

SL20 Street Light Datasheet



Key Spec

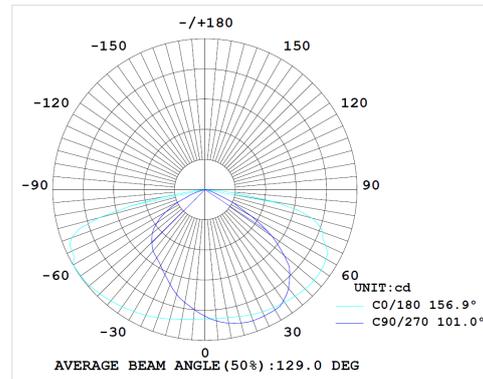
- ⇒ Efficacy: 140 lm/w
- ⇒ LED Chip: SMD3030 | SMD5050
- ⇒ SDCM: <5
- ⇒ Beam Angle : Type II-M | Type III-M
- ⇒ Built-in switch breaker
- ⇒ IP Rating: IP66
- ⇒ Control: Daylight | NEMA or ZHAGA port | PLC | 4G
- ⇒ Spigot Size: Ø50mm | Ø60mm
- ⇒ Certifications: CE, RoHS
- ⇒ Warranty: 5 years

Application

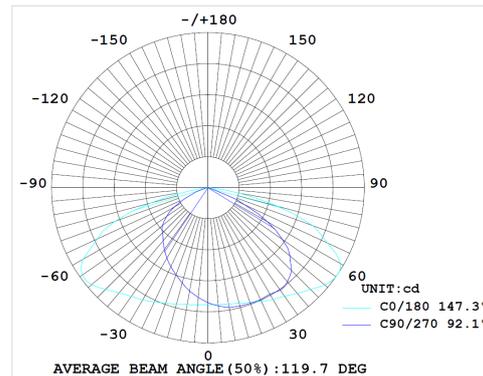
Urban main roads, expressways; secondary roads, branch roads; highways, tunnels, bridges; residential areas, parks, squares; airports, ports, docks; campuses, industrial parks and other types of road lighting.

Photometry

Type II-M



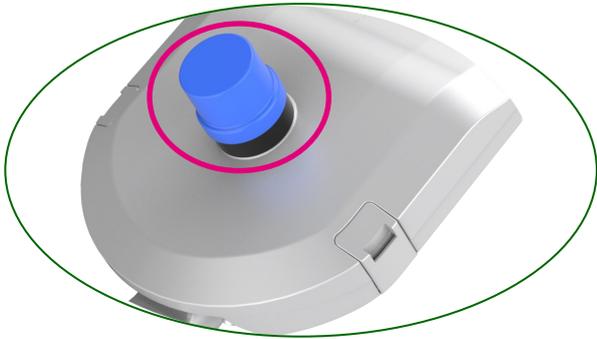
Type III-M



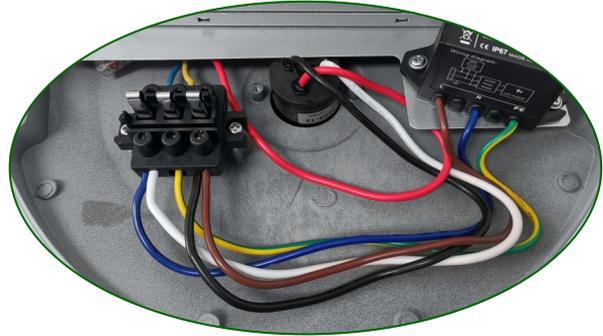
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Product Details

Daylight sensor | NEMA | ZHAGA



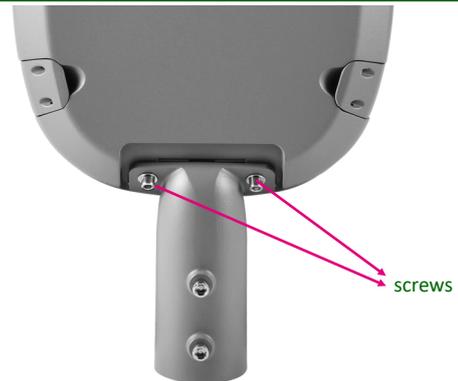
The wiring specifications of the lamps are organized, easy to maintenance and upgrade to smart road lighting system.



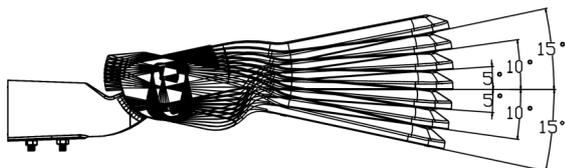
Airflow vent to extend life and eliminate moisture inside.



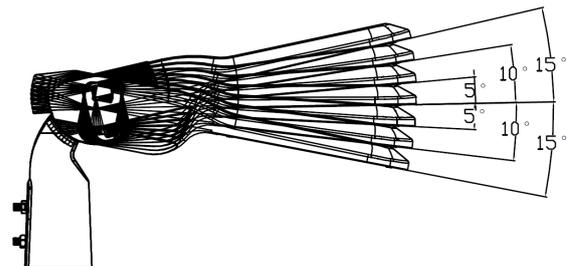
Adjust the screw to change the lighting direction.



Adjustable angle ①



Adjustable angle ②



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Product Data

Model No.	KML-SL20-30	KML-SL20-60	KML-SL20-80	KML-SL20-100	KML-SL20-120	KML-SL20-150	KML-SL20-200
Power	30W	60W	80W	100W	120W	150W	200W
Lumen Output	4,200 lm	8,400 lm	11,200 lm	14,000 lm	16,800 lm	21,000 lm	28,000 lm
Luminous Efficacy	140 lm/w						
CCT	3000K 4000K 5000K 5700K 6500K						
CRI	Ra≥70 (Ra≥80 optional)						
Input Voltage	100 to 277 VAC ; 50Hz 60Hz						
Spigot Size	Ø50mm Ø60mm						
Housing Color	Gray						
Housing Material	Aluminum, PC, Glass						
Power Factor	PF≥0.90						
Efficiency In	≥90%						
Energy Efficiency Class	D						
Operating Temperature	-30°C to +50°C						
Operating Humidity	10% to 90% RH						
Design Lifespan	100,000 hours						
Warranty	5 years						

**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!**

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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>

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Optional product details description



Aluminum surface ring



Tablet pressing

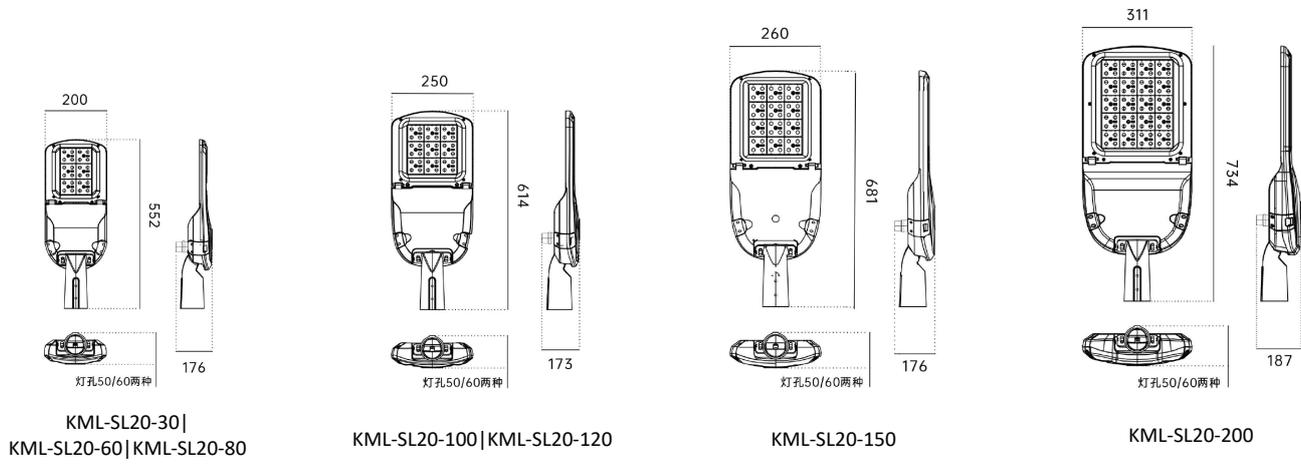
Packaging (without daylight sensor)

Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m ³)	40HC/HQ(68m ³)
KML-SL20-30	1	2.3 kg	3.4 kg	3.8 kg	L582xW230xH133 mm \approx 0.018 m ³	1,555 CTNS	3,777 CTNS
KML-SL20-60	1	2.5 kg	3.6 kg	3.8 kg	L582xW230xH133 mm \approx 0.018 m ³	1,555 CTNS	3,777 CTNS
KML-SL20-80	1	2.7 kg	3.8 kg	3.8 kg	L582xW230xH133 mm \approx 0.018 m ³	1,555 CTNS	3,777 CTNS
KML-SL20-100	1	3.2 kg	3.8 kg	4.7 kg	L644xW280xH130 mm \approx 0.023 m ³	1,217 CTNS	2,956 CTNS
KML-SL20-120	1	3.4 kg	4.0 kg	4.7 kg	L644xW280xH130 mm \approx 0.023 m ³	1,217 CTNS	2,956 CTNS
KML-SL20-150	1	4.0 kg	4.8 kg	5.5 kg	L711xW290xH133 mm \approx 0.027 m ³	1,037 CTNS	2,518 CTNS
KML-SL20-200	1	5.2 kg	6.2 kg	7.5 kg	L764xW341xH144 mm \approx 0.038 m ³	736 CTNS	1,789 CTNS

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

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Dimension (unit: mm)



Packaging Images

