



## Area Light

### Features



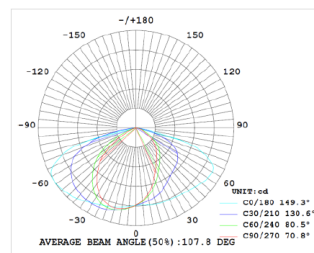
- Efficacy: Up to 130lm/w
- LED chip: SMD2835 | SMD3030
- SDCM: <5
- Beam angle: Type II | Type III | Type IV | Type V
- Control: Daylight sensor | NEMA port | ZHAGA port | LoRa
- Installation: Slip fitter | Arm (Square | Round Pole) | Bracket
- Warranty: 5 years



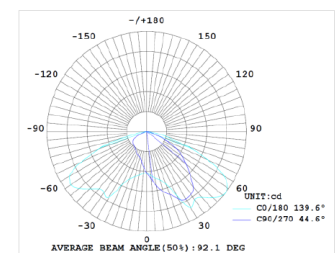
**Application:** Site, area, road and other lighting applications ; Ideal for large retailers, commercial to medical properties, and bigbox retailers. Suitable for roadways.

### Photometry

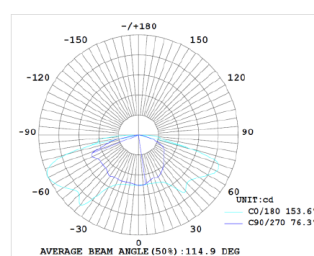
Type II



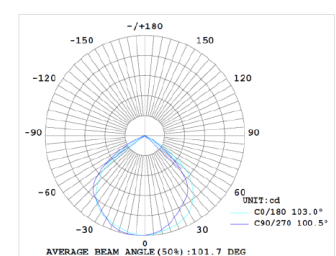
Type III



Type IV



Type V





**Product Data**

Model No.	SH05-100	SH05-150	SH05-200	SH05-240	SH05-300
Power	100W	150W	200W	240W	300W
Lumen Output	13,000lm	19,500lm	26,000lm	31,200lm	39,000lm
Dimensions without mounting accessories (mm)	L316xW297xH57	L454xW297xH57		L616xW308xH57	
Luminous Efficacy	130lm/w				
CCT	3000K   4000K   5000K   5700K   6500K				
CRI	Ra≥70 (Ra≥80 optional)				
Input Voltage	100-277 VAC; 50Hz   60Hz				
Housing Colour	Bronze				
Housing Material	Aluminum, PC				
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	E
Standard Deviation of Colour Matching	<5
Starting Time	<0.2S
Warm-up Time to 60%	<0.5S
Lumen Maintenance at e.o.l	>70%
Lifetime	L70/B10@100,000 hours



Packaging (without sensor)

Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m.)	40HC/HQ(68m.)
SH05-100	1	4.2 kg	4.8 kg	5.1 kg	L530xW370xH130 mm ≈ 0.025 m <sup>3</sup>	1,120 PCS	2,720 PCS
SH05-150	1	5.4 kg	6.2 kg	6.3 kg	L660xW370xH130 mm ≈ 0.032 m <sup>3</sup>	875 PCS	2,125 PCS
SH05-200	1	5.7 kg	6.5 kg	6.3 kg	L660xW370xH130 mm ≈ 0.032 m <sup>3</sup>	875 PCS	2,125 PCS
SH05-240	1	7.8 kg	8.8 kg	7.9 kg	L820xW370xH130 mm ≈ 0.039 m <sup>3</sup>	717 PCS	1,743 PCS
SH05-300	1	8.6 kg	9.6 kg	7.9 kg	L820xW370xH130 mm ≈ 0.039 m <sup>3</sup>	717 PCS	1,743 PCS

	<b>Daylight Sensor</b>  Model No.: SLGG Light On < 6lux; Light Off >50lux
	<b>NEMA 7 pins Socket with Blank Cover</b>  Black, when selected, it needs to be used with a dimming driver. Socket Model No.: JL-240FXA-14 Shorting Cap Model No.: JL-208
	<b>ZHAGA 4 pins Socket and Daylight Sensor</b>  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.
	<b>Surge Protection Device</b>  Surge Protection Device Model No.: SL-FLQ-P10B; 10kV   10KA SL-FLQ-P20B; 20kV   20KA
	<b>LoRa Wireless Single Light Controller</b>  Model No.: IO-RCL201 Driver: 85 to 265 VAC 50Hz 60Hz; Control: 0-10V; Wireless: LoRa
	<b>Slip Fitter</b>  Model No.: SH05-YG Pole Size: Ø60mm; Bronze
	<b>Mounting Arm (square)</b>  Model No.: SH05-KFG Bronze; Adjustable mounting angle
	<b>Mounting Arm (square)</b>  Model No.: SH05-FG Bronze; Not adjustable mounting. angle
	<b>Wall Mount</b>  Model No.: SH05-BZ Bronze



**The Lighting Practice**

**Lumexa Series**  
Engineered Illumination

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