

### FEATURES & ADVANTAGES

- ✓ **7,200 LM** max lamp lumen high brightness
- ✓ **100,000+ Hours** long LED lifespan, with professional heat dissipation design
- ✓ **25 Years** long product lifespan
- ✓ **3,000+ Cycles** life LiFePO4 batteries with inbuilt Micro-BMS technologies
- ✓ **99.9%** MPPT solar charge efficiency
- ✓ **IP68** rated controller vs. IP66 rated electrical compartment
- ✓ **5+ Days** cloudy/rainy days autonomy
- ✓ **IES Type 1~5** with professional optical designs available to match different project requirements
- ✓ **Flexible & Customized Working Modes** with timer and motion sensor by programming
- ✓ **IoT Control** and online remote monitoring as optional via ZigBee or LoRaWAN



### APPLICATIONS

- ✓ Highway lighting
- ✓ Expressway lighting
- ✓ Main/Second street lighting
- ✓ Roadway lighting
- ✓ Public Areas lighting (squares, theme parks, park lots....)



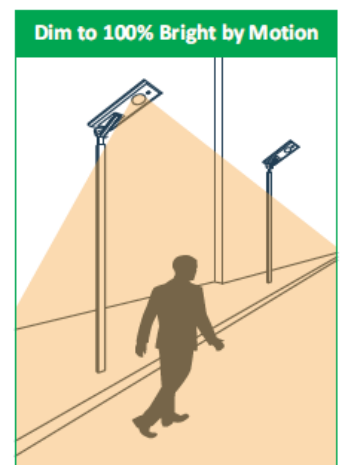
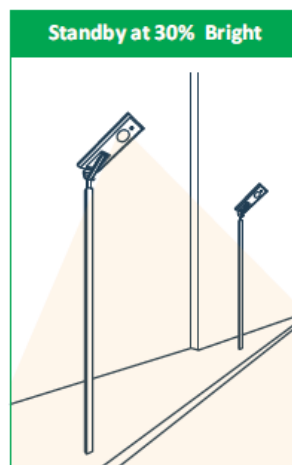
### TECHNICAL SPECIFICATIONS

LED Light Source	Rated Power	24V/ 60W (36LEDsx3 modules)
	LED Brand	PHILIPS 3030 (LED Lumen: 195lm/W)
	Lumens(LM)	6000-7200lm
	Life-span	100,000 hours
	Color Temp. (CCT)	5000K (2700~6500K Full range available)
	CRI	>70
	Viewing Angle	140° (Customized Angles & IES Types Available)
Solar Panel	Power	18V/80Wp (High Efficiency Mono PV)
	Life-span	25 years
Batteries	Capacity/Type	12.8V/36AH (406.80WH) / LiFePO4 Lithium
	Life-span	8+ years (3,000 circles @ 60% DoD)
Controller	Type	MPPT / IP68/ IoT Online Monitoring as Optional
	Sensor	Microwave Radar (PIR & Timing as optional)
Full Charge Time	By Solar	5 hours (STC: 1000W/m <sup>2</sup> , 25°C)
Discharge Time	Dim Mode	>60 hours
	Bright Mode	>12 hours
Working Temp.	-30°C ~ +80°C	
Mounting Height/Brackets	8~10 m/ Available Brackets: Post Top/ Arm/ Arm Tube/ Pole Clamps	
Space Between Lights	30~35m	
Materials	Aluminium Alloy	
Certificate	CE / ROHS / IP66/ IK08/ TÜV-SUD ISO9001/ ISO14001	
Warranty	3 years OR 5 years	

### PERFORMANCE

Power (%)	Lamp Lumens (lm)
100%	7,200
60%	4,320
50%	3,600
30%	2,160
20%	1,440

#### Dim with Radar Motion Sensor

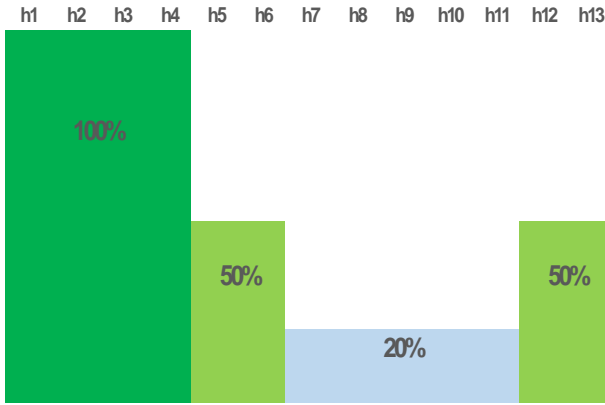


# LED SOLAR STREET LIGHT (ALL IN ONE)

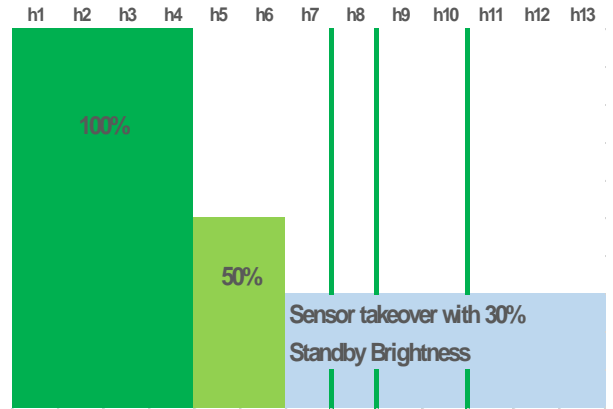
Model No. ISSL-SPR-060C

[www.esavior.cn](http://www.esavior.cn)

## Dim with Timer



## Dim with Timer+ Motion Sensor



More customized control and working modes for maximum 5 sections available by programming upon customer and project requirements.

## DIMENSIONS

Items	L (mm)	W (mm)	H (mm)	N.W. (kgs)
Light Body	1325	355	55	13.50

## PACKING INFORMATION

Items	Package	L (mm)	W (mm)	H (mm)	CBM	G.W. (kgs)
Light Body	2pcs per Carton	1370	410	175	0.098	29.10
Tube Brackets	4pcs per Carton	700	440	285	0.088	23.20
Arm Brackets	8pcs per Carton	960	540	385	0.200	47.60
PCS/40'HQ Container:	900 pcs	PCS/20' Container		380 pcs		

## FINISHED COLOR



Customized Full Range Colors Available

## ACCESSORIES

Tube/ Clamp / Arm Brackets for Pole Mounting available



PHILIPS

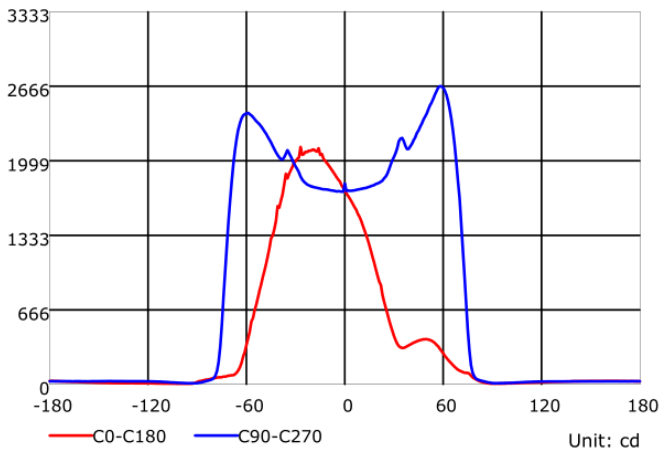
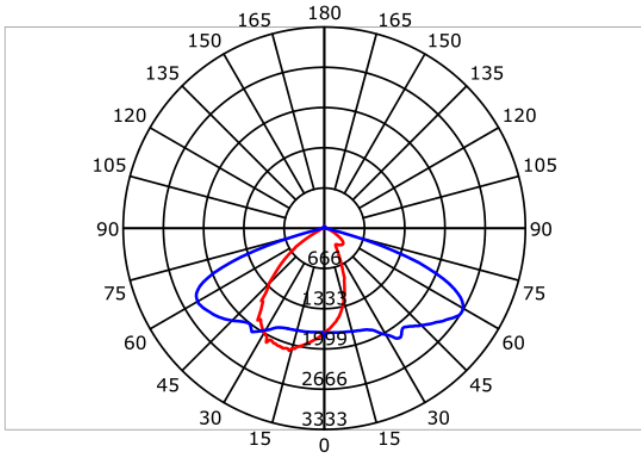


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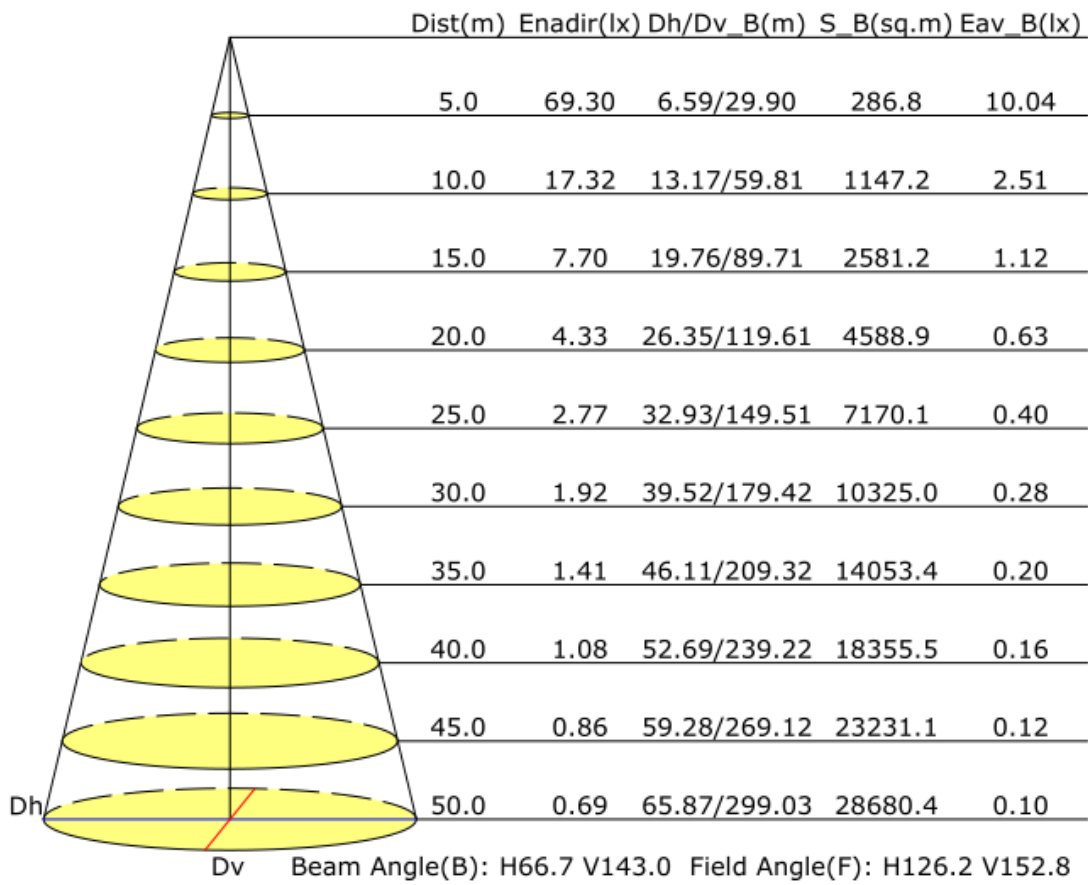
### DISTRIBUTIONS & IES TYPE

IES Type II as regular distribution, customized IES Types available upon requirements

#### Luminous Intensity Distribution Curve



#### Illuminance at a Distance



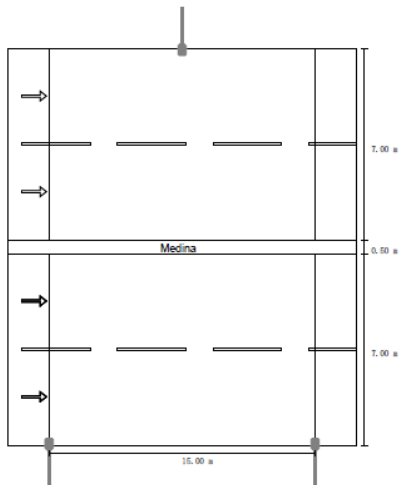
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### DIALUX SIMULATION REPORT

Street Profile(Tarmac: R3, q0: 0.070)

Pole Height :8m ; Pole Distance :30m; Road Width: 14m; Lanes: 4;

### Luminaire Arrangements



### Valuation Field Roadway / Isolines (E)

