

SLH Street Light Datasheet



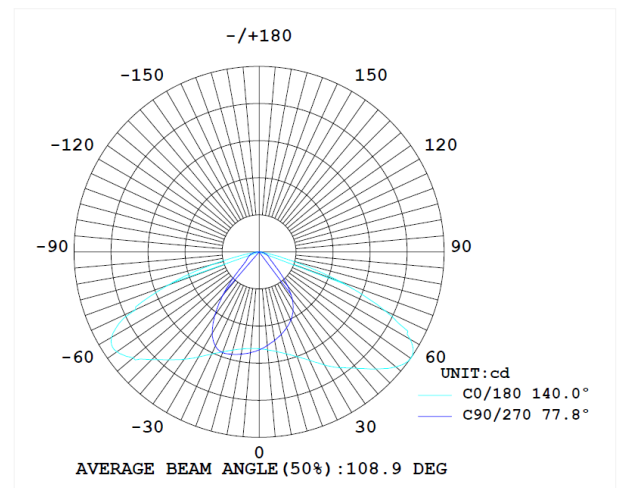
Key Features

- ⇒ **Efficacy:** Up to 150 lm/w
- ⇒ **LED Chip:** SMD3030
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** Type III
- ⇒ **IP Rating:** IP65
- ⇒ **Control (optional):** Daylight Sensing | PLC | 4G
- ⇒ **Installation:** Round pole
- ⇒ **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



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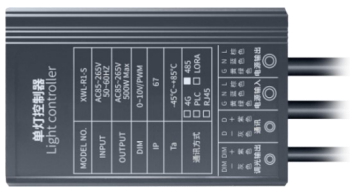



Product Data

Model No.	KML-SL050H	KML-SL100H	KML-SL150H	KML-SL200H	KML-SL240H
Power	50W	100W	150W	200W	240W
Lumen Output	7,500 lm	15,000 lm	22,500 lm	30,000 lm	36,000 lm
Luminous Efficacy	150 lm/w				
CCT	3000K 4000K 5000K 5700K 6500K				
CRI	Ra≥70 (Ra≥80 optional)				
Input Voltage	100 to 277 VAC; 50Hz/60Hz				
Spigot Size	Ø60mm				
Housing Color	Gray				
Housing Material	Aluminum, PC				
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>

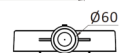
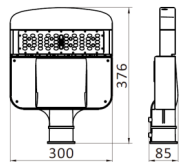
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Packaging

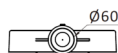
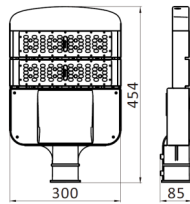
Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m ³)	40HC/HQ (68m ³)
KML-SL050H	1	2.9 kg	4.0 kg	2.7 kg	L400xW320xH105 mm \approx 0.013 m ³	2,153 CTNS	5,230 CTNS
KML-SL100H	1	3.5 kg	5.0 kg	3.2 kg	L470xW320xH105 mm \approx 0.016 m ³	1,750 CTNS	4,250 CTNS
KML-SL150H	1	5.1 kg	6.7 kg	3.7 kg	L550xW320xH105 mm \approx 0.018 m ³	1,555 CTNS	3,777 CTNS
KML-SL200H	1	5.3 kg	7.0 kg	4.2 kg	L630xW320xH105 mm \approx 0.021 m ³	1,333 CTNS	3,238 CTNS
KML-SL240H	1	5.9 kg	8.0 kg	4.7 kg	L700xW320xH105 mm \approx 0.024 m ³	1,166 CTNS	2,833 CTNS

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

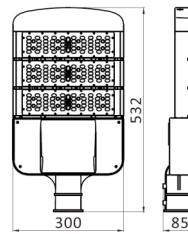
Dimension (unit: mm)



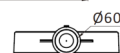
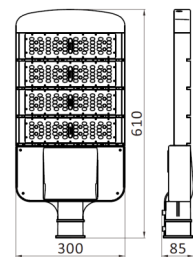
KML-SL050H



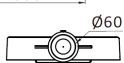
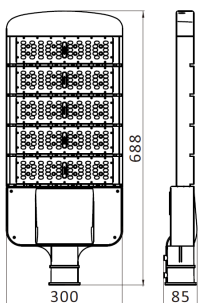
KML-SL100H



KML-SL150H



KML-SL200H



KML-SL240H