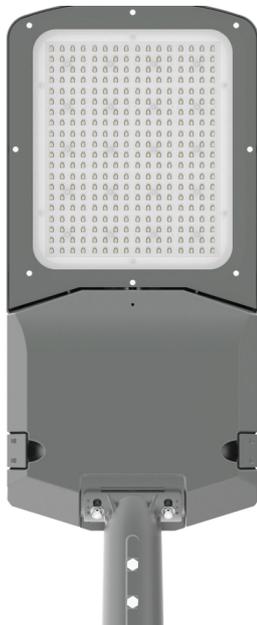
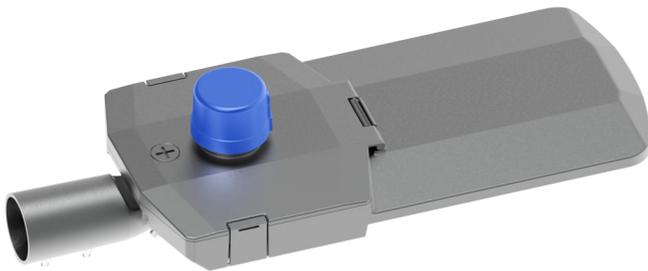


SL18 Street Light Datasheet



Key Spec

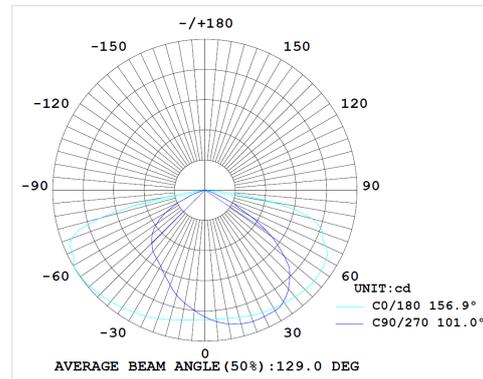
- ⇒ Efficacy: 150 lm/w | 170 lm/w
- ⇒ LED Chip: SMD3030 | SMD5050
- ⇒ SDCM: <5
- ⇒ Beam Angle : Type II-M | Type III-M
- ⇒ Built-in switch breaker
- ⇒ IP Rating: IP66
- ⇒ Control: Daylight | NEMA & ZHAGA port | 4G | PLC
- ⇒ Spigot Size: \varnothing 45mm | \varnothing 60mm
- ⇒ Certifications: CE, RoHS
- ⇒ Warranty: 5 years

Application

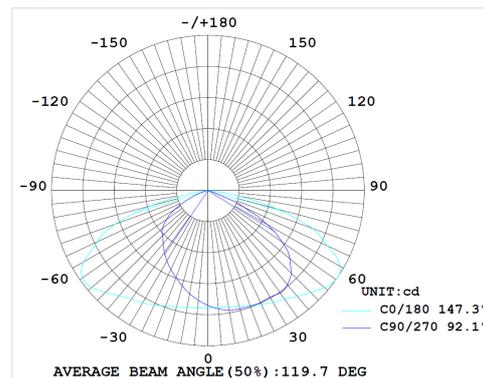
Site, area, road and other lighting applications;
Ideal for large retailers, commercial to medical properties,
and big box retailers. And suitable for roadways.

Photometry

Type II-M

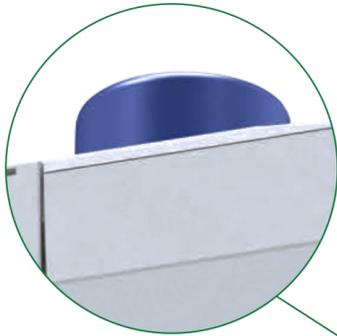


Type III-M



SL18 Street Light Datasheet

Product Details



Control:
Daylight | NEMA |
ZHAGA | LoRa |
Time Control

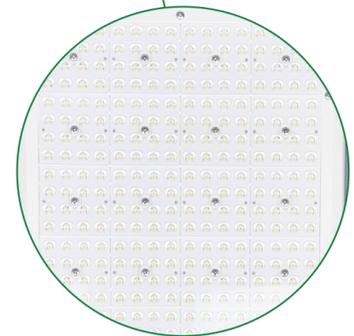


Tempered transparent glass mask.
High hardness (IK08), transmittance
as high as 95%!

Adjustable angle.
The handle of the lamp
head can be adjusted to
an elevation angle of
 $\pm 15^\circ$, and can also be in-
stalled vertically at 90° .



Tool-free maintenance.
The two buttons on the
lamp can be opened with
bare hands, making
maintenance easy!



High quality LED Chip:
SMD3030 | SMD5050
SDCM<5; LM80

SL18 Street Light Datasheet

Product Data

Model No.	SL18-30	SL18-60	SL18-100	SL18-150	SL18-200	SL18-240
Power	30W	60W	100W	150W	200W	240W
Lumen Output	4,500 lm	9,000 lm	15,000 lm	22,500 lm	30,000 lm	36,000 lm
Luminous Efficacy	150 lm/w (170lm/w optional)					
CCT	3000K 4000K 5000K 5700K 6500K					
CRI	Ra≥70 (Ra≥80 optional)					
Input Voltage	100 to 277 VAC ; 50Hz 60Hz					
Spigot Size	Ø45mm Ø60mm					
Housing Color	Gray					
Housing Material	Aluminum, PC, Glass					
Operating Temperature	-30°C to +50°C					
Operating Humidity	10% to 90% RH					
Lifespan	100,000 hours					
Warranty	5 years					

ErP Technical Specification (25°C operating temperature)

Item	Specification/Data
Efficiency In	≥90%
Power Factor	PF≥0.90
Energy Efficiency Class	C (170 lm/w); D (150 lm/w)
Standard Deviation of Color Matching	<5
Starting Time	<0.2S
Warm-up Time to 60%	<0.5S
Lumen Maintenance at e.o.l.	>70%
Lifetime	L70/B10@100,000hours

**Note: 1. The above parameters are all obtained at +25°C and there are errors within the allowable range of relevant standards.
2. This specification book is for reference only. We retains the right to optimize and modify without pre -notification!**

SL18 Street Light Datasheet

Mounting & Accessories (optional)

	<p>Daylight Sensor</p> <p>Model No.: SLGG Light On < 6lux; Light Off > 50lux</p>
	<p>PLC Power line communication</p> <ul style="list-style-type: none"> ⇒ Power line communication; Supports scheduling, time-of-day control, holiday settings, and dimming strategies; ⇒ It can expand functions such as lamp pole tilt detection/lamp movement with vehicle/illuminance detection/leakage monitoring, etc. ⇒ Supports various protocols (TCP, MQTT, API, etc.) for integration with third-party systems.
	<p>4G (single light controller)</p> <ul style="list-style-type: none"> ⇒ 4G CAT.1 communication, built-in chip card, full network access; ⇒ Support timing, longitude and latitude time control, holidays and dimming strategies; ⇒ It can expand functions such as lamp pole tilt detection/lamp movement with vehicle/illuminance detection/leakage monitoring, etc. ⇒ Supports multiple protocols such as TCP/MQTT/API to connect to third-party systems.
	<p>NEMA 7 pins Socket with Blank Cover</p> <p>Black; when selected, it needs to be used with a dimming driver. Socket Model No.: JL-240FXA-14 Shorting Cap Model No.: JL-208</p>
	<p>ZHAGA 4 pins Socket and Daylight Sensor</p> <p>Black; when selected, it needs to be used with a dimming driver with an auxiliary source. Socket Model No.: JL-700; with cover. Light control Model No.: JL-701A; with socket and light control.</p>
	<p>Surge Protection Device</p> <p>Surge Protection Device Model No.: SL-FLQ-P10B; 10kV 10kA SL-FLQ-P20B; 20kV 20kA</p>

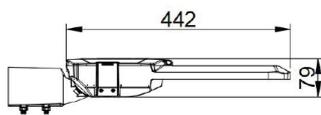
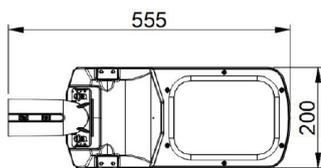
SL18 Street Light Datasheet

Packaging (no daylight)

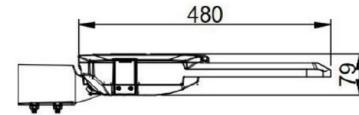
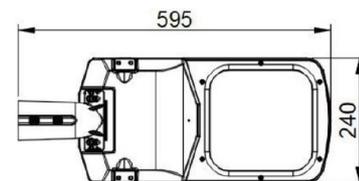
Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m ³)	40HC/HQ(68m ³)
SL18-30	1	3.2 kg	3.7 kg	4.5 kg	L585xW230xH165 mm ≈ 0.022 m ³	1,272 CTNS	3,090 CTNS
SL18-60	1	3.4 kg	3.9 kg	4.5 kg	L585xW230xH165 mm ≈ 0.022 m ³	1,272 CTNS	3,090 CTNS
SL18-100	1	4.3 kg	4.9 kg	5.6 kg	L625xW270xH165 mm ≈ 0.028 m ³	1,000 CTNS	2,428 CTNS
SL18-150	1	5.2 kg	5.8 kg	6.7 kg	L695xW290xH165 mm ≈ 0.033 m ³	848 CTNS	2,060 CTNS
SL18-200	1	6.3 kg	7.1 kg	8.5 kg	L780xW330xH165 mm ≈ 0.042 m ³	666 CTNS	1,619 CTNS
SL18-240	1	6.5 kg	7.3 kg	8.5 kg	L780xW330xH165 mm ≈ 0.042 m ³	666 CTNS	1,619 CTNS

Remarks: The weight of the above products is for reference only, and the weight of different configuration products will be different.

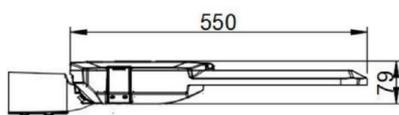
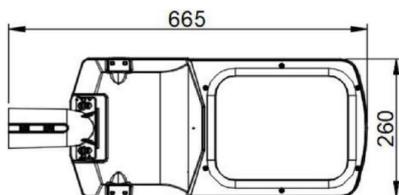
Dimension (unit: mm)



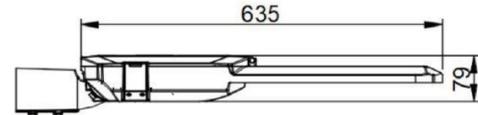
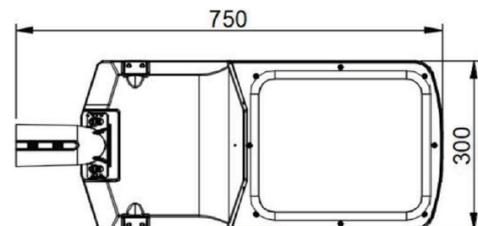
SL18-30 | SL18-60



SL18-100



SL18-150



SL18-200 | SL18-240