

SLA Street Light Datasheet



Key Spec

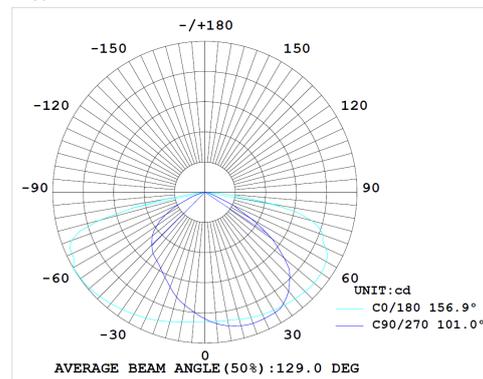
- ⇒ **Efficacy:** 140 lm/w | 160 lm/w
- ⇒ **LED Chip:** SMD3030 | SMD5050
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle :** Type II-M | Type III-M
- ⇒ Built-in switch breaker
- ⇒ **IP Rating:** IP66
- ⇒ **Control:** Daylight sensor | NEMA port | ZHAGA port | LoRa
- ⇒ **Spigot Size:** Ø40mm | Ø50mm | Ø60mm
- ⇒ **Certifications:** CE, RoHS
- ⇒ **Warranty:** 5 years

Application

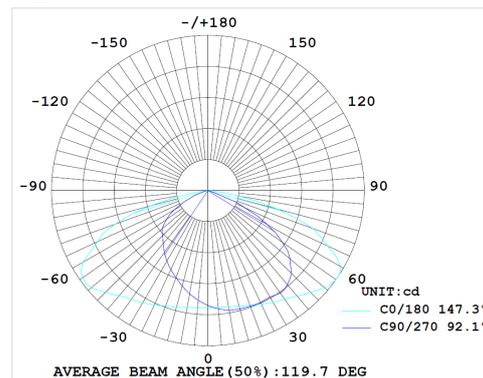
Site, area, road and other lighting applications;
Ideal for large retailers, commercial to medical properties,
and big box retailers. And suitable for roadways.

Photometry

Type II-M



Type III-M

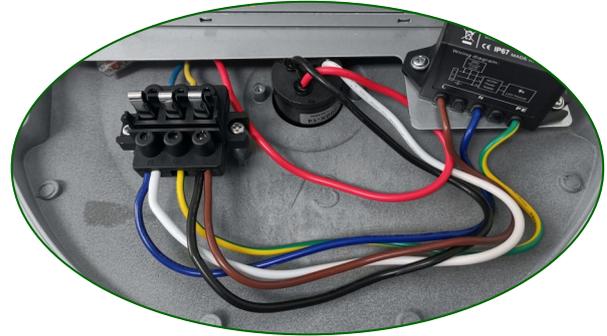


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Product Details

Daylight sensor | NEMA | ZHAGA

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



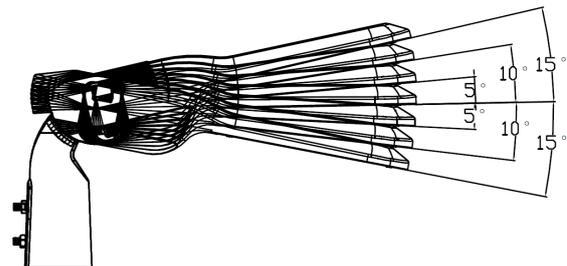
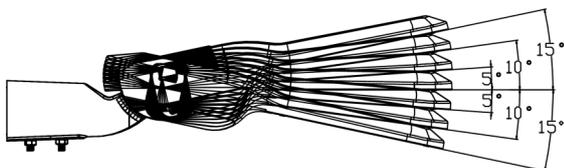
Airflow vent to extend life and eliminate moisture inside.

Adjust the screw to change the lighting direction.



Adjustable angle ①

Adjustable angle ②



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Product Data

Model No.	KML-SL030A	KML-SL060A	KML-SL080A	KML-SL100A	KML-SL120A	KML-SL150A	KML-SL200A	KML-SL240A
Power	30W	60W	80W	100W	120W	150W	200W	240W
Lumen Output	4,200 lm	8,400 lm	11,200 lm	14,000 lm	16,800 lm	21,000 lm	28,000 lm	33,600 lm
Luminous Efficacy	140 lm/w (160lm/w optional)							
CCT	3000K 4000K 5000K 5700K 6500K							
CRI	Ra≥70 (Ra≥80 optional)							
Input Voltage	100 to 277 VAC ; 50Hz 60Hz							
Spigot Size	Ø40mm Ø50mm 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	D
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!**

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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 (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-SL030A	1	3.4 kg	3.8 kg	3.8 kg	L513xW246xH150 mm ≈ 0.019 m ³	1,473 CTNS	3,578 CTNS
KML-SL060A	1	3.6 kg	4.0 kg	3.8 kg	L513xW246xH150 mm ≈ 0.019 m ³	1,473 CTNS	3,578 CTNS
KML-SL080A	1	4.0 kg	4.6 kg	3.3 kg	L582xW220xH129 mm ≈ 0.017 m ³	1,647 CTNS	4,000 CTNS
KML-SL100A	1	4.6 kg	5.2 kg	4.2 kg	L627xW260xH129 mm ≈ 0.021 m ³	1,333 CTNS	3,238 CTNS
KML-SL120A	1	4.8 kg	5.4 kg	4.2 kg	L627xW260xH129 mm ≈ 0.021 m ³	1,333 CTNS	3,238 CTNS
KML-SL150A	1	5.0 kg	5.7 kg	4.6 kg	L700xW281xH117 mm ≈ 0.023 m ³	1,217 CTNS	2,956 CTNS
KML-SL200A	1	5.8 kg	6.8 kg	6.4 kg	L786xW320xH128 mm ≈ 0.032 m ³	875 CTNS	2,125 CTNS
KML-SL240A	1	6.1 kg	7.1 kg	6.4 kg	L786xW320xH128 mm ≈ 0.032 m ³	875 CTNS	2,125 CTNS

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

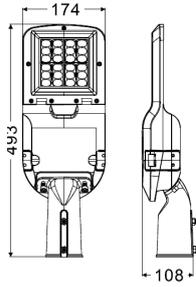
Packaging (with daylight sensor)

Model No.	CTNS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m ³)	40HC/HQ(68m ³)
KML-SL030A	1	3.8 kg	4.2 kg	3.8 kg	L513xW246xH150 mm ≈ 0.019 m ³	1,473 CTNS	3,578 CTNS
KML-SL060A	1	4.0 kg	4.4 kg	3.8 kg	L513xW246xH150 mm ≈ 0.019 m ³	1,473 CTNS	3,578 CTNS
KML-SL080A	1	4.4 kg	5.0 kg	3.3 kg	L582xW220xH129 mm ≈ 0.017 m ³	1,647 CTNS	4,000 CTNS
KML-SL100A	1	5.0 kg	5.6 kg	4.2 kg	L627xW260xH129 mm ≈ 0.021 m ³	1,333 CTNS	3,238 CTNS
KML-SL120A	1	5.2 kg	5.6 kg	4.2 kg	L627xW260xH129 mm ≈ 0.021 m ³	1,333 CTNS	3,238 CTNS
KML-SL150A	1	5.4 kg	6.1 kg	4.6 kg	L700xW281xH117 mm ≈ 0.023 m ³	1,217 CTNS	2,956 CTNS
KML-SL200A	1	6.2 kg	7.2 kg	6.4 kg	L786xW320xH128 mm ≈ 0.032 m ³	875 CTNS	2,125 CTNS
KML-SL240A	1	6.5 kg	7.5 kg	6.4 kg	L786xW320xH128 mm ≈ 0.032 m ³	875 CTNS	2,125 CTNS

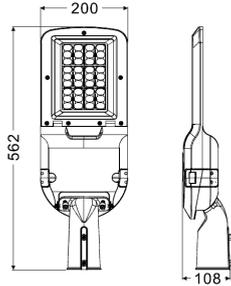
Remarks: The weight of the above products is for reference only, and the weight of different configuration products will be different.

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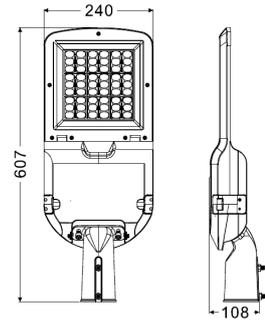
Dimension (unit: mm)



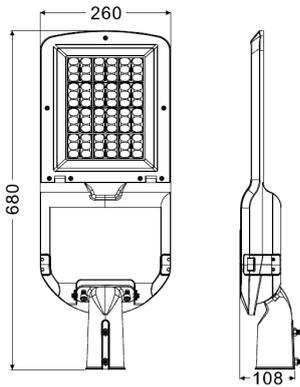
KML-SL030A | KML-SL060A



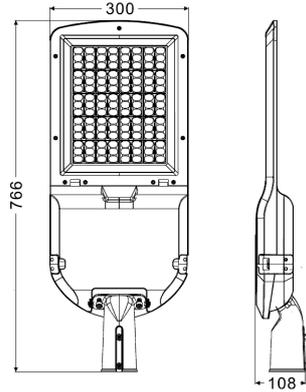
KML-SL080A



KML-SL100A | KML-SL120A

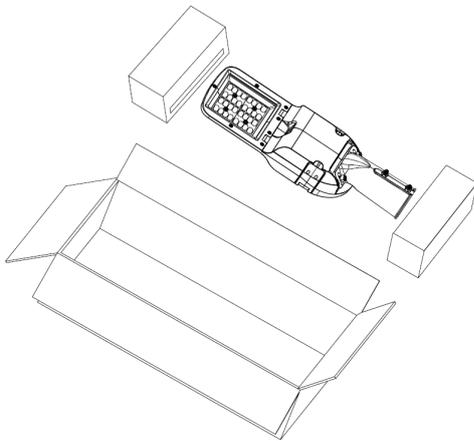


KML-SL150A

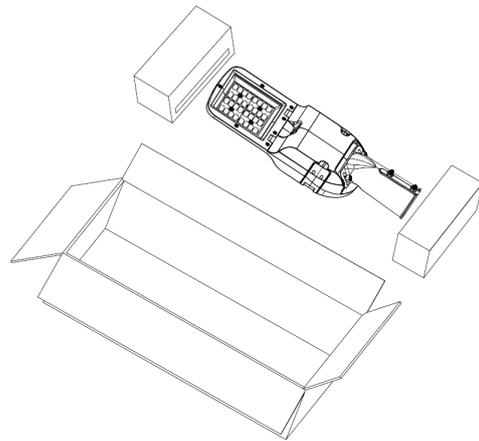


KML-SL200A | KML-SL240A

Packaging Images



Without daylight sensor



With daylight sensor