

SL18 Street Light



170 lm/w



IK08



IP66



CE



ROHS



5 YEAR WARRANTY



Daylight



NEMA



ZHAGA



LoRa



Time Control

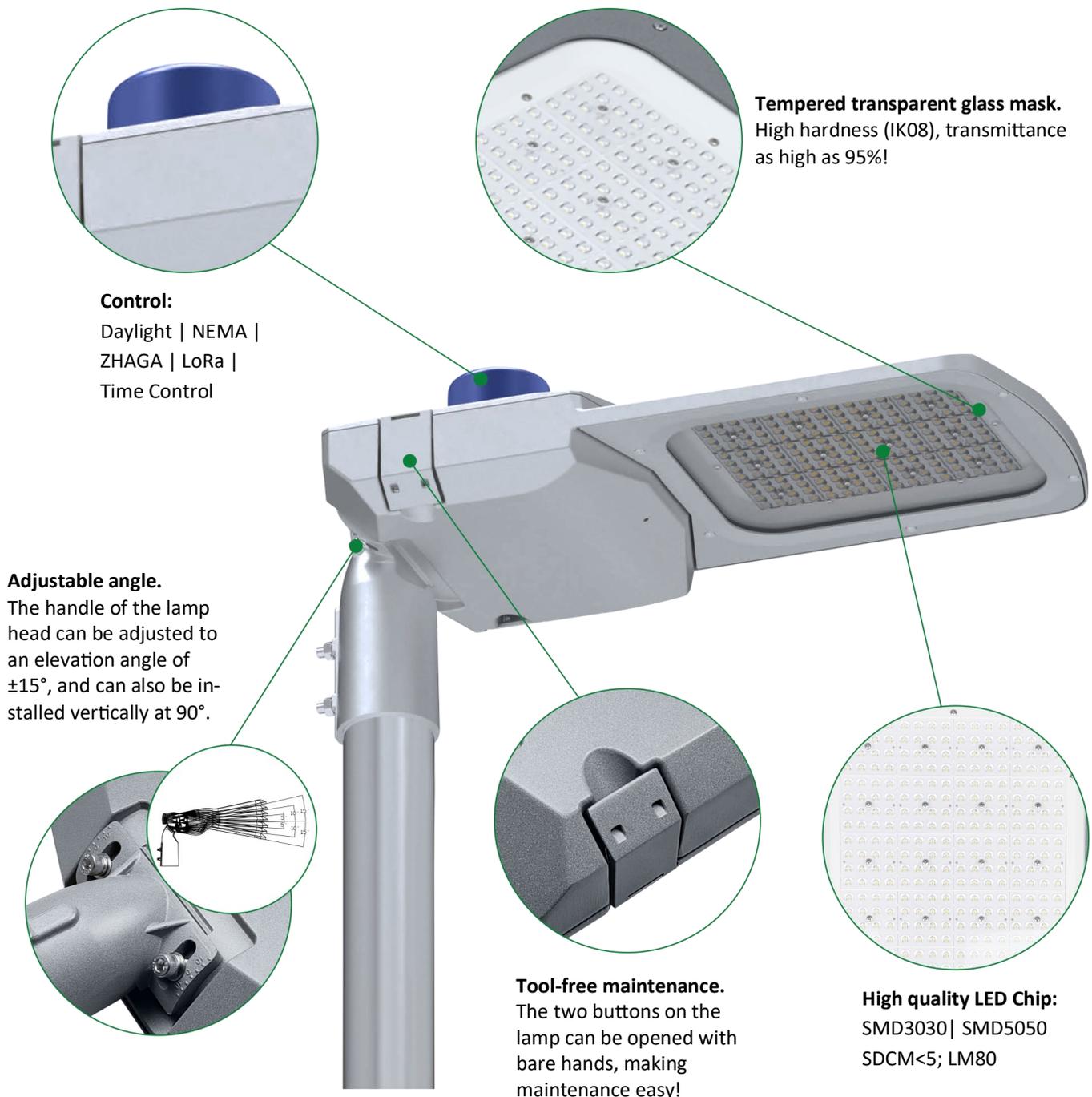


KeMeiLai Optoelectronic Co., Ltd

www.kmlled.com

SL18 Street Light Datasheet

Product Details



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

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

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

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

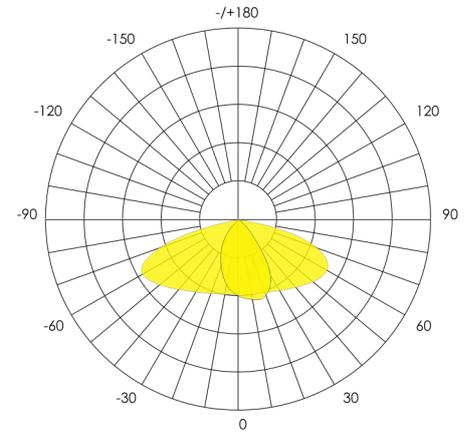
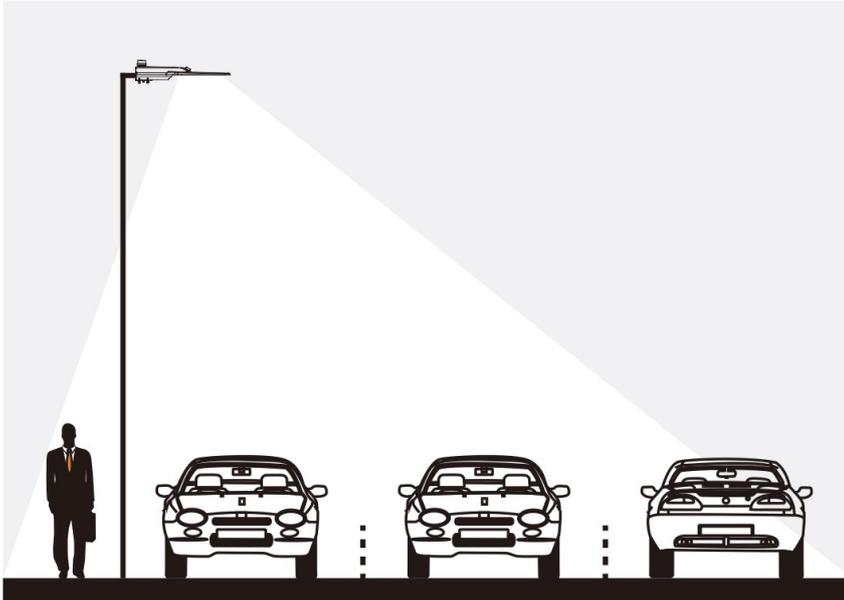
High quality LED Chip:
SMD3030 | SMD5050
SDCM<5; LM80

Application

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

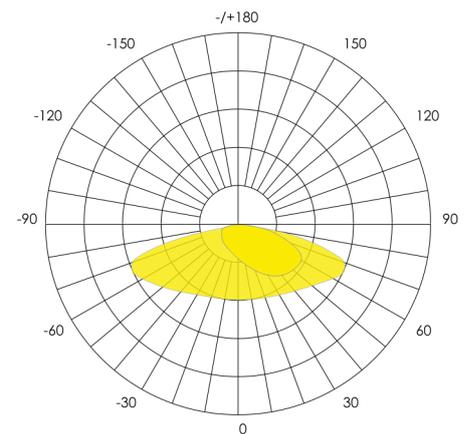
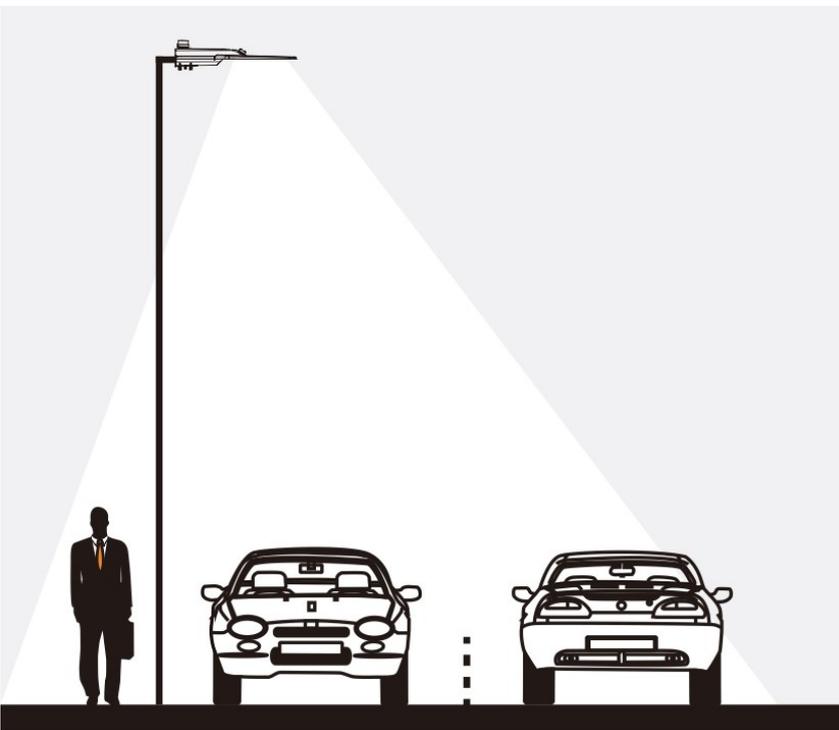
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Photometry and Road Lighting (Reference Only)



Type II-S

This type of light distribution has a wide range of uses and is suitable for highways and multi-lane main roads. The luminaire spacing ratio can reach 3.5. According to CIE 140/EN 13201 requirements (ME1~ME2), these parameters [Lav, U0, UI, T1, SR] are displayed in the Dialux road lighting simulation.



Type II-M

This light width distribution is used for multi-lane carriageways. Suitable for highways and multi-lane main roads. The luminaire spacing height ratio can reach 3.5. According to the requirements of CIE 140/EN 13201 (ME1~ME2), these parameters [Lac, U0, UI, T1,SR] are displayed in the Dialux road lighting simulation.

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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

Item	Specification/Data
Efficiency In	>90%
Power Factor	PF>0.95
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 will have 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!**



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Mounting & Accessories (optional)

	<p>Daylight Sensor</p> <p>Model No.: SLGG Light On < 6lux; Light Off > 50lux</p>
	<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>
	<p>LoRa Wireless Single Light Controller</p> <p>Model No.: IO-RCL201 Driver: 85 to 265 VAC 50Hz 60Hz; Control: 0-10V; Wireless: LoRa</p>
	<p>Time Controller</p> <p>Six time settings can be achieved and then controlled. The specific time period needs to be set and communicated with us before delivery! If the time period needs to be changed later, the user needs to debug it by himself.</p>
	<p>Power off switch</p> <p>Model No.: M29 When the back cover of the lamp is opened, the lamp will automatically power off, otherwise, it will power on.</p>

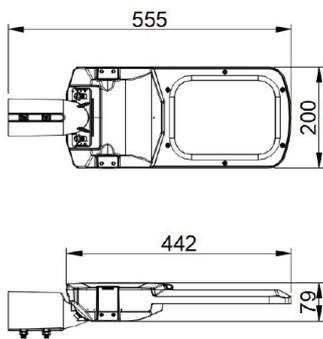
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Packaging (no daylight, LoRa)

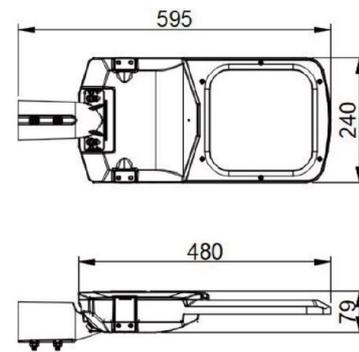
Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m ³)	40HC/HQ(68m ³)
SL18-30	1	3.2 kg	3.7 kg	4.5 kg	L585xW230xH165 mm ≈ 0.022 m ³	1,272 CTNS	3,090 CTNS
SL18-60	1	3.4 kg	3.9 kg	4.5 kg	L585xW230xH165 mm ≈ 0.022 m ³	1,272 CTNS	3,090 CTNS
SL18-100	1	4.3 kg	4.9 kg	5.6 kg	L625xW270xH165 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.

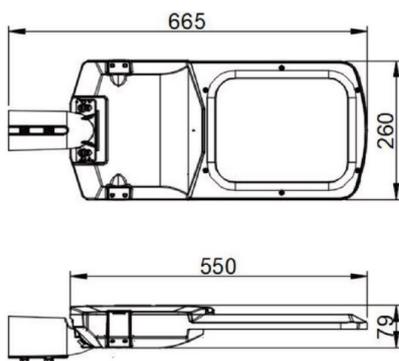
Dimension (unit: mm)



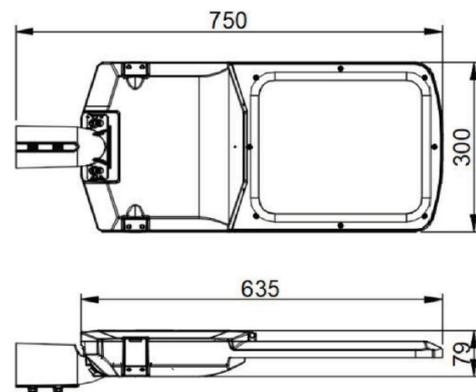
SL18-30 | SL18-60



SL18-100



SL18-200



SL18-200 | SL18-240