500lm	830*235*260	6.5
C-242LED12-72H100	12W	72	100V-240V	1500lm	1030*235*260	7.2
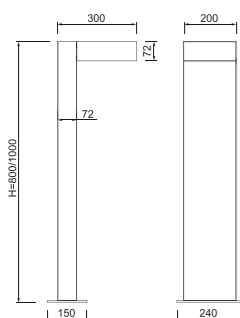
C-242L

Code	Power	LED Qty	Input Voltage	Lumen	Packing Size	Weight
LED chips - 3535/5050						
C-242LLED25-24H80	25W	24	100V-240V	3750lm	830*260*240	7.8
C-242LLED25-24H100	25W	24	100V-240V	3750lm	1030*260*240	8.2
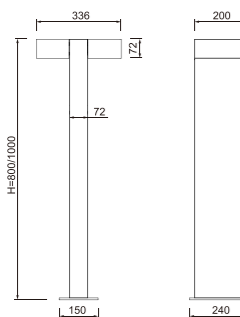
C-242D

Code	Power	LED Qty	Input Voltage	Lumen	Packing Size	Weight
LED chips - 2835						
C-242DLED24-144H80	2*12W	2*72	100V-240V	2*1500lm	830*310*260	9
C-242DLED24-144H100	2*12W	2*72	100V-240V	2*1500lm	1030*310*260	9.7

C-242

C-242D

延伸产品 More in family

C-242-B / C-242D-B
Without Flange Version

可选配件 Accessories options

		Code
Q-02H防水连接器 Terminal Box		320000698
基础预埋件 Anchor Bolts		250000688
膨胀螺钉 Expansion Bolts		613020003
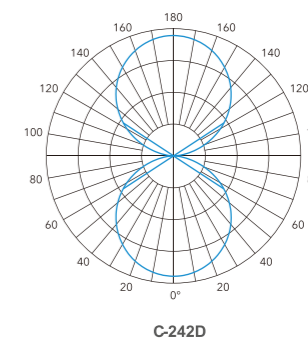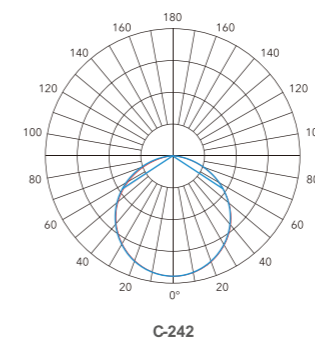
方形壁灯
Square Wall Lighting

B-242
12W

B-242SL
12W

B-242L
25W
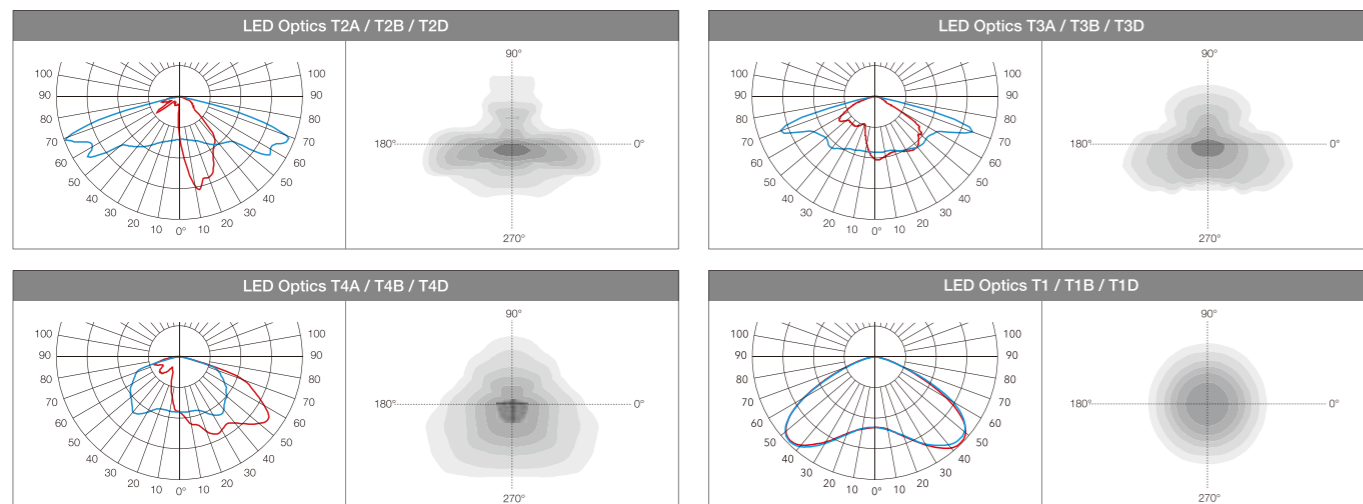
B-242W
12W
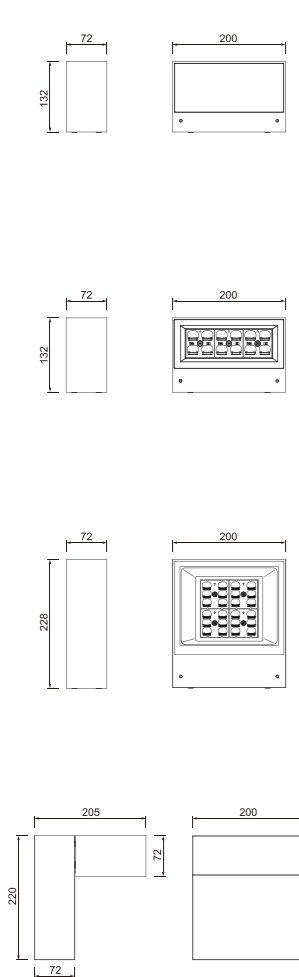
简述 Description

ETL | CE | IP65 | IK08 | DALI | F | ▢

- 铝压铸灯体外壳，超白钢化玻璃，具有高视觉舒适性和均匀光输出
- 高性能LED芯片，驱动有0-10V／DALI／编程电源选择
- 灯具采用LED 模组式设计，模块式电器部件，安装更换方便
- 防紫外线聚氨酯塑粉喷涂表面，耐腐蚀可以达1000小时以上
- 无生物蓝光危害风险，符号EN62471：2008 标准
- 灯具表面最高温度不超过50度，安全可靠
- KLED智能感应设备，通过监控行人及车流量识别，自动调节灯具光通量输出

- Die-casting aluminium body, super white tempered glass, with high visual comfort and uniform lighting distribution.
- High quality LED chips, Driver with 0-10V/DALI/programmed options.
- LED module designed, Integrated components which is easy to install and replace.
- Surface anti-ultravilet pure polyester powder painting, Corrosion resistance can be more than 1000 hours.
- No photo-biological risk, (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The maximum surface temperature of all accessible part under 50 degrees for safety and reliable.
- Kled intelligent sensing equipment can automatically adjust the luminous flux output by monitoring pedestrian and traffic flow identification.

应用透镜 Optics application

LED Optics T2A / T2B / T2D	LED Optics T3A / T3B / T3D

LED Optics T4A / T4B / T4D	LED Optics T1 / T1B / T1D

技术参数 Technology data

B-242

Code	Power	LED Qty	Input Voltage	Lumen	Beam Angle	Packing Size	Pcs/Box
LED chips - 2835							
B-242LED12-72	12W	72	220V-240V	1500	120°	335*225*190	4

B-242SL

Code	Power	LED Qty	Input Voltage	Lumen	Beam Angle	Packing Size	Pcs/Box
LED chips - 3535/5050							
B-242SLLED12-12	12W	12	220V-240V	1700	T1/T2A/T3A/T4A	335*225*190	4

B-242L

Code	Power	LED Qty	Input Voltage	Lumen	Beam Angle	Packing Size	Pcs/Box
LED chips - 3535/5050							
B-242LLED25-24	25W	24	220V-240V	3750	T1D/T2D/T3D/4D	435*270*190	4

B-242W

Code	Power	LED Qty	Input Voltage	Lumen	Beam Angle	Packing Size	Pcs/Box
LED chips - 2835							
B-242WLED12-72	12W	72	220V-240V	1500	120°	445*245*230	2