



科技赋能

SOLAR LED
LIGHTING

2023

吴江华能电子有限公司
Wujiang Huaneng Electronics Co., Ltd

吴江华能电子有限公司

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公司展示 Company view



公司简介 INTRODUCTION

华能电子始创于2010年，经过11年深耕，现已形成以上海总部为核心，苏州为生产基地，以美国、加拿大、欧洲、澳洲和国内为主要市场的全球化公司。公司以“绿色、节能、服务、高效”为核心价值，严格执行ISO9001和ISO14001国际标准质量管理体系和环境管理体系，公司拥有雄厚的技术力量和管理团队，自主设计、生产的照明产品取得CCC、CE、TUV、CSA、VDE、SAA、BIS、UL等相关认证。

以高品质的照明产品为载体，高效的管理为助力，专业的服务为主旨，致力于为全球客户提供优质照明产品和系统化照明解决方案。坚持质量至上、诚信为本、求真务实，是我们的原则，我们将持之以恒，竭诚提供优质服务。

HN Lighting founded in 2010, after 11 years of development, it has become a global company which takes Shanghai headquarter as the core center, Suzhou as the production base, and United States, Canada, Europe, Australia & domestic market as its major markets. JR taking "green, energy saving, service and high efficiency" as the core value, we strictly implements ISO9001 and ISO14001 international standard quality management system and environmental management system. The company has a strong technical force and management team, the lighting products which are independently designed & produced have obtained CCC, CE, TUV, CSA, VDE, SAA, BIS, UL and other relevant certifications.

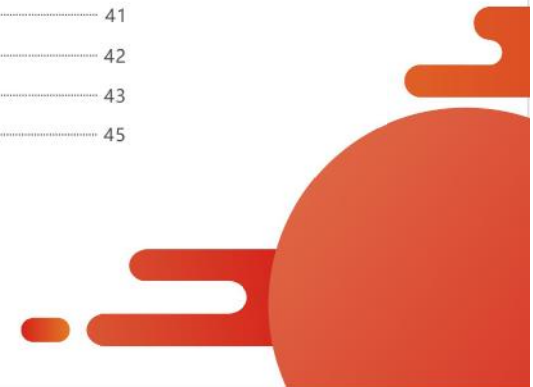
With high quality lighting products as the carrier, efficient management as the power, professional service as the theme, we are committed to provide high quality lighting products and systematic lighting solutions for global customers. Adhering to the principle of quality first, honesty and pragmatism, we will persevere and wholeheartedly to provide high quality services to our customers.

公司资质 Company qualification



目录 CONTENTS

SL01	.....	1
SL02	.....	3
SL03	.....	5
SL04	.....	7
SL05	.....	9
SL06	.....	11
SL07	.....	13
SL08	.....	15
SL09	.....	16
SL11	.....	17
SL12A	.....	19
SL12B	.....	21
SL13	.....	23
SL14	.....	25
SL15	.....	27
SL16	.....	29
SL17	.....	31
SL18	.....	33
SL20	.....	35
SL21	.....	37
SL22	.....	39
SL23	.....	41
SL25	.....	42
SL26	.....	43
Solar led street light system	.....	45

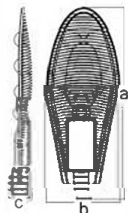


SL01

IP65

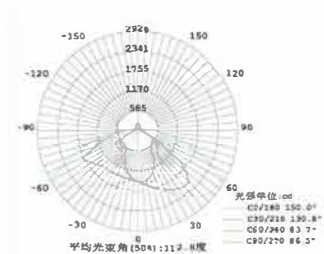


尺寸 Size(mm)



size model	a	b	c
30W	400	171	71
50/60W	500	214	81
60/80W	620	260	101
100/120W	700	280	112
150/180W	880	340	122
200/280W	1100	420	126

配光曲线 Photometrics



材质与特性 Material and features

- Use imported integrated LED, high light efficiency, slow light depreciation
- 采用进口集成，高光效衰减慢的LED光源
- Die-casting aluminum shell, surface electrostatic spraying, anti-corrosion treatment
- 压铸铝灯壳，表面静电喷涂，防腐处理
- The structure of the people-oriented design concept, easy for installation and maintenance
- 该结构采用以人为本的设计理念，易安装维护
- V-shaped thermal conductivity and diversion fin design, dustproof, control the dissipation in good performance
- V形导热系数与导流片设计，防尘，良好的散热控制系统
- Power supply and lamp source circuit with the plug and play connectors, easy for installation and maintenance
- 电源和灯珠即插即用，易安装维护

技术参数 Parameter

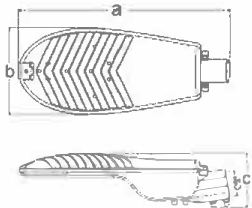
型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	装箱 Ctn/Pcs	外包装尺寸 Packing size (mm)
SL01-30W	30W							2	425×375×100
SL01-50W	50W							1	545×230×125
SL01-60W	60W							1	665×300×155
SL01-80W	80W							1	665×300×155
SL01-100W	100W							1	760×300×155
SL01-120W	120W	100-150Lm/W	AC100-277V	> 70	> 0.95	3000~6000	-40°C~50°C	1	760×300×155
SL01-150W	150W							1	960×365×155
SL01-180W	180W							1	960×365×155
SL01-200W	200W							1	1150×445×175
SL01-240W	240W							1	1150×445×175
SL01-280W	280W							1	1150×445×175

SL02

IP65



尺寸 Size(mm)



Model	a	b	c
SL02-30W	522	216	137
SL02-50W	522	216	137
SL02-80W	629	268	148
SL02-100W	752	310	178
SL02-150W	863	359	199
SL02-200W	863	359	199
SL02-240W	863	359	199

Ø54

LED Chip Brand
CREE/Bridgelux

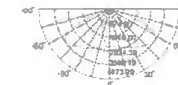
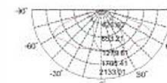
Driver Brand
SOSEN/MEANWELL

Material
Aluminium

Warranty
5 years



配光曲线 Photometrics



材质与特性 Material and features

- The light body is designed on the basis of fluid dynamics, simple and decent, UV-resistance and corrosion treatment applied to the surface. 灯体采用流体力学设计, 简洁大方, 表面做抗紫外线防腐蚀处理
- Dustproof light body is helpful for LED dissipation, so the LED light can be worked on the best temperature environment, ensure the lamp source and power supply working time. 防尘灯体有利于灯体散热, 可以让灯具在最佳温度下运行, 确保灯珠和电源的工作稳定。
- Constant current constant voltage control, steady light effect, avoids eye irritation and fatigue from the driving. 恒流恒压控制, 光效稳定, 避免眩光和疲劳运作

技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	净重/毛重 N.W/G.W (KG)	外箱尺寸 Packing size (mm)
SL02-30W	30W							3.18/3.68	570×240×165
SL02-50W	50W							3.18/3.68	570×240×165
SL02-80W	80W							4.69/5.45	670×300×180
SL02-100W	100W	120Lm/W	AC100-277V	>70	>0.95	3000-6000	-40℃~50℃	7.5/8.5	790×345×210
SL02-150W	150W							10.6/12.0	900×385×215
SL02-200W	200W							10.6/12.0	900×385×215
SL02-240W	240W							10.6/12.0	900×385×215

SL03

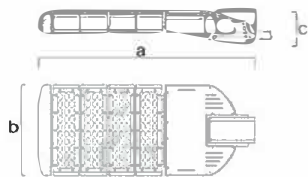
IP65



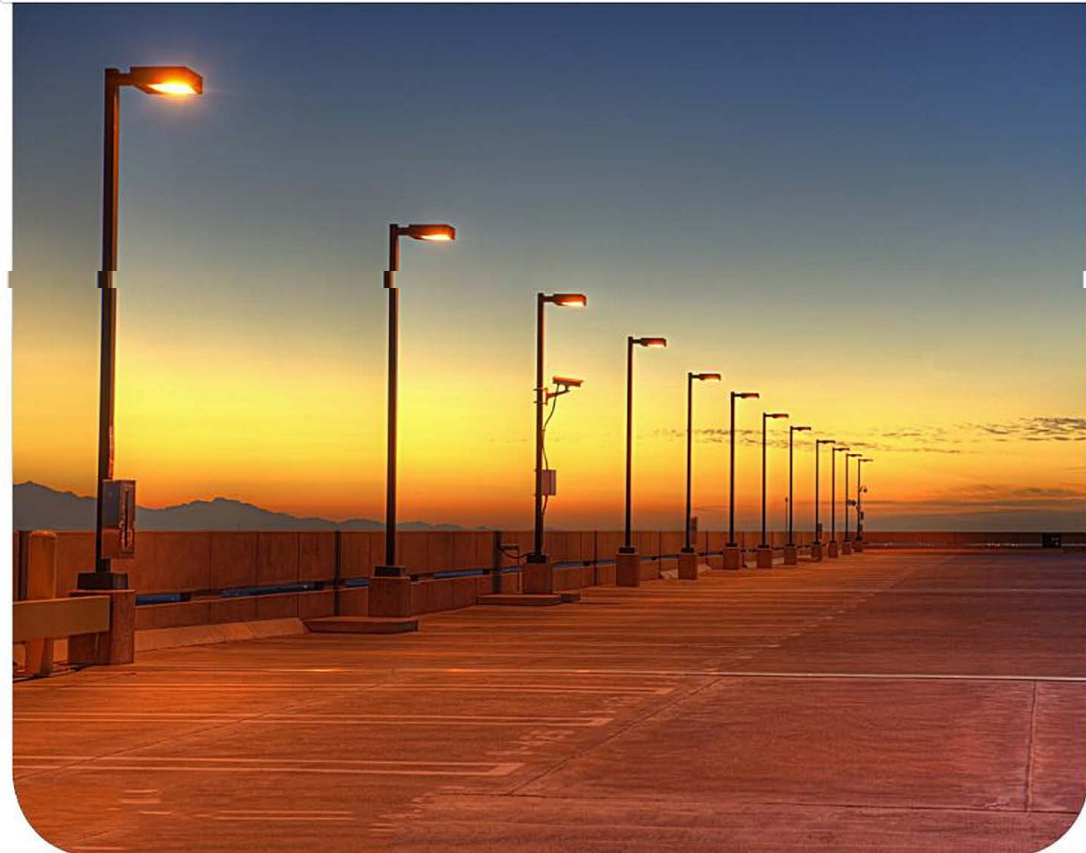
Material and features

- 双耦合IP65防护，超高等防水等级
Double coupling IP65 protection level, super waterproof performance.
- 单颗损坏不影响其他颗粒电流
Single LED lamp damaged does not affect the other lamp working.
- 多路恒流驱动电源，单一模组可热插拔
Multi-channel constant current driver power supply, single module can be hot plug.
- 人类工效学配光，均匀道路照明
Human ergonomics light distribution, uniform road lighting.
- 自由系列化，全功率解决方案
Multiple modules free combination, so the LED modularization provides a great lighting solution for industrial applications.

Size



model	size	a	b	c
SL03-50W		413	280	105
SL03-100W		497	280	105
SL03-150W		581	280	105
SL03-180W		581	280	105
SL03-200W		665	280	105
SL03-250W		749	280	105
SL03-300W		833	280	105
SL03-350W		917	280	105



技术参数 Parameter

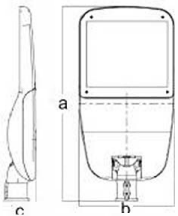
型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage (V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	发光角度 Beam Angle	净重 N.Wt(KG)	外箱尺寸 Packaging size (mm, LxWxH)
SL03-50W	50W	120Lm/W	AC100-277V	> 70	> 0.95	3000-6000	-40°C-50°C	150°×80°	4.35	470×335×170
SL03-100W	100W							150°×80°	5.35	530×335×170
SL03-150W	150W							150°×80°	6.35	615×335×170
SL03-180W	180W							150°×80°	6.35	615×335×170
SL03-200W	200W							150°×80°	7.35	700×335×170
SL03-250W	250W							150°×80°	8.35	795×335×170
SL03-300W	300W							150°×80°	9.35	867×335×170
SL03-350W	350W							150°×80°	10.35	950×335×170

SL04

IP65

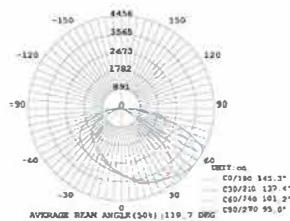


尺寸 Size(mm)



Model	a	b	c
40W	491	228	106
50W	491	228	106
60W	491	228	106
80W	523	250	108
100W	523	250	108
120W	597	281	108
150W	597	281	108
180W	656	338	108

配光曲线 Photometrics



材质与特性 Material and features

- High performance aluminum (ADC12) die-casting lamp heatsink with good thermal conductivity. 高性能铝合金 (ADC12) 压铸灯散热器, 散热性良好
- Aluminum heatsink housing using Akzo Nobel powder coating or Dupont powder coating with high temperature baking process after polishing, cleaning, oil removal, repairing, sandblasting, with clear and gloss surface and strong corrosion resistance. 铝散热器外壳采用阿克苏诺贝尔粉末涂料或杜邦粉末涂料, 经高温烘烤处理, 经抛光、清洗、除油、修补、喷砂处理后, 表面光洁, 耐腐蚀性强。
- The chip bottom of heat conducting surface processed by CNC machine to be smooth after heatsink powder coated, make the SMD and heatsink surface to be coincided with better heat conducting and heat dissipating. 散热器粉末涂层后, 经数控机床加工的散热表面芯片底部光滑, 使贴片与散热器表面重合, 具有更好的导热散热效果。
- Light luminous surface using high-definition glass lens, the light will be efficient gathered around 140 degrees left and right, 75 degrees back and front, with stronger light penetration. 灯罩表面采用高清玻璃透镜, 光线控制在左右140度, 前后75度, 具有较强的透光性。
- 100% of exposed screws on the outside of lamp use 304# stainless steel, pass 48 hours salt-spray test. 灯具外部外露螺丝100%采用304#不锈钢, 通过48小时盐雾试验

技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	外形尺寸 Packing size (mm)
SL04-40W	40W	100-150lm/W	AC100-277V	>70	>0.95	3000-6000	-40°C~50°C	245×120×520
SL04-50W	50W							245×120×520
SL04-60W	60W							300×165×550
SL0 4-80W	80W							300×165×550
SL0 4-100W	100W							330×165×620
SL04-120W	120W							330×165×620
SL04-150W	150W							390×165×720
SL04-180W	180W							390×165×720

SL05

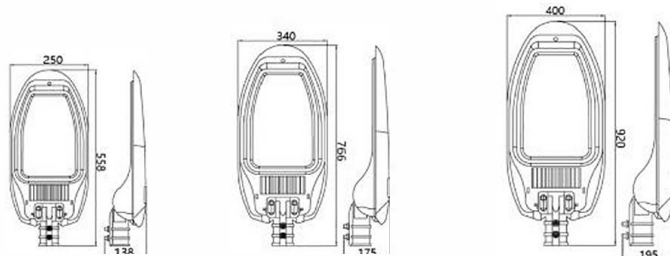
IP65



材质与特性 Material and features

- High performance aluminum (ADC12) die-casting lamp heatsink with good thermal conductivity.
高性能铝 (ADC12) 压铸灯散热器, 具有良好的导热性。
- Aluminum heatsink housing using Akzo Nobel powder coating or Dupont powder coating with high temperature baking process after polishing, cleaning, oil removal, repairing, sandblasting, with clear and gloss surface and strong corrosion resistance.
铝散热器外壳采用阿克苏诺贝尔粉末涂料或杜邦粉末涂料, 经抛光、清洗、除油、修补、喷砂处理后, 经高温烘烤处理, 表面光洁, 耐腐蚀性强。
- The chip bottom of heat conducting surface processed by CNC machine to be smooth after heatsink powder coated, make the SMD and heatsink surface to be coincided with better heat conducting and heat dissipating.
散热器粉末涂层后, 经数控机床加工的散热表面芯片底部光滑, 使SMD贴片与散热器表面契合, 具有更好的导热散热效果。
- Light luminous surface using high-definition glass lens, the light will be efficient gathered around 140 degrees left and right, 75 degrees back and front, with stronger light penetration.
灯体表面采用高清玻璃透镜, 光线控制在左右140度, 前后75度, 具有较强的透光性。
- 100% of exposed screws on the outside of lamp use 304# stainless steel, pass 48 hours salt-spray test.
灯具外部外露螺丝100%采用304#不锈钢, 通过48小时盐雾试验。

尺寸 Size(mm)



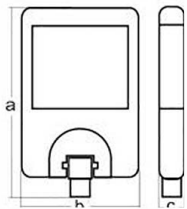
型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	装箱尺寸 Packing size (mm)
SL05-20W	20W	100-150Lm/W	AC100-277V	>70	>0.95	3000-6000	-40°C~50°C	590×280×170
SL05-30W	30W							590×280×170
SL05-50W	50W							590×280×170
SL05-80W	80W							800×365×210
SL05-100W	100W							800×365×210
SL05-120W	120W							800×365×210
SL05-150W	150W							955×425×230
SL05-180W	180W							955×425×230
SL05-200W	200W							955×425×230

SL06

IP65



尺寸 Size(mm)



model	a	b	c
100W	540	360	90
150W	620	360	90
200W	700	360	90
250W	780	360	90

技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	外路尺寸 Packing size (mm)
SL06-100W	100W	100-150Lm/W	AC100-277V	> 70	> 0.95	3000-6000	-40°C-50°C	540x362x92
SL06-150W	150W							622x362x92
SL06-200W	200W							702x362x92
SL06-250W	250W							782x362x92



材质与特性 Material and features

- Using die-casting aluminum material, innovated design, free tool for maintain.
采用压铸铝材料，创新设计，免工具维护
- Cutout switch, NEMA control system optional. For A60, A80 street lamp hole. Adjustable angle: -10°-15°
切断开关，NEMA控制系统可选。用于A60、A80路灯孔。可调角度：-10°-15°
- Adopting Lepower self-developed lighting source and ZAG lens tech, light efficiency raised 8% and light transmittance reaches up to 98% when compared to similar products.
采用Lepower自主研发的光源和ZAG透镜技术，与同类产品相比，光效率提高8%，透光率达98%。
- The use of duct cooling design reduces the overall weight. Excellent heat dissipation and low light decay effectively extend the service life.
蜂窝散热设计的使用降低了整灯重量，散热良好、低，有效延长使用寿命。
- Energy savings of up to 60% thanks to its low power consumption and use of high efficiency constant current driver. Protected from over current, over voltage, lightning and high temperature and fully guarantee the product life and stability. 使用低功耗和高效恒流，驱动节能率高达60%。同时带有高强度保护，如过电流、过电压、雷电、高温等方面充分保证了产品的寿命和稳定性。
- Green lighting source without UV light, infrared radiation and mercury pollution.
无汞污染，无紫外线，无红外辐射的绿色光源（灯珠）。
- Each LED is packaged with multi-chips, high efficiency, stable performance and low light decay.
每个LED采用多芯片集成封装，高光效，性能稳定，光衰减小。
- Various housing colors available.
多种外壳颜色可选。

SL07

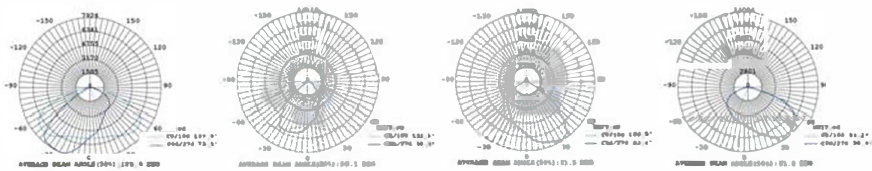
IP65



材质与特性 Material and features

- The light body is designed by mimic fluid dynamics, simple and beauty, ultraviolet corrosion resistant treatment on the surface
灯体采用模拟流体动力学设计，简洁美观，表面经抗紫外线腐蚀性处理
- Module designed, the power can be customized, meet the needs of various occasions
模块化设计，定制化电源，满足不同场景应用
- Dustp roof light body is helpful for LED dissipation, so the LED light can be worked on the best temperature environment, ensure the lamp source and power supply working time
防尘灯体有利于灯体散热，可以让灯具在最佳温度下运行，确保灯珠和电源的稳定工作
- Constant current constant voltage control, steady light effect, avoids eye irritation and fatigue from the driving
恒流恒压控制，光效稳定，避免眩光和疲劳乏力

配光曲线 Photometrics



技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	外箱尺寸 Packing size (mm)
SL07-80W	80W	100-150Lm/W	AC100-277V	> 70	> 0.95	3000-8000	-40°C~50°C	310×609×130
SL07-100W	100W							310×609×130
SL07-120W	120W							310×609×130
SL07-150W	150W							310×692×130
SL07-180W	180W							310×892×130
SL07-200W	200W							310×775×130
SL07-240W	240W							310×775×130
SL07-300W	300W							310×858×130
SL07-350W	350W							310×941×130

SL08

IP65

SL09

IP67



材质与特性 Material and features

- Aluminum heatsink housing using Akzo Nobel powder coating or Dupont powder coating with high temperature baking process after polishing, cleaning, oil removal, repairing, sandblasting, with clear and gloss surface and strong corrosion resistance. 铝散热器外壳使用阿克苏诺贝尔粉末涂料或杜邦粉末涂料、清洗、除油后经高温烘烤处理的涂层、修补、磨砂、表面光洁、耐腐蚀性强。
- The chip bottom of heat conducting surface processed by CNC machine to be smooth after heatsink powder coated, make the SMD and heatsink surface to be coincided with better heat conducting and heat dissipating. 用数控机床加工导热表面的芯片底部散热器粉末涂层后光滑, 使贴片及散热器表面同时具有较好的导热和散热性能。
- Light luminous surface using high-definition glass lens, the light will be efficient gathered around 140 degrees left and right, 75 degrees back and front, with stronger light penetration. 灯体表面采用高清晰度玻璃透镜, 光线会被高效聚集在左右140度左右, 前后75度, 光线穿透力更强。
- 100% of exposed screws on the outside of lamp use 304# stainless steel, pass 48 hours salt-spray test. 灯具外部100%外露螺丝均采用304#不锈钢, 通过48小时盐雾试验

尺寸 Size(mm)

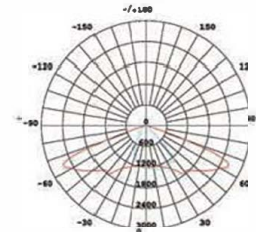
model	size	a	b	c
40W	608	234	122	
80W	608	234	122	
100W	673	260	122	
120W	673	260	122	
150W	794	320	122	
200W	794	320	122	

技术参数 Parameter									
型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	外箱尺寸 Packing size (mm)	
SL08-40W	40W	100-150Lm/W	AC100-277V	>70	>0.95	3000-6000	-40°C~50°C	611×237×125	
SL08-80W	80W							611×237×125	
SL08-100W	100W							676×263×125	
SL08-120W	120W							676×263×125	
SL08-150W	150W							797×323×125	
SL08-200W	200W							797×323×125	

材质与特性 Material and features

- Integration of lamp housing heat dissipation technology. 集成灯壳散热技术
- Double-coupling IP67 protection, highest waterproof level. 双重耦合IP67防护, 最高防水等级
- Ergonomic light distribution to achieve uniform illuminating effect. 符合人体工程学的配光曲线, 达到均匀的照明效果
- Intelligent constant current driver, long life span. 智能恒流驱动, 寿命长

配光曲线 Photometrics



1502 equal spectrum street light (vertical)

技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	净重/毛重 N.W/G.W (KG)	外箱尺寸 Packing size (mm)
SL09-20W	20W	100-150Lm/W	AC100-277V	>70	>0.95	3000-6000	-40°C~50°C	2.7/3.2	435×190×80
SL09-30W	30W							2.7/3.2	435×190×80
SL09-40W	40W							2.7/3.2	435×190×80
SL09-50W	50W							2.7/3.2	435×190×80
SL09-60W	60W							2.7/3.2	435×190×80

SL11

IP65



技术参数 Parameter									
型号 Model	功率 Power	模组数量 Module	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	安装直径 Installation diameter (mm)
SL11-40W	40W	1	100-160Lm/W	AC100-277V	>70	>0.95	3000-6000	-40°C~50°C	57-63
SL11-60W	60W	1							
SL11-80W	80W	2							
SL11-100W	100W	2							
SL11-120W	120W	2/3							
SL11-150W	150W	3							
SL11-180W	180W	3							
SL11-200W	200W	4							
SL11-250W	250W	5							
SL11-280W	280W	5							
SL11-300W	300W	5/6							
SL11-350W	350W	7							
SL11-420W	420W	7							



材质与特性 Material and features

- Unique patented IP65 light Modules
独特的专利IP65灯模块
- Ergonomic and dedicated lighting distributions available for various roadway applications.
符合人体工程学和专用照明配光曲线，可用于各种道路应用
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection.
整体结构散热设计，具有良好的热传导、辐射和对流性能
- Flexible to reach desired power selections by choosing appropriate light engines.
通过选择合适的灯具驱动电源，灵活地达到所需的功率选择
- Tool-free on site replacements of light modules greatly reduce maintenance cost.
现场免工具更换灯模块，大大降低了维护成本
- Excellent light performance, driver stability and desirable lifespan.
卓越的光性能，驱动稳定性和较长的寿命

SL12A

IP66

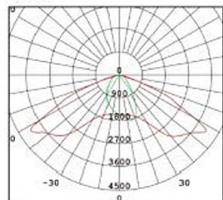


材质与特性 Material and features

- Adopting high efficiency lighting sources and ZAG lens technology, light efficiency raised 8% and light transmittance reaches up to 98% when compared to similar products
采用高效光源和ZAG透镜技术，与同类产品相比，光效率提高8%，透光率达98%
- The use of duct cooling design reduces the overall weight. Excellent heat dissipation and low light decay effectively extend the service life
蜂窝散热设计的使用降低了灯具重量，散热良好、低光衰，有效延长使用寿命
- Energy savings of up to 60% thanks to its low power consumption and use of high efficiency constant current driver. Protected from over current, over voltage, lightning and high temperature and fully guarantee the product life and stability.
采用低功耗和使用高效恒流驱动器，节能率达60%，防过流、过电压、雷电、高温，充分保证产品的寿命和稳定性
- Green lighting source without UV light, infrared radiation and mercury pollution
无汞污染、无紫外线、无红外辐射的绿色环保光源
- Each LED is packaged with multi-chips, high efficiency, stable performance and low light decay.
每个LED采用多芯片集成封装，光效高，性能稳定，光衰小
- Various housing colors available
多种外壳颜色可选

配光曲线 Photometrics

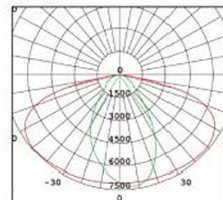
Type I:



AVERAGE BEAM ANGLE (50%): 104.5 DEG

UNIT:cd
— C0/180.142.1°
— C90/270.66.8°

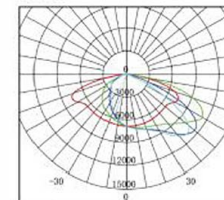
Type II:



AVERAGE BEAM ANGLE (50%): 108.9 DEG

UNIT:cd
— C0/180.152.2°
— C90/270.65.5°

Type III:



AVERAGE BEAM ANGLE (50%): 103.6 DEG

UNIT:cd
— C0/180.156.0°
— C90/270.76.0°



技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	净重/毛重 N.W/G.W (KG)	外形尺寸 Packing size (mm)
SL12A-40W	40W	100-150Lm/W	AC100-277V	> 70	> 0.95	3000-6000	-40℃-50℃	3.1	440×273×86
SL12A-80W	80W							3.9	479×273×86
SL12A-120W	120W							4.9	571×273×86
SL12A-180W	180W							6.1	665×273×86

SL12B

IP66

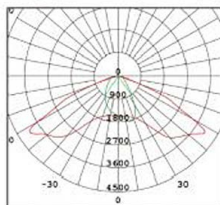


Material and features

- Adopting high efficiency lighting sources and ZAG lens technology, light efficiency raised 8% and light transmittance reaches up to 98%
采用高光效灯珠和ZAG透镜技术，光效率提高8%，透光率达98%
- Fan channel thermal design, reduce lamp weight. Excellent heat dissipation and low light decay effectively extend the service life.
风道散热设计，减轻灯具重量。良好的散热性和低衰，有效延长使用寿命，化学模块化设计，有效降低维修成本
- CHEM modular design, effectively reduce maintenance costs
风扇通道散热设计，减轻灯具重量。良好的散热性和低衰，有效延长使用寿命，化学模块化设计，有效降低维修成本
- Energy savings of up to 60% thanks to its low power consumption and use of high efficiency constant current driver. Protected from over current, over voltage, lightning and high temperature and fully guarantee the product life and stability
采用低功耗和使用高效恒流驱动器，节能率达60%。防过流、过电压、雷电、高温，充分保证产品的寿命和稳定性
- Green lighting source without UV light, infrared radiation and mercury pollution.
无汞污染、无紫外线、无红外辐射的绿色光源
- Each LED is packaged with multi-chips, high efficiency, stable performance and low light decay
每个LED采用多芯片集成封装，光效高，性能稳定，低光衰

配光曲线 Photometrics

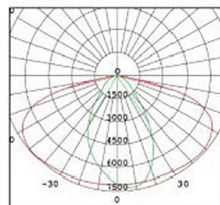
Type I:



AVERAGE BEAM ANGLE (50%): 104.5 DEG

UNIT:cd
— C0/180.142.1°
— C90/270.66.8°

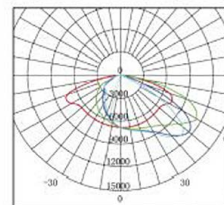
Type II:



AVERAGE BEAM ANGLE (50%): 108.9 DEG

UNIT:cd
— C0/180.152.2°
— C90/270.65.5°

Type III:



AVERAGE BEAM ANGLE (50%): 103.6 DEG

UNIT:cd
— C0/180.156.0°
— C90/270.76.0°



技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment	毛重 G.W(KG)	外框尺寸 Packing size
SL12B-40W	40W							3.5	464×273×86
SL12B-80W	80W							4.6	501×273×86
SL12B-120W	120W	100-150Lm/W	AC100-277V	> 70	> 0.95	3000-6000	-40°C ~ 50°C	5.5	595×273×86
SL12B-180W	180W							6.7	689×273×86
SL12B-240W	240W							7.9	783×273×86

SL13

IP66

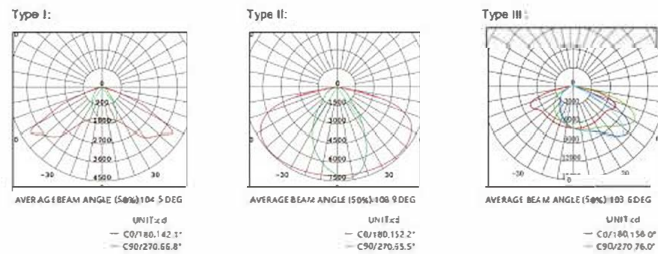


材质与特性 Material and features

- The use of duct cooling design reduces the overall weight. Excellent heat dissipation and low light decay effectively extend the service life.
蜂窝散热设计的使用降低了整灯重量。散热良好、低光衰，有效延长使用寿命。
- Energy savings of up to 60% thanks to its low power consumption and use of high efficiency constant current driver
采用低功耗和耐用高效恒流驱动器，节能率达60%，防过流、过电压、雷电、高温，充分保证产品的寿命和稳定性。
- Protected from over current, over voltage, lightning and high temperature and fully guarantee the product life and stability.
- Green lighting source without UV light, infrared radiation and mercury pollution.
无汞污染、无紫外线、无红外辐射的绿色光源
- Each LED is packaged with multi-chips, high efficiency, stable performance and low light decay.
每个LED采用多芯片集成封装，光效高，性能稳定，耐光衰。
- Various housing colors available.
多种外壳颜色可选



配光曲线 Photometrics



技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	重量 G.W.(KG)	外形尺寸 Packing size (mm)
SL13-50W	50W	100-150lm/W	AC100-277V	> 70	> 0.95	3000-6000	-40~50°C	3.9	435×336×91
SL13-100W	100W							5.1	520×336×91
SL13-150W	150W							6.2	612×336×91
SL13-200W	200W							7.3	701×336×91

SL14

IP65



材质与特性 Material and features

- High performance aluminum (ADC12) die-casting lamp heatsink with good thermal conductivity
高性能铝翅 (ADC12) 压铸灯散热片, 具有良好的导热性
- Aluminum heatsink housing using Akzo Nobel powder coating or Dupont powder coating with high temperature baking process after polishing, cleaning, oil removal, repairing, sandblasting, with clear and gloss surface and strong corrosion resistance
铝散热片外壳采用阿克苏诺贝尔粉末涂料或杜邦粉末涂料经高温烘烤后处理, 抛光、清洗、除油、修补、喷砂, 表面光洁, 耐腐蚀性强
- The chip bottom of heat conducting surface processed by CNC machine to be smooth after heatsink powder coated, make the SMD and heatsink surface to be coincided with better heat conducting and heat dissipating
热传导表面的芯片底面经数控机床加工光滑后涂上散热片粉末, 制成芯片散热片的表面要和散热片相吻合, 有更好的导热和散热效果
- Light luminous surface using high-definition glass lens, the light will be efficient gathered around 140 degrees left and right, 75 degrees back and front, with stronger light penetration
灯体表面采用高清玻璃透镜, 光线控制在左右140度, 前后75度, 透光性更强
- 100% of exposed screws on the outside of lamp use 304# stainless steel, pass 48 hours salt-spray test
灯具外部外露螺丝100%采用304#不锈钢, 通过48小时盐雾试验



产品细节 Product Details



技术参数 Parameter

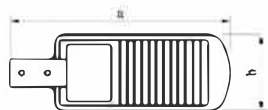
型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	外箱尺寸 Packing size (mm)
SL14-40 W	40W							611×237×125
SL14-80 W	80W	100-150lm/W	AC100-277V	>70	>0.95	3000-6000	-40°C~50°C	611×237×125
SL14-100W	100W							676×263×125
SL14-120W	120W							676×263×125

SL15

IP65



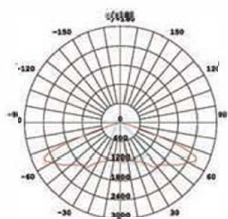
尺寸 Size(mm)



model	size	a	b	c
SL 15-20		260	110	56
SL 15-30		311	136	56
SL 15-50		391	162	67
SL 15-80		391	162	67
SL 15-80		482	187	80
SL 15-100		541	213	80



配光曲线 Photometrics



1502 equal spectrum street light (vertical)



材质与特性 Material and features

- High strength aluminum alloy die casting shell, impact level can reach Ik09
高强度铝合金压铸外壳，冲击等级可达Ik09
- High-performance patent optical lens, light transmittance was 95%, no glare
高性能专利光学镜片，透光率95%，无眩光
- A full set of stainless steel fasteners, convenient installation, free maintenance
全套不锈钢紧固件，安装方便，免维护
- Adopted quick plug type electrical connection in the design, maintenance more convenient and safe
采用快速插拔式电气连接设计，维修更方便安全

技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	净重/毛重 N.W/G W(KG)	外形尺寸 Dimension
SL15-20W	20W	100-150Lm/W	AC100-277V	>70	>0.95	3000-8000	-40°C~50°C	0.37/0.6	270×120×76
SL15-30W	30W							0.45/0.7	321×146×76
SL15-50W	50W							0.73/1.2	401×172×87
SL15-60W	60W							0.73/1.2	401×172×87
SL15-80W	80W							1.3/1.8	490×197×100
SL15-100W	100W							1.66/2.3	550×228×100

SL16

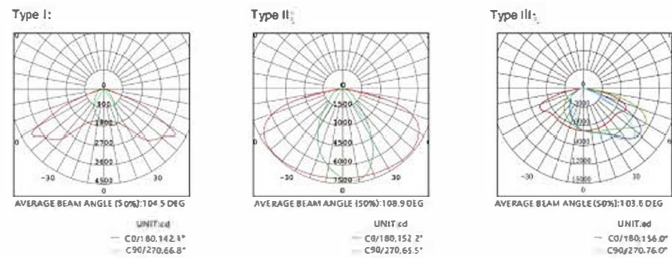
IP66



材质与特性 Material and features

- Adopting high efficiency lighting sources and ZAG lens technology, light efficiency raised 8% and light transmittance reaches up to 98% when compared to similar products.
采用高光效灯珠和ZAG透镜技术，与同类产品相比，光效率提高8%，透光率达98%
- The use of duct cooling design reduces the overall weight. Excellent heat dissipation and low light decay effectively extend the service life.
蜂窝散热设计的使用降低了整灯重量，散热良好，低光衰，有效延长使用寿命
- Energy savings of up to 60% thanks to its low power consumption and use of high efficiency constant current driver
Protected from over current, over voltage, lightning and high temperature and fully guarantee the product life and stability.
采用低功耗和使用高效恒流驱动器，节能率高达60%，防过流、过电压、雷电、高温，充分保证产品的寿命和稳定性
- Green lighting source without UV light, infrared radiation and mercury pollution.
无汞污染、无紫外线，无紫外线的绿色光源
- Each LED is packaged with multi-chips, high efficiency, stable performance and low light decay.
每个LED采用多芯片集成封装，高光效，性能稳定，光衰减小
- The rear cover is designed with snap-fit, without using tool, product is convenient to assemble maintain.
后盖采用卡扣式设计，无需使用工具，产品组装维修方便
- Can be equipped with intelligent controller module to meet the needs of smart lighting.
可配置智能控制器模块，满足智能照明的需要

配光曲线 Photometrics



技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	毛重 G.W(KG)	外包装尺寸 Packing size (mm)
SL16-50W	50W	100-150Lm/W	AC100-277V	> 70	> 0.95	3000-6000	-40°C-50°C	4.8	528×329×90
SL16-100W	100W							5.7	804×329×90
SL16-150W	150W							6.6	690×329×90
SL16-200W	200W							7.5	778×329×90
SL16-250W	250W							8.4	864×329×90

SL17

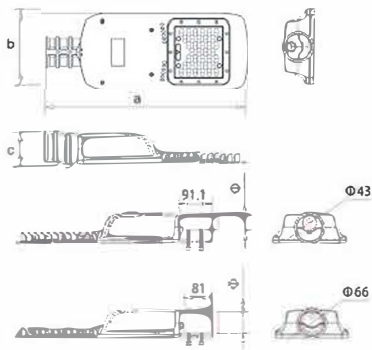
IP66



材质与特性 Material and features

- Integrative heat dissipation technology for light fixture, and high efficiency heat dissipation performance.
灯具一体化散热技术，高效散热性能
- All-metal structure, built-in power supply.
全金属结构，电源内置
- Double coupling IP66 protection, ultra high waterproof and dust-proof rating.
双重耦合IP66防护，超高等级防水防尘等级
- Human efficacy light distribution, uniform street lighting
人性化配光，路灯照明均匀
- Regional lighting (municipal square, commercial area, parking lot, etc.)
区域照明（市政广场、商业区、停车场等）
- Street lighting (underground passages, residential areas, overpass, etc.)
道路照明（地下通道、居民区、天桥等）

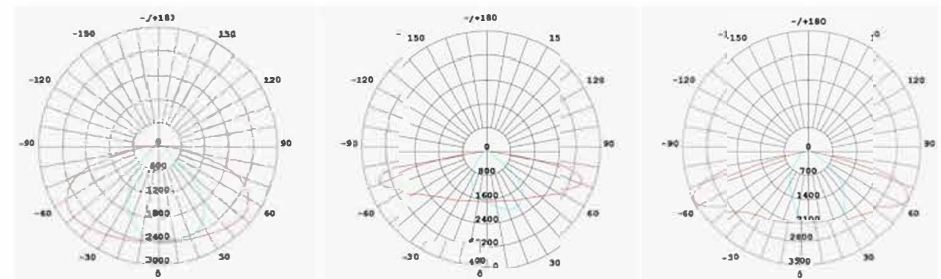
尺寸 Size(mm)



model	size	a	b	c
SL17-50W		450	145	85
SL17-60W		450	145	85
SL17-80W		550	205	95
SL17-100W		550	205	95
SL17-120W		550	205	95



配光曲线 Photometrics



A

B

C

技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	透镜 Lens	净重/毛重 N.W/G.W(KG)	外包装尺寸 Packing size (mm)
SL17-50W	50W	100-150lm/w	AC100-240V	>70	>0.95	3000-5700	-40°C-50°C	10	2.7/27.5	725×425×515
SL17-60W	60W							10	2.7/27.5	725×425×515
SL17-80W	80W	100-150lm/w	AC100-240V	>70	>0.95	3000-5700	-40°C-50°C	1	2.7/3.3	600×255×135
SL17-100W	100W							1	2.7/3.3	600×255×135
SL17-120W	120W							1	2.7/3.3	600×255×135

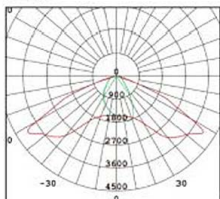
SL18

IP66



配光曲线 Photometrics

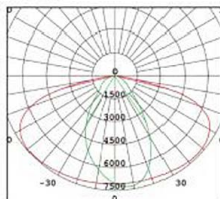
Type I:



AVERAGE BEAM ANGLE (50%):104.5 DEG

UNIT:cd
— C0/180,142.1°
— C90/270,66.8°

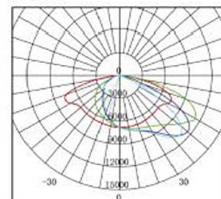
Type II:



AVERAGE BEAM ANGLE (50%):108.9 DEG

UNIT:cd
— C0/180,152.2°
— C90/270,65.5°

Type III:



AVERAGE BEAM ANGLE (50%):103.6 DEG

UNIT:cd
— C0/180,156.0°
— C90/270,76.0°

技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	毛重 G.W(KG)	外箱尺寸 Packing size mm
SL18-100W	100W							6.7	655×336×185
SL18-150W	150W							8.0	745×336×185
SL18-200W	200W	100-150lm/W	AC100-277V	> 70	> 0.95	3000-6000	-40℃~50℃	9.3	833×336×185
SL18-250W	250W							10.7	921×336×185
SL18-300W	300W							12.2	1011×336×185



材质与特性 Material and features

- Cutout switch, NEMA control system optional
断路器开关, NEMA控制系统可选
- Adopting high efficiency lighting source and ZAG lens tech, light efficiency raised 8% and light transmittance reaches up to 98% when compared to similar products.
采用高光效灯珠和ZAG透镜技术, 与同类产品相比, 光效率提高8%, 透光率达98%。
- The use of duct cooling design reduces the overall weight. Excellent heat dissipation and low light decay effectively extend the service life.
蜂窝散热设计的使用降低了整灯重量, 散热良好, 微光衰减, 有效延长使用寿命。
- Energy savings of up to 60% thanks to its low power consumption and use of high efficiency constant current driver. Protected from over current, over voltage, lightning and high temperature and fully guarantee the product life and stability.
采用低功耗和使用高效恒流驱动器, 节能率达60%, 防过流、过电压、雷电、高温, 充分保证产品的寿命和稳定性。
- Green lighting source without UV light, infrared radiation and mercury pollution.
无汞污染, 无紫外线, 无红外辐射的绿色光源。
- Each LED is packaged with multi-chips, high efficiency, stable performance and low light decay.
每个LED采用多芯片集成封装, 效率高, 性能稳定, 低光衰。
- Various housing colors available.
多种外壳颜色可选

SL20

IP66



材质与特性 Material and features

- Die-casting aluminum shell, cellular heat dissipation and the whole structure dissipation technology, good heat dissipation performance.
压铸铝外壳，模块蜂窝散热及整体结构散热技术，散热性能好
- Various installation methods available.
可适用于多种安装方式
- Optional light distribution angles,
可选配光角度
- The whole lamp reach IP66 protection level.
整灯防水等级IP66
- Multiple modules free combination, so the LED modularization provides a greating lighting solution for industrial applications.
多模块自由组合，LED模块化为工业应用提供了一个更好的照明解决方案
- Equiped with light-controlled switch.
配有光控开关

安装类型 Installation type



Fit for Square/
Round pole installation
适合方杆灯杆/圆杆安装



Fit for round pole,
over 180 degree adjustable degree
适用于圆杆，180°以上可调



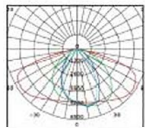
Yoke Bracket, suitable for
wall mount, 0-90 degree adjustable
影架，适用于壁挂式，0-90°可调



U shape bracket, use as flood light
U形支架，用于泛光灯

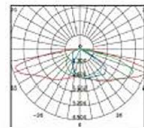
配光曲线 Photometrics

150°X70°



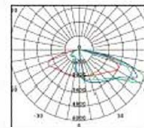
AVERAGE BEAM ANGLE (50%) 197.1 DEG
UNIT: cd
— C0/180, 14.9°
— C90/270, 8.9°

TYPE III



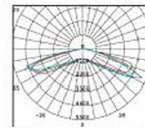
AVERAGE BEAM ANGLE (50%) 101.9 DEG
UNIT: cd
— C0/180, 58.0°
— C90/270, 61.3°

TYPE IV



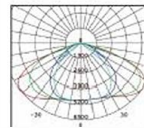
AVERAGE BEAM ANGLE (50%) 114.4 DEG
UNIT: cd
— C0/180, 153.2°
— C90/270, 65.3°

TYPE V



AVERAGE BEAM ANGLE (50%) 166.0 DEG
UNIT: cd
— C0/180, 116.8°
— C90/270, 154.1°

145°X100°



AVERAGE BEAM ANGLE (50%) 124.1 DEG
UNIT: cd
— C0/180, 163.4°
— C90/270, 89.2°

技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	毛重 G.W.(KG)	外箱尺寸 Packing size (mm)
SL20-30W	30W	100-150Lm/W	AC100-277V	> 70	> 0.95	3000- 6000	-40°C-50°C	4.5	494×310×84
SL20-50W	50W							4.5	494×310×84
SL20-60W	60W							5.5	621×310×84
SL20-90W	90W							5.5	621×310×84
SL20-100W	100W							5.5	821×310×84
SL20-150W	150W	6.5	769×320×93						

SL21

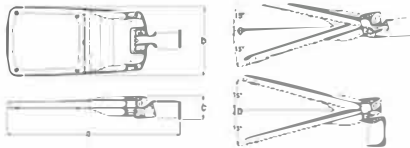
IP65



材质与特性 Material and features

- High-performance street lighting available in three sizes
高性能路灯有3种尺寸
- The luminaire is manufactured from high pressure die-casting aluminum
灯体由高压压铸铝制成
- Ultra clear tempered glass and PC lens
超高清钢化玻璃和PC透镜
- It shall have a led efficiency up to 120lm/w and will capable of producing up to 18000 luminair. lumens at 4000K
光效达120 lm/w. 光通量18000lm. 色温4000K. 标准灯体颜色为灰色或黑色
- Both horizontal and vertical available and adjustable angle -15° to 15°
水平和垂直角度均可调-15°至15°

尺寸 Size(mm)



SIZE model	a	b	c
SL21-50W	570	230	103
SL21-80W	627	271	301
SL21-150W	768	301	104

技术参数 Parameter

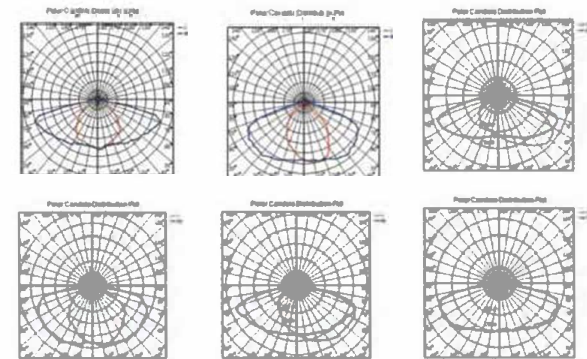
型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	外箱尺寸 Packing size (mm)
SL21-50W	50W		AC100-277V	> 70	> 0.95	3000~6000	-40~50℃	620x270x165
SL21-80W	80W	100-150lm/W	AC100-277V	> 70	> 0.95	3000~6000	-40~50℃	670x310x165
SL21-150W	150W							810x340x155



产品细节 Product Details



配光曲线 Photometrics



SL22

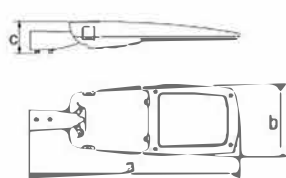
IP65



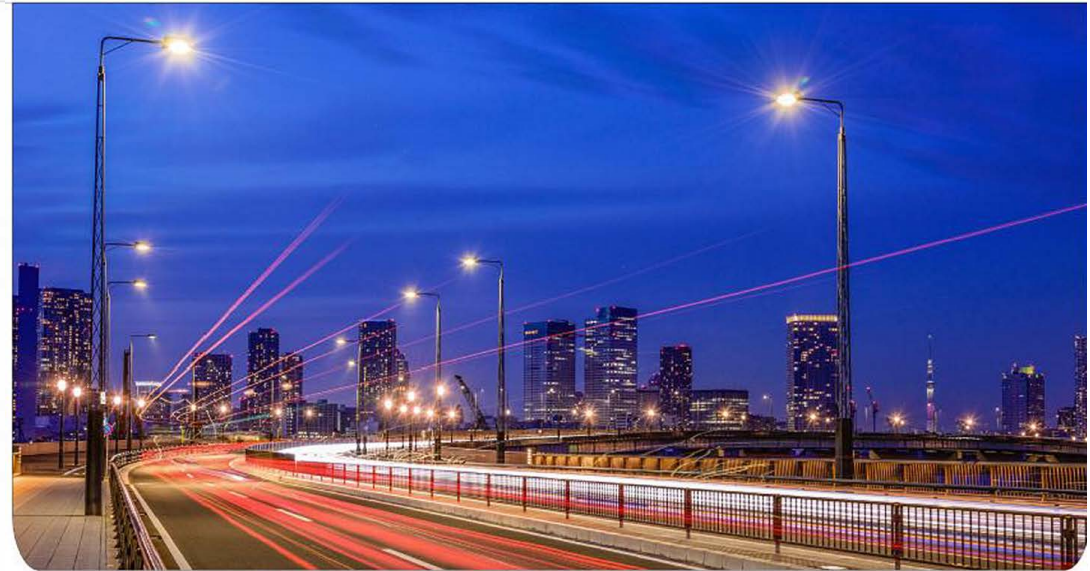
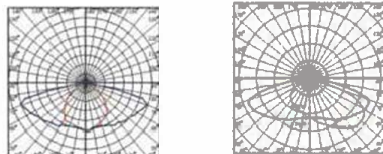
材质与特性 Material and features

- High-performance street lighting available in three sizes
高性能路灯有3种尺寸
- The luminaire is manufactured from high pressure die-casting aluminum
灯体由高压压铸铝制成
- Ultra clear tempered glass and PC lens
超高清晰度玻璃和PC透镜
- Both horizontal and vertical available and adjustable angle -15° to 15°
水平和垂直角度均可调 -15°至15°

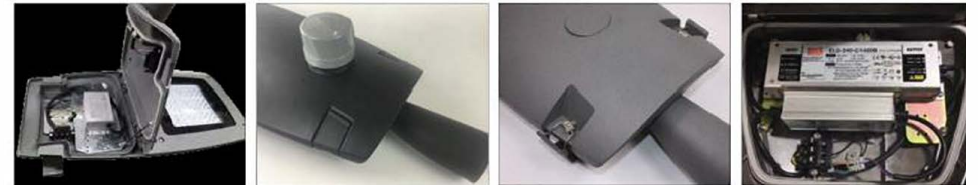
尺寸 Size(mm)



配光曲线 Photometrics



产品细节 Product Details



技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI(Ra)	功率因数 Power Factor	色温 CCT(K)	环境温度 Environment Temperature	外形尺寸 Packing size (mm)
SL22-40W	40W							621×287×96
SL22-80W	60W							621×287×96
SL22-80W	80W							738×289×118
SL22-100W	100W	100-150lm/W	AC100-277V	> 70	> 0.95	3000-6000	-40℃-50℃	738×289×118
SL22-120W	120W							738×289×118
SL22-150W	150W							992×362×140
SL22-180W	180W							992×362×140

SL23

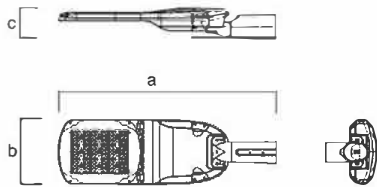
IP65



材质与特性 Material and features

- Cost-effective and efficient lighting solution
经济高效的照明解决方案
- Accelerated return on investment.
投资回收期快
- Easy and fast installation in retrofit or new construction
简单快速安装利于项目施工改造
- Dark sky compliant; ULOR=0, no up-light
适于暗夜: ULOR=0, 无上行光
- 3 sizes for aesthetic consistency in all applications.
高性能路灯有3种尺寸。

尺寸 Size(mm)



Size model	a	b	c
SL23-50W	555	200	105
SL23-80W	615	233	100
SL23-100W	615	233	100
SL23-150W	675	260	100

技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	输入电压 Voltage(V)	显色指数 CRI/Ra	功率因数 Power Factor	色温 CCT(K)	环境温度 Env/0.1min Temperature	发光角度 Beam Angle	净重 N.W(KG)	外箱尺寸 Packing size (mm)
SL23-50W	50W	100-150lm/W	AC100-277V	>70	>0.95	3000-6000	-40°C~50°C	160°×65° 150°×80°	2.5	660×260×125
SL23-80W	80W							150°×65° 150°×80°	3.1	680×260×125
SL23-100W	100W							150°×65° 150°×80°	3.1	660×260×125
SL23-150W	150W							150°×65° 150°×80°	3.8	710×290×125

SL25

IP65



材质与特性 Material and features

- Running Time: 3-5days
连续工作时间: 3-5天
- LED Chip: SMD chips
LED 灯珠: SMD
- Lamp Efficiency: >0.8
光效: >0.8
- Material: Aluminium
材质: 铝
- Warranty: 2years
质保: 2年
- Finishes: White
灯面(体): 白色



技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	色温 CCT(K)	环境温度 Environment Temperature	太阳能电池板 Solar Panel	电池 Battery	辐照面积 Irradiation Area	净重 N.W(KG)	外箱尺寸 Packing size (mm)
SL25-20W	20W	100-130lm/W	3000-6000	-25~50°C	12.6V/30W	10000mAh Lithium battery	80 Square Meter	5.0	720×230×160
SL25-40W	40W				12.6V/30W	17600mAh Lithium battery	80 Square Meters	6.0	1070×230×160
SL25-60W	60W				12.6V/50W	26400mAh Lithium battery	110 Square Meters	7.5	1700×230×160

SL26

IP68

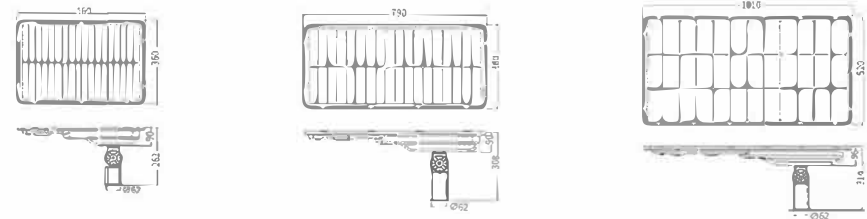


材质与特性 Material and features

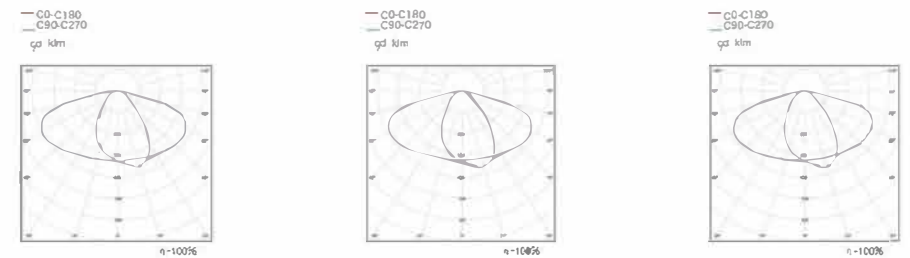
- 单晶硅太阳能电池板参数
Solar Panel Parameters monocrystalline:
18V30W/50W/100W
- 电池参数 Battery Parameters:
LiFePO4 12.8V 14AH/12.8V24AH/12.8V44AH
- 系统电压 System Voltage: 12V
- 发光角度 Light Distribution: TYPE I,II-S,II-M,III-M/150°70°
- 充电时间 Charge Time: 6 Hours
- 工作时间 Working Time: 2-3 Days (Auto Control)
- 传感器 SENSOR: PIR/MICROWARE



尺寸 Size (mm)



配光曲线 Photometrics



技术参数 Parameter

型号 Model	功率 Power	光效 Light Efficiency	色温 CCT(K)	环境温度 Environment Temperature	净重/毛重 N.W. G.W(KG)	外箱尺寸 Packing size (mm)
SL26-20W	20W	180lm/W	3000-6000	-25°C - 50°C	6.95/8.45	720x417x135
SL26-40W	40W	180lm/W	3000-6000	-25°C - 50°C	8.62/11.62	968x417x135
SL26-80W	80W	180lm/W	3000-6000	-25°C - 50°C	16.8/19.3	1198x417x135

太阳能路灯系统

Solar led street light system

材质与特性 Material and features

- Light source: LED
光源: LED
- Solar panel: Monocrystalline or polycrystalline
太阳能面板: 单晶或多晶
- Storage battery: Solar Lithium battery
蓄电池: 太阳能锂电池
- Controller: time control and light control, preventing from overcharge and overdischarge, having output short circuit protection.
控制器: 时间控制和灯光控制, 防止过充电, 过放电, 有输出短路保护



太阳能LED路灯系统 Solar Pathway LED Light

太阳能路灯系统型号 Solar led street lightsystem model	SSL2120	SSL2130	SSL2140	SSL2150
功率 Power	20W	30W	40W	50W
输出光通量 Lumen Output	3000-3500lm	4000-4800lm	6000-7000lm	8000-9200lm
流明/瓦特 Lumen/Watt	160Lm/W			
芯片 LED Chip	高流明飞利浦LED芯片 High Lumen Philips LED chip			
色温 CCT	3000-6500K			
显色指数 CRI	>70			
灯体 Body	钢化玻璃(铝合金+PC透镜+钢化玻璃) Aluminium Alloy+PC Lens+toughened glass			
仰角 Elevation angle	可变: 垂直/水平安装 Variable Vertical/Horizontal Mounting			
防护等级 IP Rating	IP65			

电池 Battery

寿命 Life span(H)	50,000			
规格 Type	锂电池 Lithium			
容量 Capacity	176WH	270WH	320WH	400WH
循环次数 Cycle	2000 times			
可耐温值 Temperature resistance	75°C			

太阳能电池板 Solar panel

功率 Power	50W/18V	60W/18V	70W/18V	80W/18V
材质 Material	高效单晶 High-efficiency Monocrystalline			
效率 Efficiency	20%			

系统 System

控制器 Controllers	智能控制 微波传感器效率95-98% Intelligent Controller Microwave Sensor 95-98% efficiency
持续点亮时间 Lighting time	雨天2-3天/50-60小时 2~3 Rainy days/50-60 Hours
运行温度 Operation temperature	-30°C~50°C

智能控制器 Smart remote controller

功能1 Function 1	100%-1小时, 70%-3小时-直至黎明 100% - 1 hour, 70% - 3 hours - till dawn
功能2 Function 2	100% - 2个小时, 70% - 2小时, 50% - 2小时 100% - 2 hours 70% - 2 hours 50% - 2 hours
功能3 Function 3	100% Object Move closer) 30% (Object Move away)
功能4 Function 4	100% - 2小时 70% - 2小时 50% - 2小时 100% - 2 hours 70% - 2 hours 50% - 2 hours 运动传感器50%(入学对象) Motion Sensor 50% (Object Move-in) 运动传感器20%(对象离开) Motion Sensor 20% (Object move away)
*可选自定义 Optional Custom Functions	联系我们的销售团队 Contact our sales team

安装 Installation

安装高度 Mounting height	5-10米 5-10 metre
安装空间 Installation Spacing	10-20米 10-20 metre
质保 Warranty	1年 1 Years