

FEATURES & ADVANTAGES

- ✓ **6,000 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

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



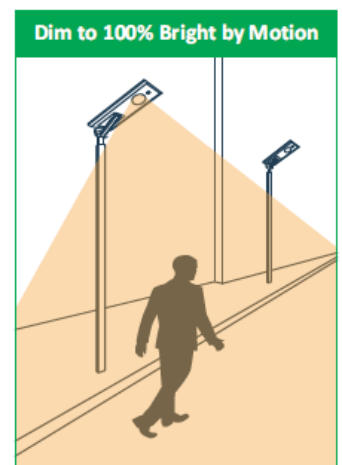
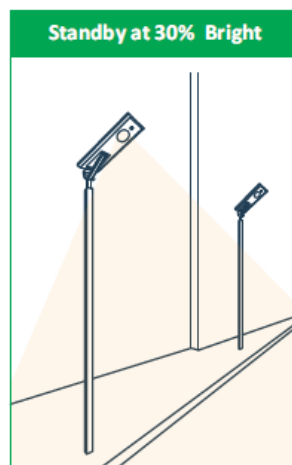
TECHNICAL SPECIFICATIONS

LED Light Source	Rated Power	12V/ 50W (36LEDsx2 modules)
	LED Brand	PHILIPS 3030 (LED Lumen: 195lm/W)
	Lumens(LM)	5000-6000lm
	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/70Wp (Monocrystalline PV)
	Life-span	25 years
Batteries	Capacity/Type	12.8V/30AH (384.00WH) / 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	6 hours (STC: 1000W/m ² , 25°C)
Discharge Time	Dim Mode	>65 hours
	Bright Mode	>13 hours
Working Temp.	-30°C ~ +80°C	
Mounting Height/Brackets	7~8 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%	6,000
60%	3,600
50%	3,000
30%	1,800
20%	1,200

Dim with Radar Motion Sensor

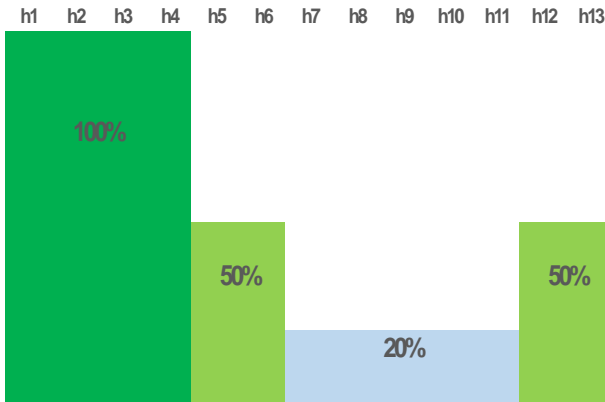


LED SOLAR STREET LIGHT (ALL IN ONE)

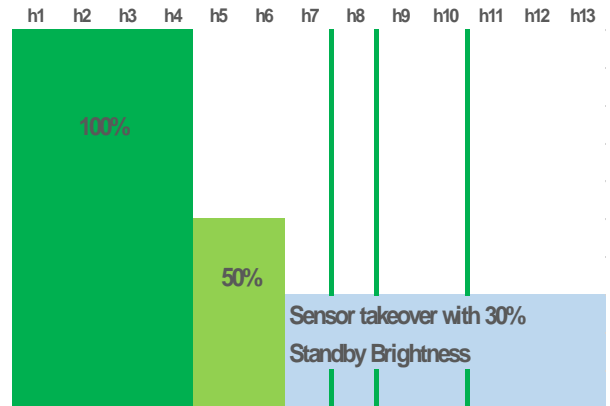
Model No. ISSL-SPR-050C

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	1090	355	55	11.30

PACKING INFORMATION

Items	Package	L (mm)	W (mm)	H (mm)	CBM	G.W. (kgs)
Light Body	2pcs per Carton	1135	410	185	0.086	25.00
Tube Brackets	4pcs per Carton	780	340	250	0.066	18.80
Clamp Brackets	8pcs per Carton	940	340	190	0.061	35.30
Arm Brackets	5pcs per Carton	940	340	190	0.061	23.60
PCS/40'HQ Container:	1160 pcs	PCS/20' Container	490 pcs			

FINISHED COLOR



ACCESSORIES

Tube/ Clamp / Arm Brackets for Pole Mounting available



PHILIPS

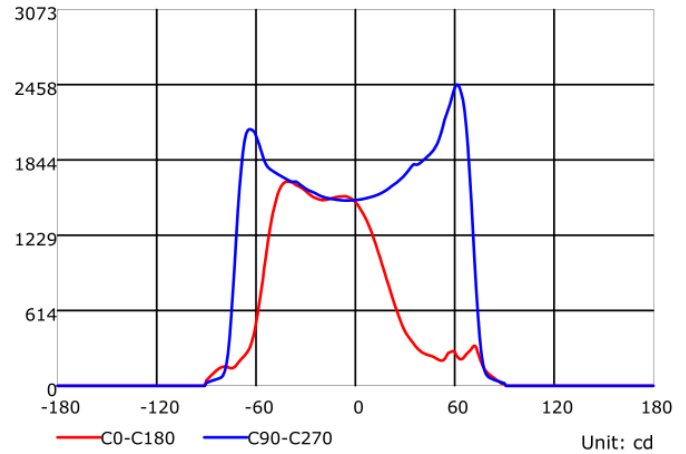
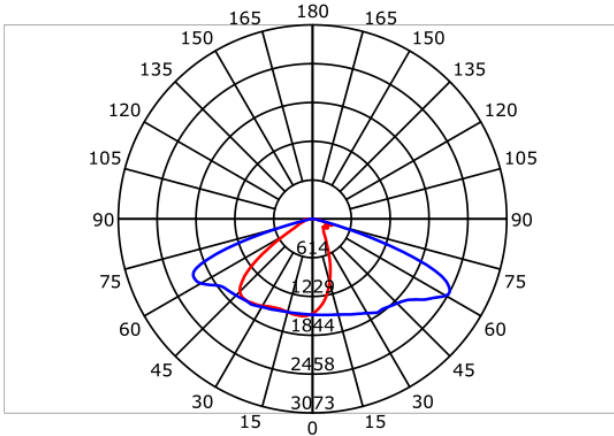


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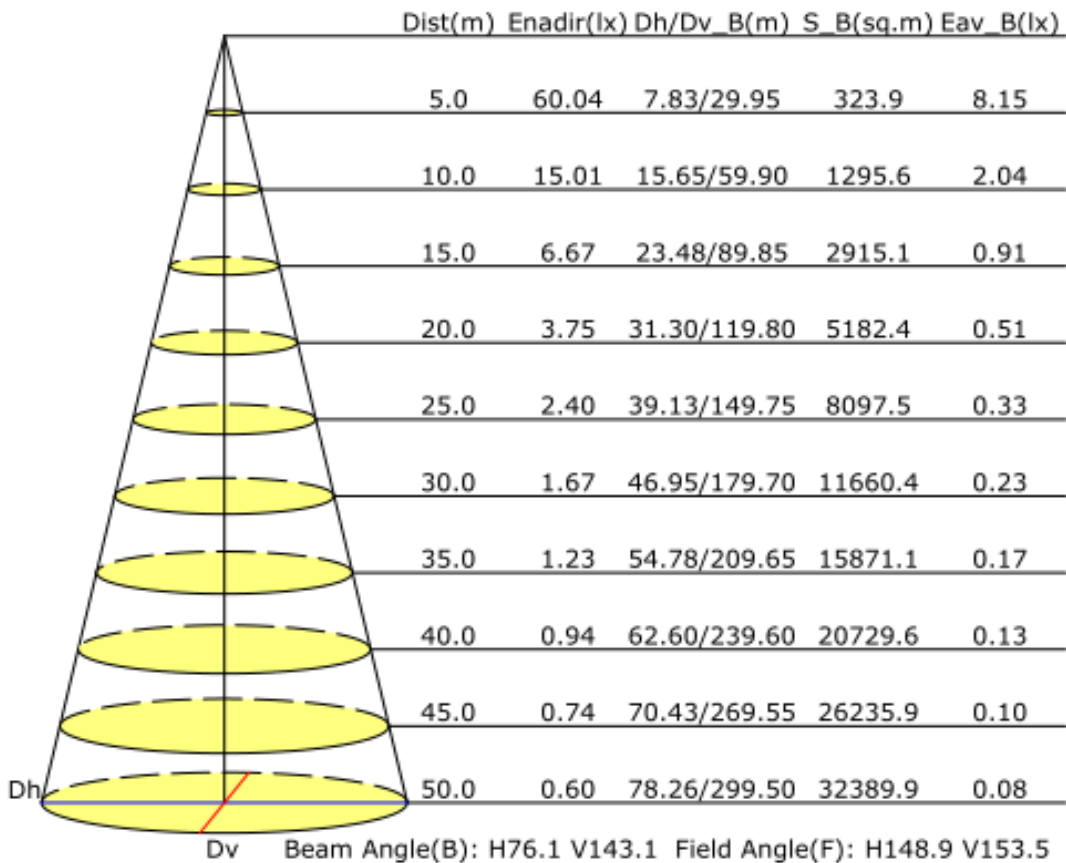
DISTRIBUTIONS & IES TYPE

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

Luminous Intensity Distribution Curve



Illuminance at a Distance



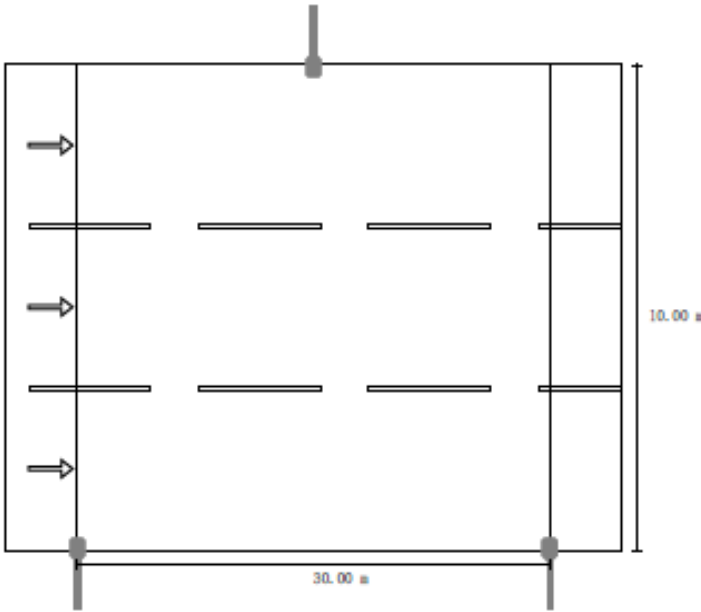
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DIALUX SIMULATION REPORT

Street Profile(Tarmac: R3, q0: 0.070)

Pole Height :7m ; Pole Distance :30m; Road Width: 10m; Lanes: 3;

Luminaire Arrangements



Valuation Field Roadway / Isolines (E)

