



SOTAE
索田[®]照明

持久光明 · 一路晶彩

LED 户外系列

专利设计
为应用环境量身配光



INTRODUCTION

江苏碧松照明股份有限公司

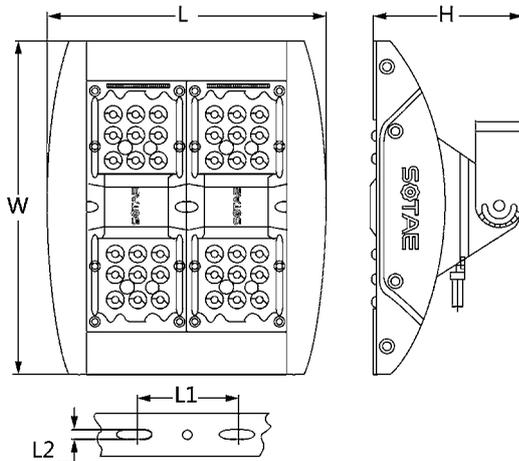
江苏碧松照明股份有限公司是一家集研发，制造，营销为一体的高新科技企业。荣获江苏省著名商标的“索田”照明系列产品，畅销海内外30多个国家和地区。现今，碧松人紧随世界绿色照明的发展步伐，加大对LED照明的研发和设备投入，LED照明已全面进入研发、制造、销售的正常发展轨道，碧松人秉持“科技创新、追求卓越”的经营理念，实现领航全球LED照明的企业目标。

Jiangsu Bisong Lighting Co., Ltd. is a hi-tech company integrating R&D, manufacturing and marketing. Our SOTAE brand products have won Jiangsu province famous trademark and been widely sold in domestic market and more than 30 countries abroad. Nowadays, to follows up the steps of green lighting strategy closely, Bisong has increased investment in R&D of LED lighting and equipments. Our LED lighting business has already entered into the track of normal development of R&D, manufacturing and marketing. Bisong is adhering to the business philosophy of “Innovating upon technology, Pursuing to excellent” to achieve the target of being a global LED lighting leading company.

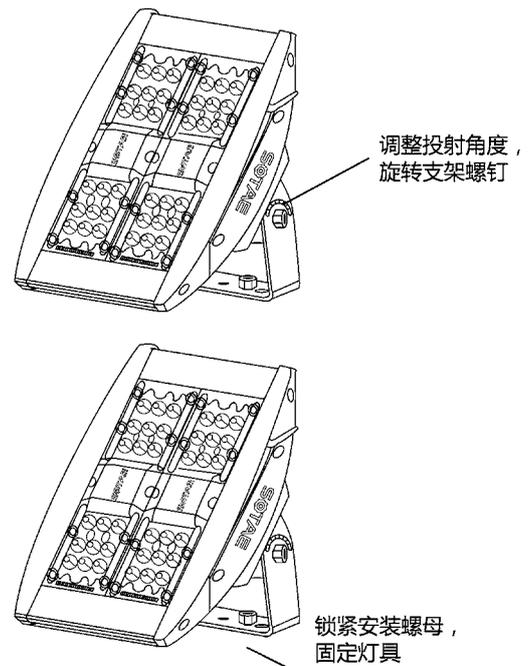
泛光灯 Flood light: FG101

产品特点 Product Features

- 1、采用ACHV新技术，无外置电源，无电磁干扰，无电解电容的寿命问题。
 - 2、使用较少的电子元器件，灯体轻巧，降低故障发生率。
 - 3、采用光源电源一体式设计，方便安装和维护。
 - 4、采用金属挤出成型工艺，良好的散热结构设计。
 - 5、安装角度可自由调节，广泛应用于体育场，大型建筑立面反光照明。
1. Using ACHV technology, the power source and light source are integrated inside the fixture, so there is no EMI problem or capacitor service life limitation.
 2. Fewer IC components are used in this fixture. This feature reduces breakdown occasions, and makes the fixture compact.
 3. The power source and light source are all-in-one, it is easier to install and maintain the light.
 4. The heat sink is made of extruded aluminum alloy, it can dissipate heat fast.
 5. Adjustable lighting direction can meet various beam desire.
- Application: stadium, building facade, billboard, plaza etc.



产品型号	L(mm)	W(mm)	H(mm)	L1(mm)	L2(mm)
FG101-220S60 IC	225	279	119	80	8
FG101-220S90 IC	305	279	119	80	8
FG101-220S120 IC	385	279	119	80	8
FG101-220S150 IC	465	279	119	80	8



产品技术参数 Technical parameters

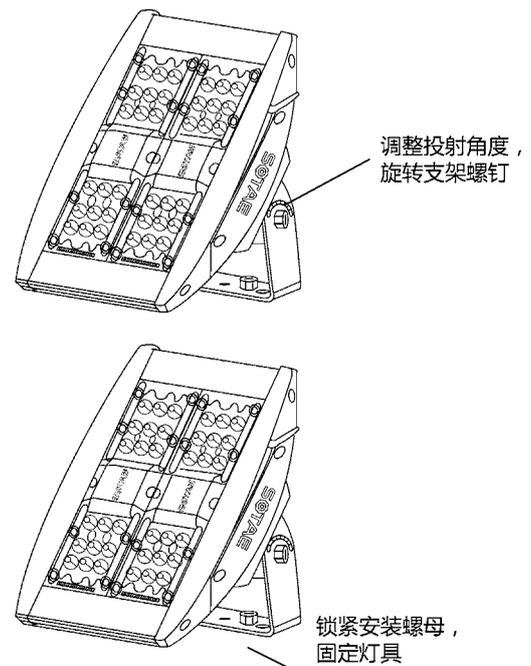
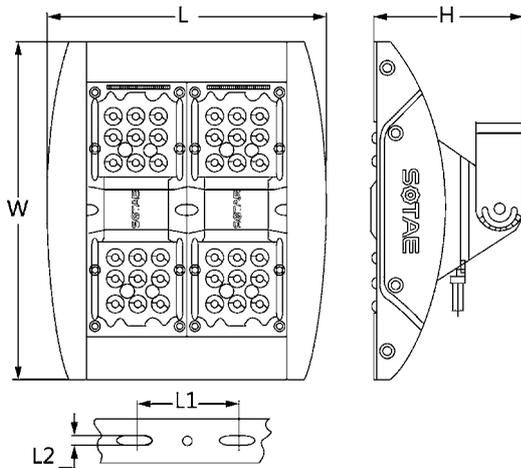
产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
FG101-220S60 IC	60	0.273	AC 220V/50Hz	-25°C~40°C	IP65	3000 / 5700	≥70	5100 / 6600
FG101-220S90 IC	90	0.409						7650 / 9900
FG101-220S120 IC	120	0.545						10200 / 13200
FG101-220S150 IC	150	0.682						12750 / 16500

隧道灯 Tunnel light: SD101

产品特点 Product Features

- 1、采用ACHV新技术，无外置电源，无电磁干扰，无电解电容的寿命问题。
- 2、使用较少的电子元器件，灯体轻巧，降低故障发生率。
- 3、采用光源电源一体式设计，方便安装和维护。
- 4、金属挤出成型工艺，良好的散热结构设计。
- 5、安装角度可自由调节，适用于各类高级公路、桥梁、高速公路、大型立交桥、隧道等。

1. Using ACHV technology, the power source and light source are integrated inside the fixture, so there is no EMI problem or capacitor service life limitation.
2. Fewer IC components are used in this fixture.
This feature reduces breakdown occasions, and makes the fixture compact.
3. The power source and light source are all-in-one, it is easier to install and maintain the light.
4. The heat sink is made of extruded aluminum alloy, it can dissipate heat fast.
5. Adjustable lighting direction can meet various beam desire.
Application: bridge, tunnel, overpass etc.



产品型号	L(mm)	W(mm)	H(mm)	L1(mm)	L2(mm)
SD101-220S60 IC	225	279	119	80	8
SD101-220S90 IC	305	279	119	80	8
SD101-220S120 IC	385	279	119	80	8
SD101-220S150 IC	465	279	119	80	8

产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
SD101-220S60 IC	60	0.273	AC 220V/50Hz	-25°C~40°C	IP65	3000 / 5700	≥70	5100 / 6600
SD101-220S90 IC	90	0.409						7650 / 9900
SD101-220S120 IC	120	0.545						10200 / 13200
SD101-220S150 IC	150	0.682						12750 / 16500

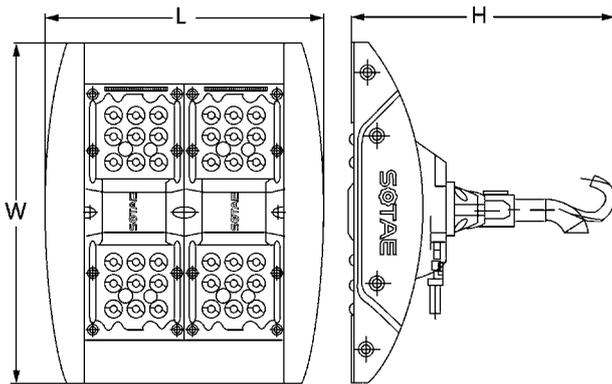
工厂灯 High bay light: GK101

产品特点 Product Features

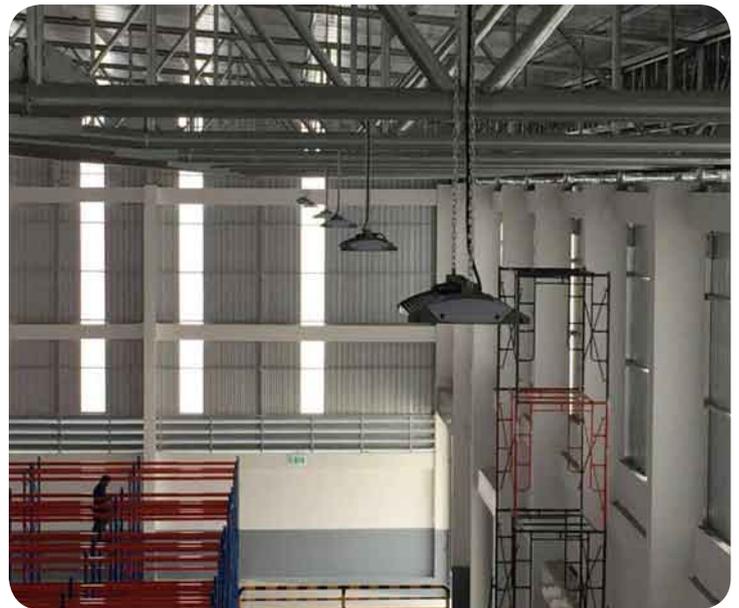
- 1、采用ACHV新技术，无外置电源，无电磁干扰，无电解电容的寿命问题。
- 2、使用较少的电子元器件，灯体轻巧，降低故障发生率。
- 3、采用光源电源一体式设计，方便安装和维护。
- 4、采用金属挤出成型工艺，良好的散热结构设计。
- 5、安装方式：挂钩式，吊杆式。
- 6、适用于高天棚工业厂房，货房，仓库等。

1. Using ACHV technology, the power source and light source are integrated inside the fixture, so there is no EMI problem or capacitor service life limitation.
2. Fewer IC components are used in this fixture.
This feature reduces breakdown occasions, and makes the fixture compact.
3. The power source and light source are all-in-one, it is easier to install and maintain the light.
4. The heat sink is made of extruded aluminum alloy, it can dissipate heat fast.
5. Above features make the lifespan extending to 50000hours possible.
6. Installation way: hook or bracket.

Application: high bay workshop, goods yard, warehouse etc.



产品型号	L(mm)	W(mm)	H(mm)
GK101-220S60 IC	225	279	230
GK101-220S90 IC	305	279	230
GK101-220S120 IC	385	279	230
GK101-220S150 IC	465	279	230



产品技术参数 Technical parameters

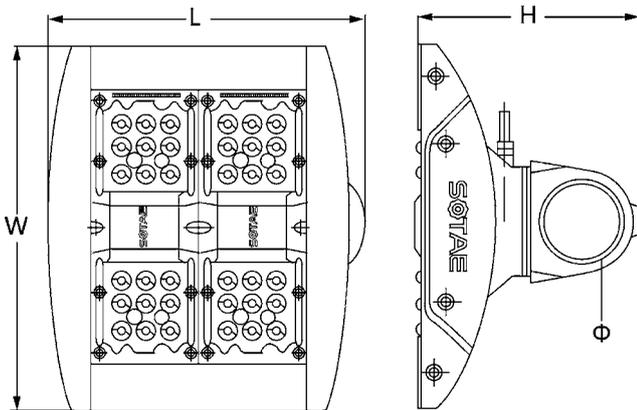
产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
GK101-220S60 IC	60	0.273	AC 220V/50Hz	-25°C~40°C	IP65	3000 / 5700	≥70	5100 / 6600
GK101-220S90 IC	90	0.409						7650 / 9900
GK101-220S120 IC	120	0.545						10200 / 13200
GK101-220S150 IC	150	0.682						12750 / 16500

路灯 Street light: LD101

产品特点 Product Features

- 1、采用ACHV新技术，无外置电源，无电磁干扰，无电解电容的寿命问题。
- 2、使用较少的电子元器件，灯体轻巧，降低故障发生率。
- 3、采用光源电源一体式设计，方便安装和维护。
- 4、金属挤出成型工艺，良好的散热结构设计，精致牢固的灯头固定装置。
- 5、高效浪涌保护，抵御恶劣的自然天气。
- 6、广泛应用于城市道路，商业街道，高速公路，桥梁等。

1. Using ACHV technology, the power source and light source are integrated inside the light, so there is no EMI problem or capacitor service life limitation.
2. Fewer IC components are used in this fixture.
This feature reduces breakdown occasions, and makes the fixture compact.
3. The power source and light source are all-in-one, it is easier to install and maintain the light.
4. The heat sink is made of extruded aluminum alloy, it can dissipate heat fast. And the lamp holder is firmly fixed on heat sink.
5. Surge protection and lightning protection devices ensure the fixture applicable in bad weather.
6. Application: Road, street, highway, bridge etc.



产品型号	L(mm)	W(mm)	H(mm)	Φ(mm)
LD101-220S60 IC	232	279	175	60
LD101-220S90 IC	312	279	175	60
LD101-220S120 IC	392	279	175	60
LD101-220S150 IC	472	279	175	60



产品技术参数 Technical parameters

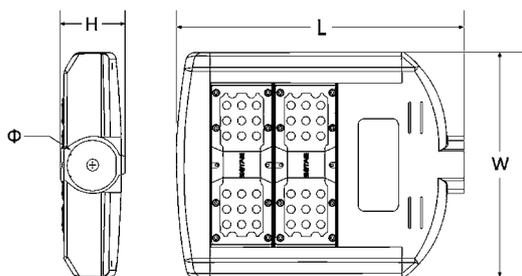
产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
LD101-220S60 IC	60	0.273	AC 220V/50Hz	-25°C~40°C	IP65	3000 / 5700	≥70	5100 / 6600
LD101-220S90 IC	90	0.409						7650 / 9900
LD101-220S120 IC	120	0.545						10200 / 13200
LD101-220S150 IC	150	0.682						12750 / 16500

路灯 Street light: LD102

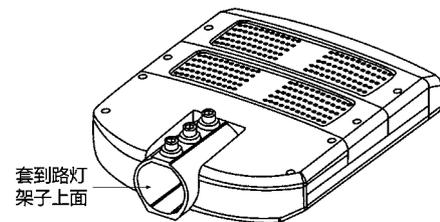
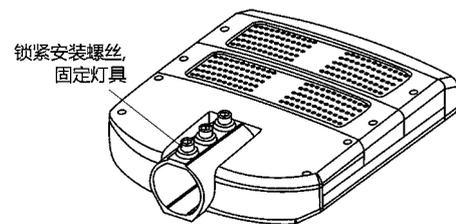


产品特点 Product Features

- 1、采用ACHV新技术，无外置电源，无电磁干扰，无电解电容的寿命问题。
 - 2、使用较少的电子元器件，灯体轻盈，降低故障发生率。
 - 3、采用光源电源一体式设计，方便安装和维护。
 - 4、后背盖高分子散热材料，根据灯杆颜色配色，模组式散热，可叠加。
 - 5、高效浪涌保护，抵制恶劣的自然天气。
 - 6、广泛应用于城市道路，商业街道，球场、桥梁等。
1. Using ACHV technology, the power and light source are integrated inside the fixture, so there is no EMI problem or capacitor service life limitation.
 2. Fewer IC components are used in this fixture. It makes the fixture compact and with less breakdown occasions.
 3. The power source and light source are all-in-one, it is easier to install and maintain the light.
 4. There is a polymer cover at the back of the fixture, you may change the cover color to match the pole color.
 5. Surge protection and lightning protection devices ensure the fixture applicable in bad weather.
 6. Application: Road, street, highway, bridge etc.

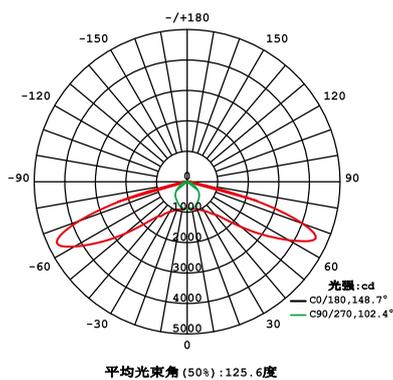
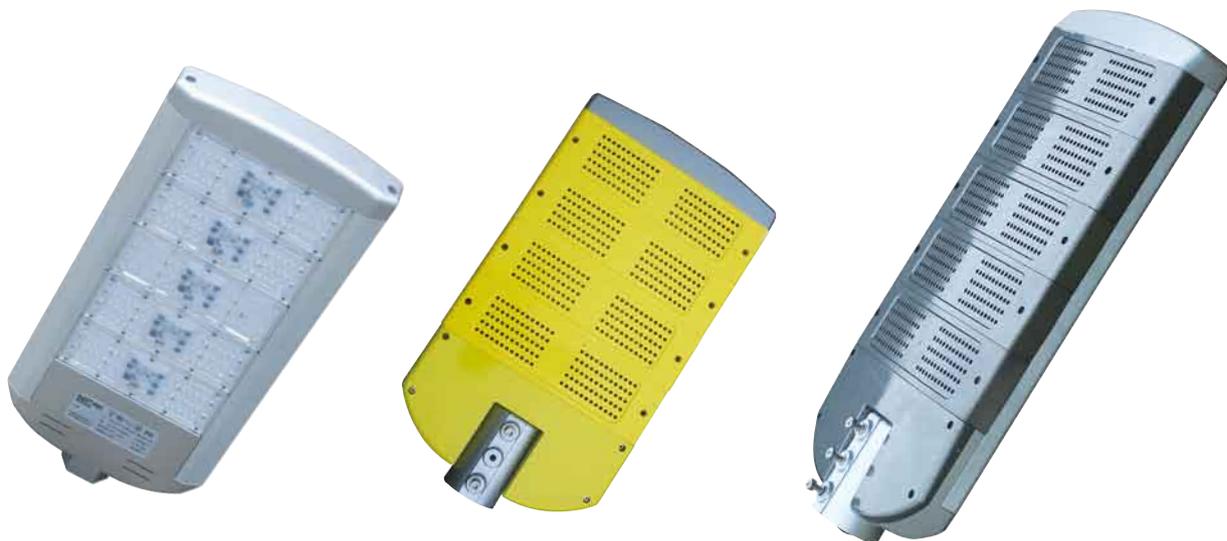


产品型号	L(mm)	W(mm)	H(mm)	Φ(mm)
LD102-220S30IC	296.2	298.1	85.2	67
LD102-220S80IC	380.6	298.1	85.2	67
LD102-220S120IC	464.8	298.1	85.2	67
LD102-220S160IC	549.0	298.1	85.2	67
LD102-220S200IC	633.2	298.1	85.2	67
LD102-220S240IC	717.8	298.1	85.2	67
LD102-220S280IC	799.6	298.1	85.2	67

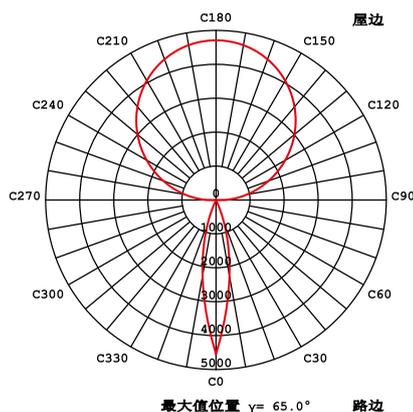


50,000小时超长寿命

路灯 Street light: LD102



子午面配光曲线



最大光强处圆锥面
光强分布曲线



产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
LD102-220S80 IC	80	0.364	AC 220V/50Hz	-25°C~40°C	IP65	3000 / 5700	≥70	6000 / 7600
LD102-220S120 IC	120	0.545						9000 / 11400
LD102-220S160 IC	160	0.727						12000 / 15200
LD102-220S200 IC	200	0.909						15000 / 19000
LD102-220S240 IC	240	1.091						18000 / 22800
LD102-220S280 IC	280	1.273						21000 / 26600

路灯模组

持久光明 · 一路晶彩

路灯模组 Street light module: MZ103

产品特点 Product Features

- 1、采用ACHV新技术，免除了外置电源造成的电子干扰，使用较少电子元器件，降低故障发生率。
- 2、新型钣金散热设计，导热性能约是压铸铝的3倍。寿命达5万小时，是普通金卤灯的3倍。
- 3、LED光源无汞污染，光线中无紫外线和红外线，利于回收利用保护环境。
- 4、新型路灯模组配光设计，小巧美观，便于安装维护。
- 5、提升城市道路，商业街道，建筑，桥梁等照明环境品质。

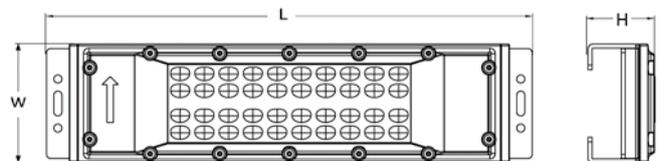
1. Using ACHV technology, there is no EMI from external power supply. Using fewer IC components reduces breakdown occasions.

2. Sheet metal processed heat sink has a good conduction efficiency, it can dissipate heat 3 times quickly of die-casting aluminum. The lifespan is 50000 hours, it is 3 times of normal metal halid light.

3. LED light source is free from mercury pollution, UV & IR light pollution, it has an advantage in reusing for environmental protection purpose.

4. This new street light module is with special light distribution design. Though it' s small, you can assemble by yourself easily to meet different lighting requirements.

5. It helps to improve lighting quality on roads, streets, building, bridges etc.

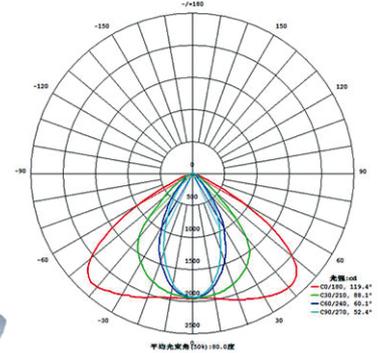


产品型号	L(mm)	W(mm)	H(mm)
MZ103-220S30IC	300	73	41

产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra
MZ103-220S30IC	30	0.136	AC220V/50Hz	-25°C~40°C	IP65	3000 / 5700	≥70

路灯 Street light: LD105



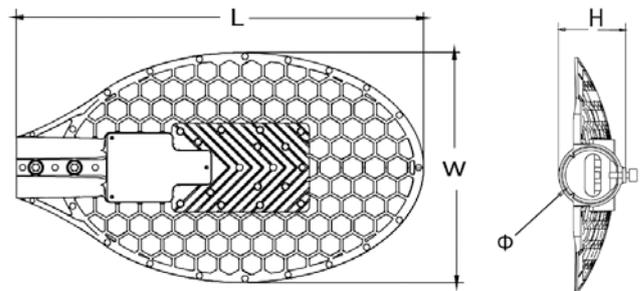
产品特点 Product Features

- 1、采用ACHV新技术，无外置电源，无电磁干扰，无电解电容的寿命问题。
- 2、采用光源、电源一体式设计，较少的电子元器件。
- 3、高效浪涌保护器，抵制恶劣的自然天气。
- 4、广泛应用于城市乡村道路



1. Using ACHV technology, no external power supply, no EMI or electromagnetic capacitor life problem.
2. Using integrated design of source and power, fewer electronic components are used in the fixture.
3. Surge protectors and lighting protection devices ensure the fixture applicable in bad weather.
4. Widely used in city or countryside road.

产品型号	L(mm)	W(mm)	H(mm)	Φ(mm)
LD105-220S30IIC	530	300	81	74
LD105-220S50IIC	530	300	81	74



产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
LD105-220S30IIC	30	0.136	AC 220V/50Hz	-25°C~40°C	IP65	3000 / 5700	≥70	1650 / 2100
LD105-220S50IIC	50	0.227						2750 / 3500

路灯

持久光明 · 一路晶彩

SOTAE
索田®照明

路灯 Street light: LD106

产品特点 Product Features

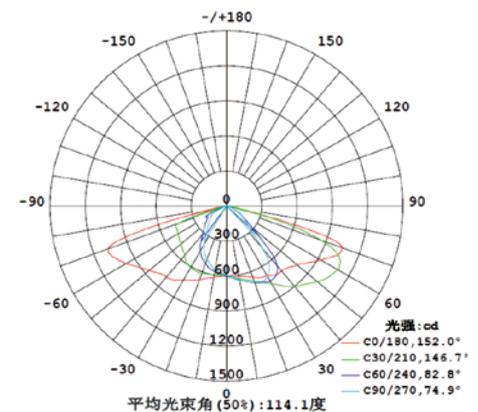
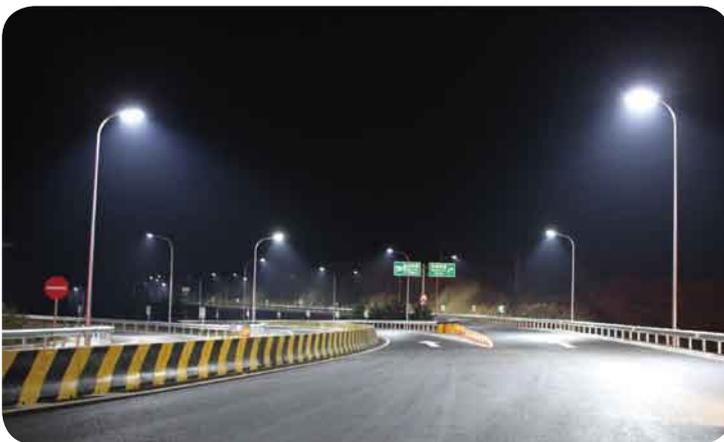
- 1、采用ACHV新技术，无外置电源，无电磁干扰，无电解电的寿命问题。
- 2、采用光源，电源一体式设计，较少的电子元器件，长达50000小时超长寿命。
- 3、高效浪涌保护器，抵制恶劣的自然天气。
- 4、广泛应用于城市道路，商业街道，桥梁等。

1. Using ACHV new technology, the power and light source are inside the fixture, no EMI problem or capacitor service life limitation.

2. Using integrated design of source and power, fewer electronic components are used in the fixture, lifespan is about 50000 hours.

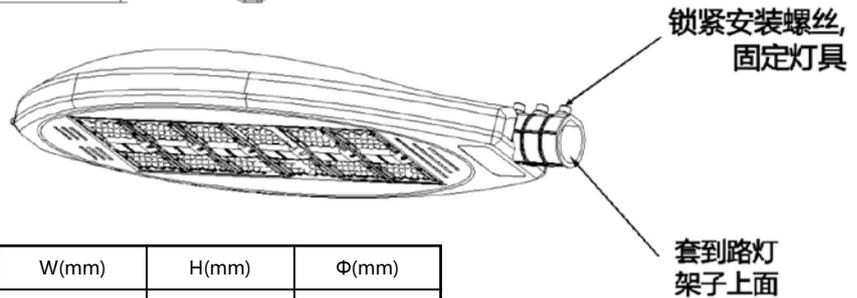
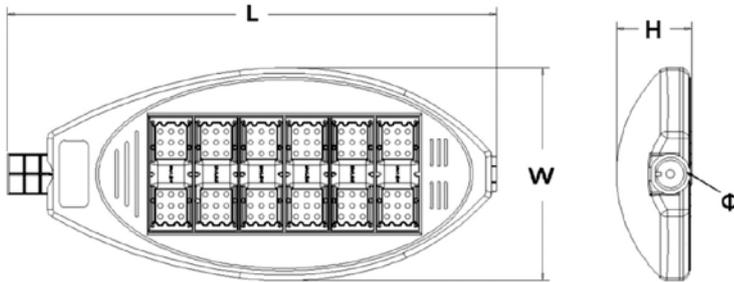
3. Surge protection and lightning protection devices ensure the fixture applicable in bad weather.

4. Application: Road, Street, bridge etc.



50,000小时超长寿命

路灯 Street light: LD106



产品型号	L(mm)	W(mm)	H(mm)	Φ(mm)
LD106-220S120IC	909	396	140	62
LD106-220S150IC	909	396	140	62
LD106-220S160IC	909	396	140	62
LD106-220S180IC	909	396	140	62
LD106-220S200IC	909	396	140	62
LD106-220S240IC	909	396	140	62

产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
LD106-220S120IC	120	0.545	AC 220V/50Hz	-25~40	IP65	3000/5700	≥70	10200/13200
LD106-220S150IC	150	0.682						12750/16500
LD106-220S180IC	180	0.818						15300/19800

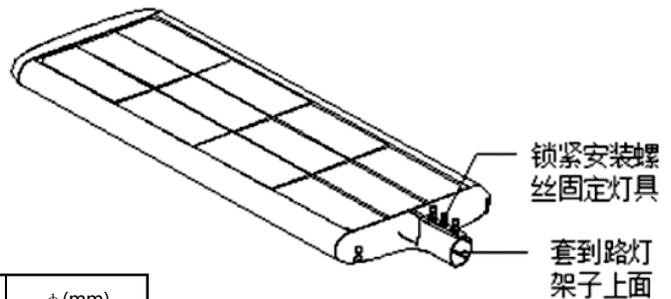
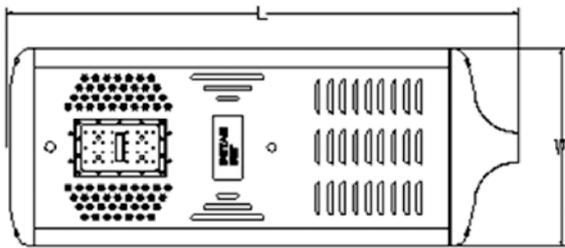
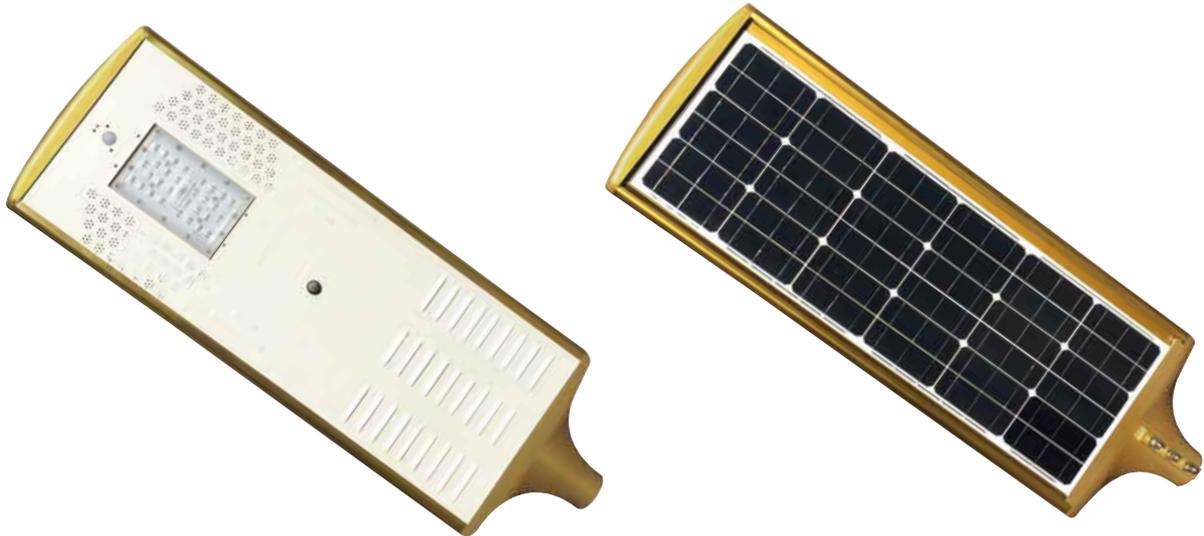
产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
LD106-220S160IC	160	0.727	AC 220V/50Hz	-25~40	IP65	3000/5700	≥70	12000/15200
LD106-220S200IC	200	0.909						15000/19000
LD106-220S240IC	240	1.091						18000/22800

太阳能系列

持久光明 · 一路晶彩

SOTAE
索田®照明

太阳能路灯 Solar Street Light: LD107



产品型号	L(mm)	W(mm)	H(mm)	φ(mm)
LD107-15W	1160	400	108	62

产品技术参数 Technical parameters

产品名称 Model No.	LED灯峰值 功率 (W) LED peak power	电池容量 Battery capacity	太阳能电池板 最大功率 Solar panel max power	工作温度 (°C) Working temp.	IP等级 IP
LD107-15W	15W	12V/20AH	18V/60W	-25-40	IP65

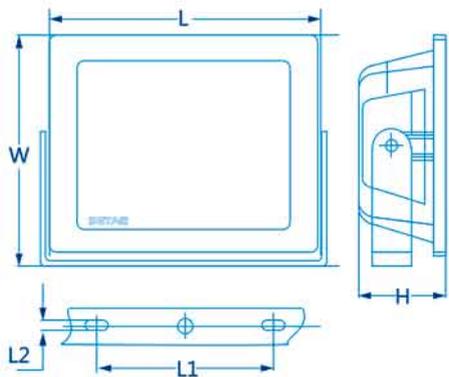


FG201晶系列

高效节能 晶盈设计 绿色环保 新型感受

泛光灯 Flood light: FG201

- 采用ACHV新技术，无外置电源，直接接通电压220v即可点亮，去除电源盒变压器的电子干扰，以及电解电容的寿命限制问题；
- 使用较少的电子元器件，灯体轻巧，同时降低故障发生率；
- 采用光源电源一体式设计，如有故障更换简便；
- 支架安装角度可以调整。



1、ACHV新技术

采用ACHV最新技术，光电一体化设计，直接连通220v电压，减少电源盒变压器的电子干扰。并使用较少的元器件使灯体更显轻盈。

2、低耗节能

超低功耗，无边框设计，最大限度利用光能，在同等光亮下，比普通金卤灯节约50%能源。

3、超长寿命

设计寿命高达3万小时以上，是普通金卤灯寿命的3倍，大大减少维修烦恼与更换次数，节省材料成本与人工维护费用。

4、绿色环保

废气可回收，不含汞，钠等重金属元素，对环境与个人健康无危害。

5、健康光源

采用不含紫外线与红外线的冷光源，眩光小，无辐射。无污染，是典型的安全可触摸绿色环保照明光源。

6、应用环境范围广

材料特殊，耐冲击，不易破损，安装快捷，维护方便，适用于各种应用环境，灯体晶盈，体积纤小，在美化城市照明环境同时，带来节能新感受。

ACHV

Using ACHV technology, the power source and light source are integrated inside the fixture, so there is no EMI problem or capacitor service life limitation.

Low energy consumption

LED fixtures are with ultra-low energy consumption. This fixture is designed without frame to make utmost use of luminous energy.

Long service life

This fixture is designed with super lifespan for about 30000hours. It's 3 times of normal MH lamp. This feature will reduce repair frequency and save maintenance cost.

Free from pollution

LED fixture is without mercury pollution, it is safe to environment and people's health.

Green light source

LED light source is free of UV and IR. It is green light to human beings.

Wide application

This fixture uses die-casting aluminum alloy as housing and heat sink, and the lighting direction is adjustable. You can set it in various places such as stadium, building facade, billboard, plaza, airport, square etc.



30,000小时超长寿命

泛光灯 Flood light: FG201



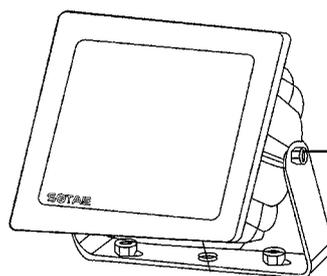
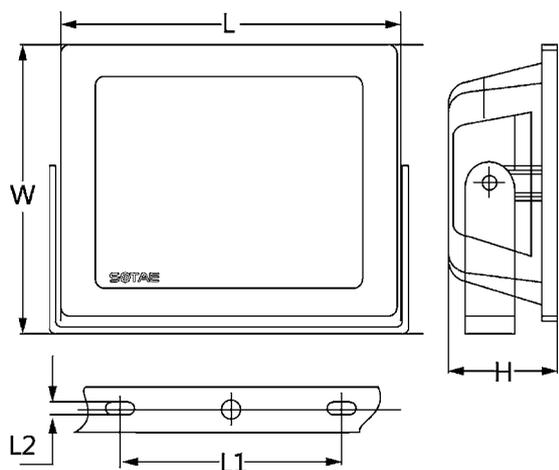
FG201-220S30 C



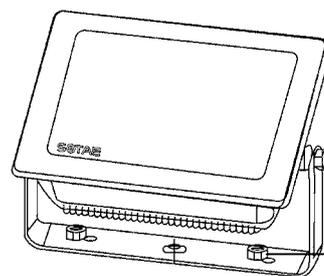
FG201-220S50 C



FG201-220S100 C



调整投射角度，
旋转支架螺钉



锁紧安装螺母，
固定灯具

产品型号	L(mm)	W(mm)	H(mm)	L1(mm)	L2(mm)
FG201-220S30IIC	215	175	71	140	8.3
FG201-220S50IIC	215	175	71	140	8.3
FG201-220S60IIC	215	175	71	140	8.3
FG201-220S100IIC	325	263	85	172	10.3
FG201-220S120IIC	325	263	85	172	10.3

产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)	201系列 特殊色彩	颜色 Color	
FG201-220S30IIC	30	0.136	AC 220V/50Hz	-25°C~40°C	IP65	3000/5700	≥70	2100/2550		琥珀色	
FG201-220S50IIC	50	0.227						3500/4250			
FG201-220S60IIC	60	0.273						4200/5100			绿色
FG201-220S100IIC	100	0.455						7000/8500			
FG201-220S120IIC	120	0.545						8400/10200	红色		



超强防水



进口LED芯片+
ACHV的专利技术，
打造绿色健康的照明世界



大优势

THE THREE MAJOR ADVANTAGES



无边框设计
最大限度光能利用率

道路照明



隧道照明



工厂照明



景观照明

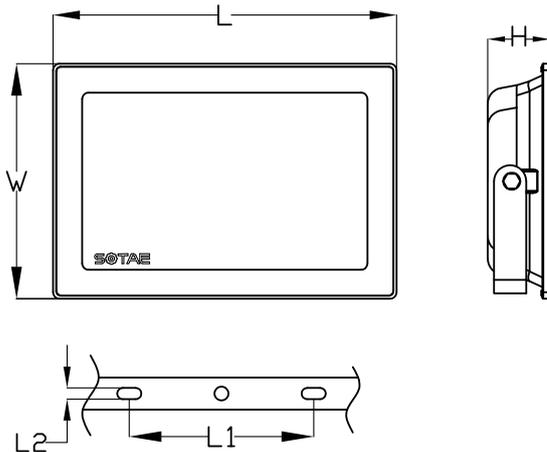


小精灵系列

持久光明 · 一路晶彩

SOTAE
索田®照明

泛光灯 Flood light: FG202



产品型号Model	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)
FG202-220S30IIC	209	155	47	130	8.3
FG202-220S50IIC	249	179	53	150	8.3
FG202-220S70IIC	320	220	58	172	10.5
FG202-220S90IIC	320	220	58	172	10.5

产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
FG202-220S30IIC	30	0.136	AC 220V/50Hz	-25°C~40°C	IP65	3000 / 6000	≥70	1800 / 2100
FG202-220S50IIC	50	0.227						3000 / 3500
FG202-220S70IIC	70	0.318						4200 / 4900
FG202-220S90IIC	90	0.409						5400 / 6300

幻彩系列

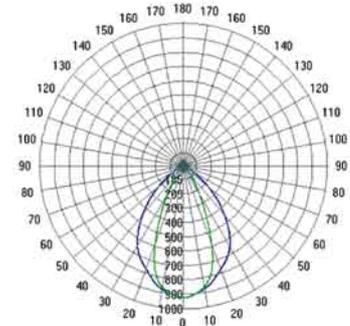
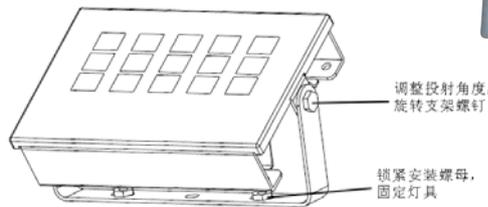
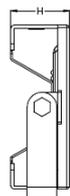
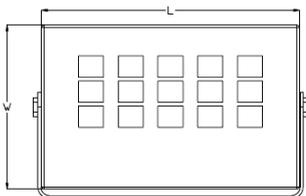
持久光明 · 一路晶彩

泛光灯 Flood light: FG203

产品特点 Product Features

- 1、采用ACHV新技术，免除了外置电源造成的电子干扰，使用较少电子元器件，降低故障发生率。灯体超薄紧凑，轻巧美观，便于安装维护。
- 2、新型钣金散热设计，导热性能约是压铸铝的3倍。
- 3、寿命达3万小时，是普通金卤灯的3倍。同等亮度下，能节约50%的电费。
- 4、LED光源无汞污染，光线中无紫外线和红外线，利于回收利用保护环境。
- 5、提升建筑，桥梁，球场，景观等照明环境品质。

1. Using ACHV technology, there is no EMI from external power supply. Using fewer IC components reduces breakdown occasions. easy to be installed and maintained.
2. Sheet metal processed heat sink has a good conduction efficiency, it can dissipate heat 3 times quickly of die-casting aluminum.
3. The lifespan is 30k hours, it is 3 times of normal metal halid light. It helps to save 50% power cost under same brightness.
4. LED light source is free from mercury pollution, UV & IR light pollution, it has an advantage in reusing for environmental protection purpose.
5. It helps to improve visual quality in building, bridge, court, landscape etc.



产品型号	L(mm)	W(mm)	H(mm)	L1(mm)	L2(mm)
FG203-220S30IIC	205	127	49	120	8.5
FG203-220S50IIC	232	146	49	120	8.5

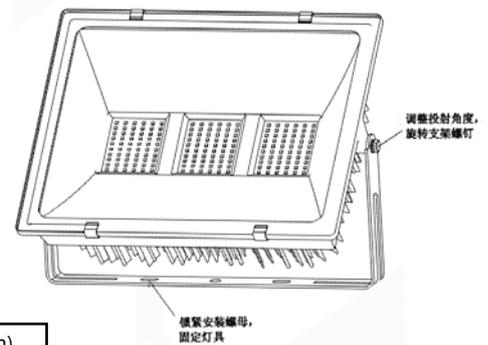
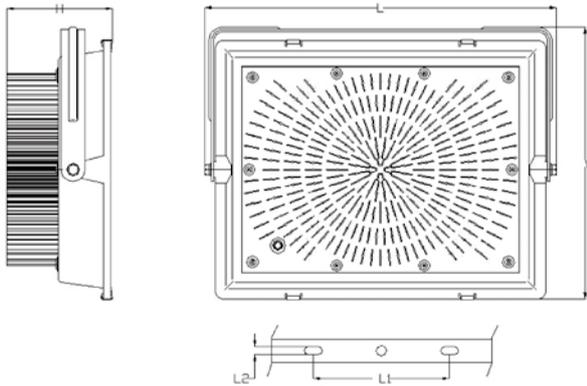
产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
FG203-220S30IIC	30	0.136	AC	-25°C~40°C	IP65	3000 / 5700	≥70	1800 / 2100
FG203-220S50IIC	50	0.227	220V/50Hz					3000 / 3500

泛光灯 Flood light: FG205

产品特点 Product Features

- 1、散热器采用冷锻技术，扇形设计散热更均匀迅速。
 - 2、主体为压铸成型，很好的把冷锻和压铸两大工艺结合为一体；
 - 3、大功率可调节角度的设计适合更多照明场所的需求。
 - 4、广泛应用于建筑，桥梁，球场，景观照明。
1. The heat sink adopts cold forging technology. The fan shape heat sink can dissipate heat evenly and quickly.
 2. The light body is made of die-casting aluminum; it can be combined with cold forging section very well.
 3. This large power lamp with adjustable lighting angle design can meet much more lighting needs.
 4. Application: building, bridge, stadium, landscape lighting.



产品型号	L(mm)	W(mm)	H(mm)	L1(mm)	L2(mm)
FG205-220S180IIC	444	345	112	172	10.5
FG205-220S240IIC	444	345	132	172	10.5

产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP
FG205-220S180IIC	180	0.818	AC220V/50Hz	-25-40	IP65
FG205-220S240IIC	240	1.091	AC220V/50Hz	-25-40	IP65

明系列

持久光明 · 一路晶彩

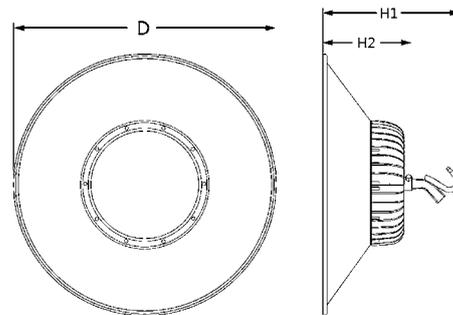
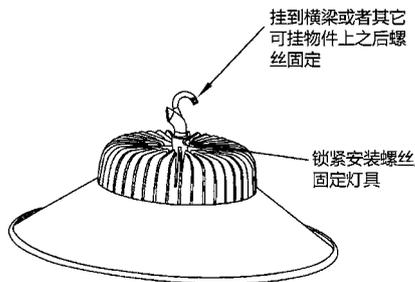


产品特点 Product Features

- 1、采用ACHV新技术。无外置电源，直接接通电压220V，去除电源盒变压造成的电子干扰；
- 2、使用较少的电子元器件，灯体轻巧，纤薄。同时降低故障发生率；
- 3、散热器采用铝压铸成型工艺，良好的散热设计；
- 4、安装方式：挂钩式，吊杆式G1/2；
- 5、应用场所：高天棚工业厂房，货场，仓库等场所。

1. Using ACHV technology, the power and light source are integrated inside the fixture, so there is no EMI problem or capacitor service life limitation.
2. Fewer IC components are used in this fixture. This feature reduces breakdown occasions, and makes the fixture compact.
3. The heat sink is made of die-casting aluminum alloy, it can dissipate heat fast.
4. Installation way: hook or bracket.
5. Application: high bay workshop, goods yard, warehouse etc.

日系列工厂灯 High bay light: GK301

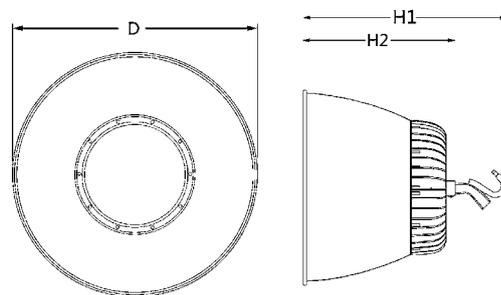


产品型号	D(mm)	H1(mm)	H2(mm)
GK301 系列	Φ492	270	180

技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
GK301-220S60 IC	60	0.273	AC 220V/50Hz	-25℃~40℃	IP51	3000 / 5700	≥70	4200 / 5400
GK301-220S80 IC	80	0.364						5600 / 7200
GK301-220S90 IC	90	0.409						6300 / 8100
GK301-220S100 IC	100	0.455						7000 / 9000
GK301-220S120 IC	120	0.545						8400 / 10800
GK301-220S150 IC	150	0.682						10500 / 13500

月系列工厂灯 High bay light: GK302

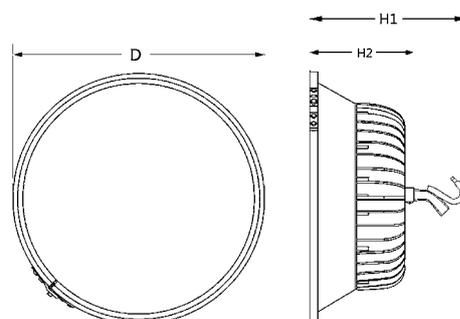


产品型号	D(mm)	H1(mm)	H2(mm)
GK302 系列	Φ350	375	285

产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
GK302-220S60 IC	60	0.273	AC 220V/50Hz	-25°C~40°C	IP51	3000 / 5700	≥70	4200 / 5400
GK302-220S80 IC	80	0.364						5600 / 7200
GK302-220S90 IC	90	0.409						6300 / 8100
GK302-220S100 IC	100	0.455						7000 / 9000
GK302-220S120 IC	120	0.545						8400 / 10800
GK302-220S150 IC	150	0.682						10500 / 13500

星系列工厂灯 High bay light: GK303



产品型号	D(mm)	H1(mm)	H2(mm)
GK303 系列	Φ325	245	155

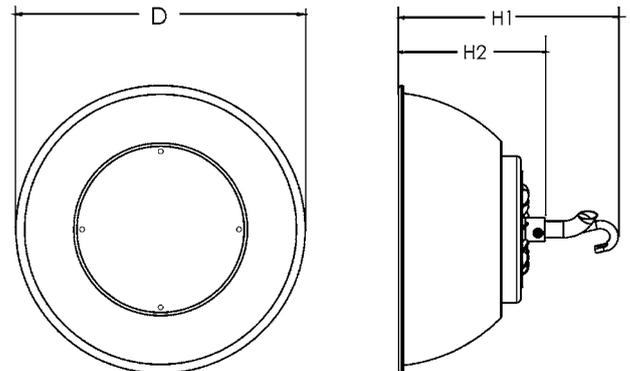
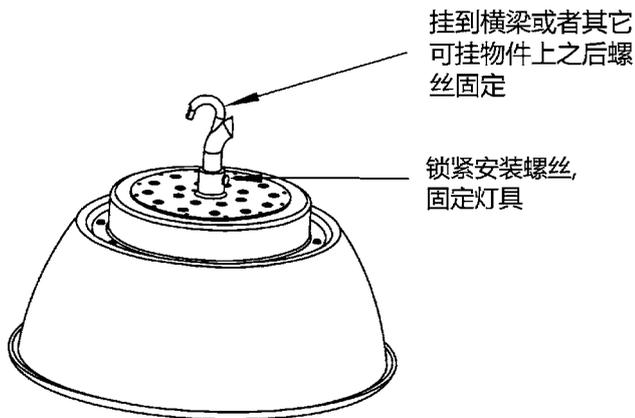
产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
GK303-220S60 IC	60	0.273	AC 220V/50Hz	-25°C~40°C	IP51	3000 / 5700	≥70	4200 / 5400
GK303-220S80 IC	80	0.364						5600 / 7200
GK303-220S90 IC	90	0.409						6300 / 8100
GK303-220S100 IC	100	0.455						7000 / 9000
GK303-220S120 IC	120	0.545						8400 / 10800
GK303-220S150 IC	150	0.682						10500 / 13500

工厂灯 High bay light: GK305

产品特点 Product Features

- 1、散热器采用新型旋压工艺一体成型，大大的降低了成本，同时又提高了散热系数。
 - 2、散热器可以根据不同客户的需要，氧化成相应的颜色。
 - 3、灯具防护灯具可达IP51。
1. The one-piece aluminum alloy housing is shaped with spinning pressing technology. This technology saves the cost of heat sink and improves heat dissipating efficiency greatly.
 2. The housing can be oxidized to multiple colors according to desire.
 3. The index of protection for this fixture is IP51.



产品型号	D(mm)	H1(mm)	H2(mm)
GK305-220S40IC	Φ320	243	162
GK305-220S60IC	Φ400	289	208
GK305-220S80IC	Φ400	289	208

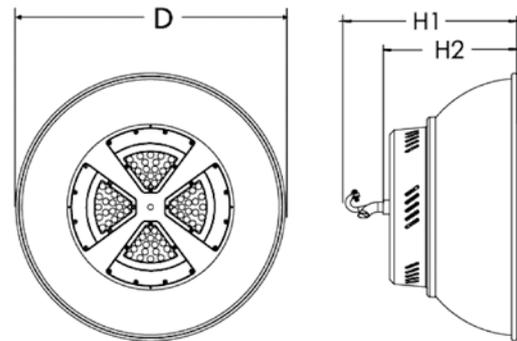
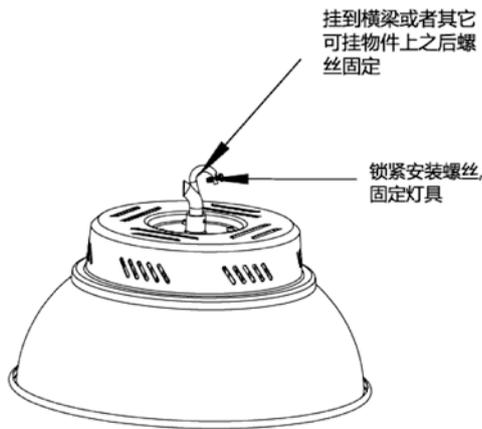
产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
GK305-220S40 IC	40	0.182	AC 220V/50Hz	-25°C~40°C	IP51	3000 / 5700	≥70	2800 / 3600
GK305-220S60 IC	60	0.273						4200 / 5400
GK305-220S80 IC	80	0.364						5600 / 7200

工厂灯 High bay light: GC306

产品特点 Product Features

- 1、产品采用模组式安装，运用PC透镜高效率聚光特点。
 - 2、采用ACHV新技术，无外置电源，无电磁干扰，无电解电容的寿命问题。
 - 3、采用光源、电源一体式设计，较少的电子元器件。
 - 4、广泛应用于室内车站，室内工厂等场所。
 - 5、产品防护等级可达IP65。
1. Using high efficiency condenser of PC lens, products mounting way is modular.
 2. Using ACHV technology, no external power supply, no EMI or electrolytic capacitor life problem
 3. Using integrated design of source and power, fewer electronic components are used in the fixture.
 4. Widely used in indoor station, factory etc.
 5. Products protection grade can reach IP65.



产品型号	D(mm)	H1(mm)	H2(mm)
GC306-220S200IIC	φ 500	318	249

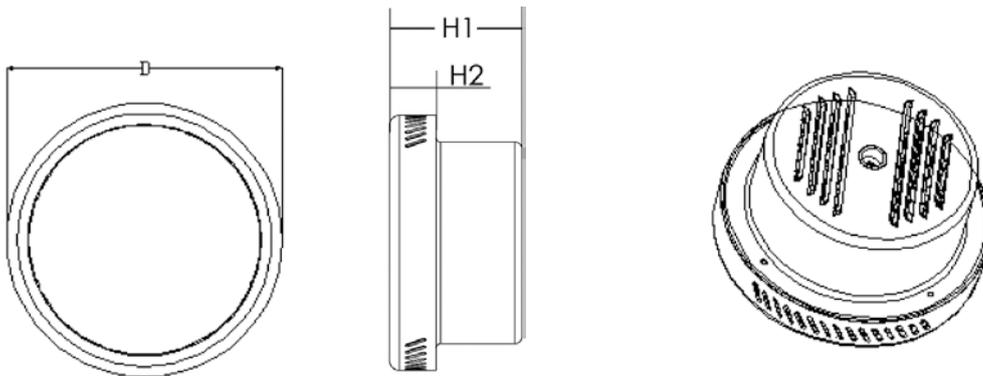
产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
GC306-220S200IIC	200	0.909	AC220V/50Hz	-25℃~40℃	IP65	3000 / 5700	≥70	14000/16000

工厂灯 High bay light: GC307

产品特点 Product Features

- 1、产品使用高效率冷锻散热器。
 - 2、采用ACHV新技术，无外置电源，无电磁干扰，无电解电容的寿命问题。
 - 3、采用光源、电源一体式设计，较少的电子元器件。
 - 4、广泛应用于室内车站，室内工厂等场所。
 - 5、产品防护等级可达到IP20。
1. This fixture uses high efficiency cold-forging heat sink
 2. Using ACHV technology, no external power supply, no EMI or electrolytic capacitor life problem
 3. Using integrated design of source and power, fewer electronic components are used in the fixture
 4. Widely used in indoor station, factory etc.
 5. Product protection grade can reach IP20.



产品型号	D(mm)	H1(mm)	H2(mm)
GC307-220S60IIC	φ 230	119	42

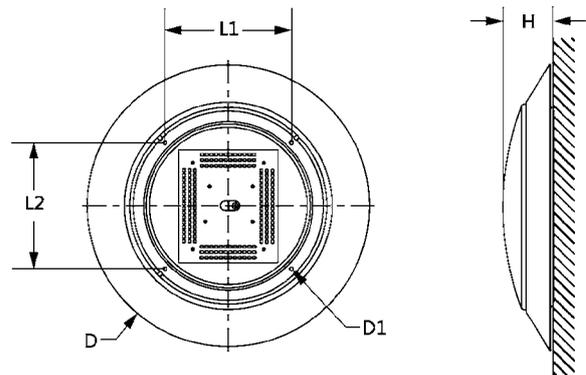
产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
GC307-220S60IIC	60	0.273	AC220V/50Hz	-25℃~40℃	IP20	3000 / 5700	≥70	3900 / 4800

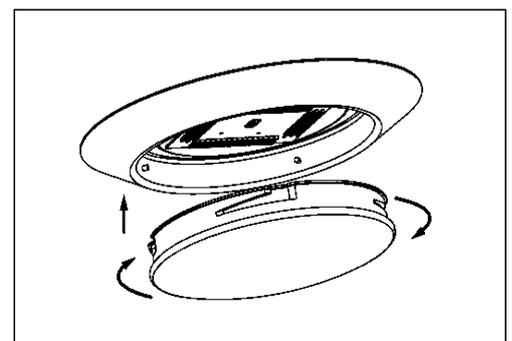
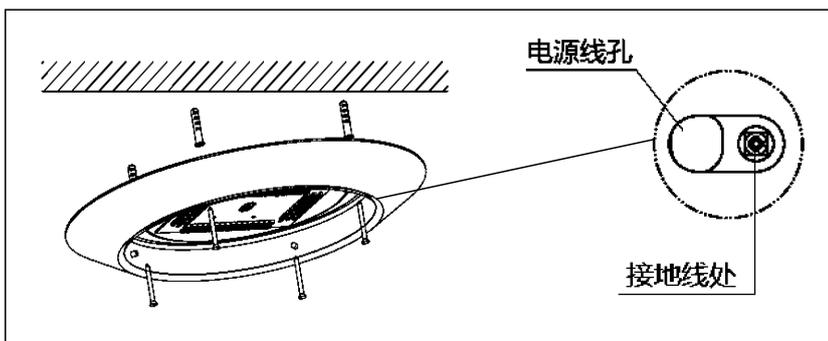
吸顶灯 Ceiling light: XD501

产品特点 Product Features

- 1、采用ACHV技术，具有无频闪，结构精巧，安装方便，外观独特新颖等优点。
 - 2、纯铝制灯壳具有良好的散热性能，提升灯具寿命达3万小时。
 - 3、灯具采用高亮度LED灯珠，配以新型雾化板材灯罩，灯光既明亮又柔和。
 - 4、建议此灯安装于卧室，客厅，走廊，厨房等场所。
1. Using ACHV technology; it is flicker free and with smart structure, simple installation, unique appearance.
 2. The housing is made of pure aluminum with excellent heat dissipating performance; it helps to extend lifespan to 30000 hours.
 3. High brightness LED chips are applied, and there is a frosted mask made of new panel material, so the light is bright and soft.
 4. Application: bedroom, sitting room, corridor and kitchen.



产品型号	D(mm)	L1(mm)	L2(mm)	D1(mm)	H(mm)
XD501-220S15 IIC	Φ246	110	110	Φ4.5	57
XD501-220S30 IIC	Φ358	160.5	160.5	Φ4.5	63



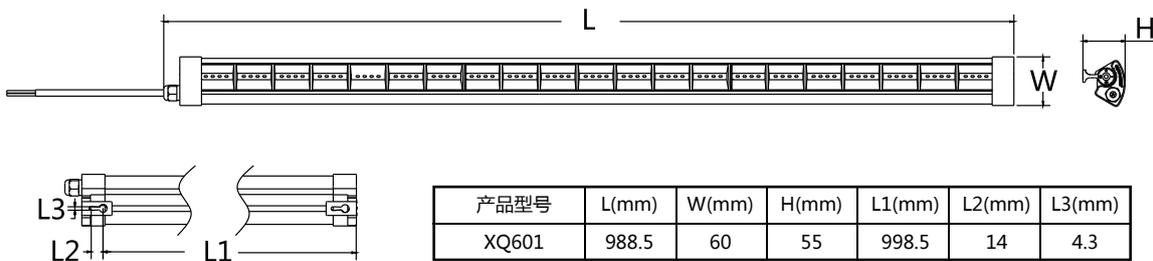
产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra	光通量 Light flux (lm)
XD501-220S15 IIC	15	0.097	AC 220V/50Hz	-25°C~40°C	IP50	3000 / 6000	≥80	1050 / 1050
XD501-220S30 IIC	30	0.195						2100 / 2100

洗墙灯 LED wall washer: XQ601

产品特点 Product Features

- 1、灯壳采用一体式挤塑成型PC，使整体更美观轻盈。
- 2、采用旋转式设计，便于调整照射角度，易于安装。
- 3、灯体两端采用硅胶密封，防水性能优良。
- 4、灯具结构设计巧妙，散热性能优良。
- 5、广泛应用于建筑墙面，桥梁等美化及景观照明。



产品型号	L(mm)	W(mm)	H(mm)	L1(mm)	L2(mm)	L3(mm)
XQ601	988.5	60	55	998.5	14	4.3

产品技术参数 Technical parameters

产品型号 Model No.	额定功率 Rated power (W)	额定电流 Rated current (A)	额定电压 Rated voltage (V)	工作温度 Work temperature	IP等级 IP	色温 Color temperature (K)	显色指数 Ra
XQ601-220S18IIC	18	0.117	AC 220V/50Hz	-25°C~40°C	IP65	2700/3000/6000	≥80
XQ601-220S24IIC	24	1	DC/24V				≥70





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JIANGSU BISONG LIGHTING CO., LTD

地址：江苏省启东市人民西路2077号

热线电话：400-828-0186

电话：0513-83120863

传真：0513-83120862

Export Dept: 0513-83316998

http: //www.**suot**.cn

E-mail:prettygril@bisong.cc

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