

SHG Area Light Datasheet



Key Features

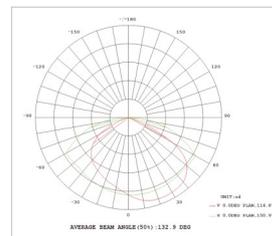
- ⇒ **Efficacy:** Up to 150 lm/w
- ⇒ **LED Chip:** SMD3030 | SMD5050
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** Type II-M | Type III-M | Type IV-M | 60° | 90° PC lens
- ⇒ **IP Rating:** IP65
- ⇒ **Controls (Optional):** Daylight sensor
- ⇒ **Installation:** Slip fitter | Arm (Square | Round pole) | Bracket
- ⇒ **Warranty:** 5 years

Application

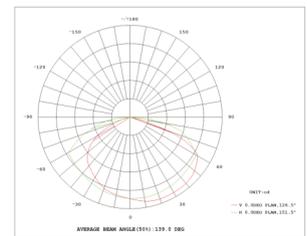
Site, area, road and other lighting applications; Ideal for large retailers, commercial to medical properties, and big box retailers. And suitable for roadways.

Photometry

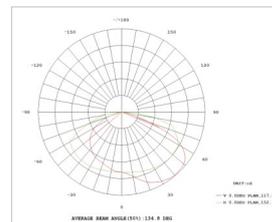
Type 2M PC lens



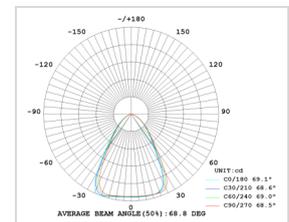
Type 3M PC lens



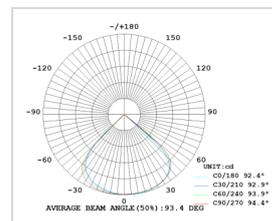
Type 4M PC lens



60° PC lens



90° PC lens



SHG Area Light Datasheet

Product Data

Model No.	KML-SH050G	KML-SH080G	KML-SH100G	KML-SH150G	KML-SH200G	KML-SH240G	KML-SH300G	KML-SH400G
Power	50W	80W	100W	150W	200W	240W	300W	400W
Lumen Output	7,500 lm	12,000 lm	15,000 lm	22,500 lm	30,000 lm	36,000 lm	45,000 lm	60,000 lm
Luminous Efficacy	150 lm/w							
CCT	3000K/4000K/5000K/5700K /6500K							
CRI	Ra≥70 (Ra≥80 optional)							
Input Voltage	100 to 277 VAC							
Housing Color	Black/White							
Housing Material	Die-cast Aluminum, PC lens							
Operating Temperature	-30°C to +50°C							
Operating Humidity	10% to 90% RH							
Lifespan	>50,000 hours							
Warranty	5 years							

ErP Technical Specification

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	L80/B10@50,000hours

**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!**



www.kmlled.com

Add: Room 901, Building A, FuBiLun Industrial Park, ChaoYang Road, YanChuan Community, YanLuo Street, Bao'an, ShenZhen City, China.

SHG Area Light Datasheet

Mounting & Accessories (options)

	Daylight Sensor Model No.: SLGG Light On < 6 lux; Light Off > 50lux
	Surge Protection Device Model No.: SL-FLQ-P10B; 10kV/10kA SL-FLQ-P20B; 20kV/20kA

Mounting & Accessories (required)

	Slip Fitter (adjustable angle) Model No.: SHG-SFT Pole Size: Ø60mm White/Black
	Slip Fitter Model No.: SHG-SFZ Pole Size: Ø60mm White/Black
	Mounting Arm (square) Model No.: SHG-BGF White/Black
	Mounting Arm (round) Model No.: SHG-BGY White/Black
	Wall Mount Model No.: SHG-ZJ White/Black

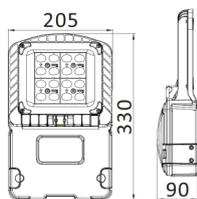
SHG Area Light Datasheet

Packaging

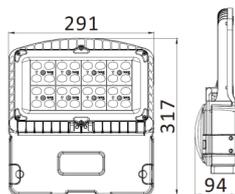
Model No.	PCS/CTN	N. W	G. W	Volumetric Weight	Carton Size and Volume	20GP(28m ³)	40HC/HQ(68m ³)
KML-SH050G	1	4.5 kg	5.0 kg	4.3 kg	L575xW257xH145 mm ≈ 0.021 m ³	1,333 CTNS	3,238 CTNS
KML-SH080G	1	5.0 kg	5.6 kg	4.3 kg	L575xW257xH145 mm ≈ 0.021 m ³	1,333 CTNS	3,238 CTNS
KML-SH100G	1	6.0 kg	6.8 kg	5.6 kg	L562xW345xH145 mm ≈ 0.028 m ³	1,000 CTNS	2,428 CTNS
KML-SH150G	1	6.5 kg	7.0 kg	5.6 kg	L562xW345xH145 mm ≈ 0.028 m ³	1,000 CTNS	2,428 CTNS
KML-SH200G	1	7.5 kg	8.7 kg	6.2 kg	L623xW345xH145 mm ≈ 0.031 m ³	903 CTNS	2,193 CTNS
KML-SH240G	1	8.7 kg	10.2 kg	7.7 kg	L733xW360xH145 mm ≈ 0.038 m ³	736 CTNS	1,786 CTNS
KML-SH300G	1	9.3 kg	11.0 kg	7.7 kg	L733xW360xH145 mm ≈ 0.038 m ³	736 CTNS	1,786 CTNS
KML-SH400G	1	11.5 kg	13.5 kg	9.3 kg	L895xW360xH145 mm ≈ 0.047 m ³	595 CTNS	1,446 CTNS

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

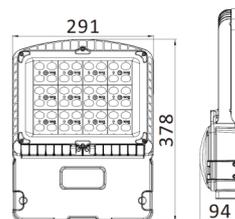
Dimension (unit: mm)



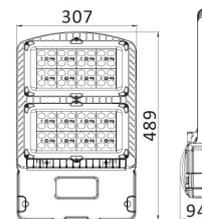
KML-SH050G/KML-SH080G



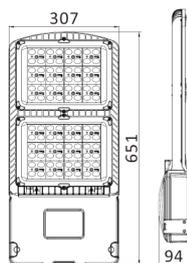
KML-SH100G/KML-SH150G



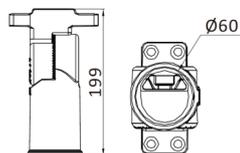
KML-SH200G



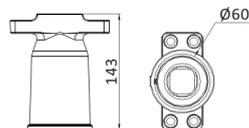
KML-SH240G/KML-SH300G



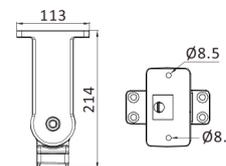
KML-SH400G



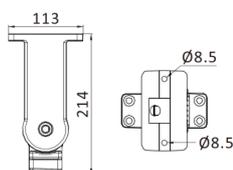
SHG-SFT (Slip Fitter)



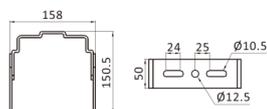
SHG-SFZ (Slip Fitter)



SHG-BGF (Square)



SHG-BGY (Round)



SHG-ZJ (Bracket)