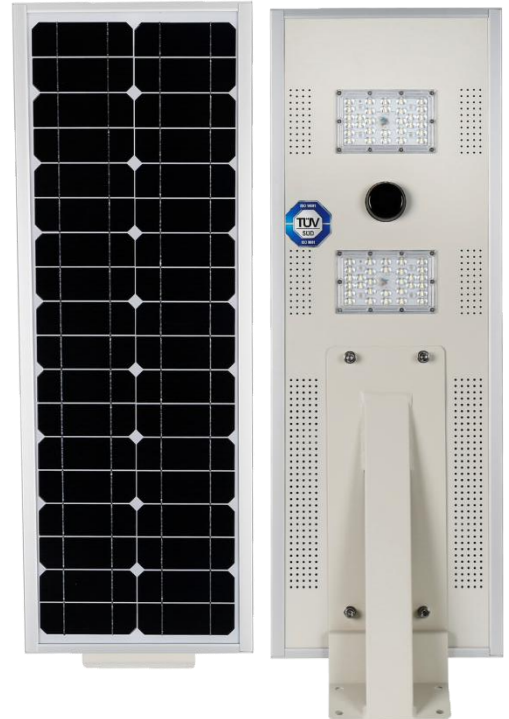


FEATURES & ADVANTAGES

- ✓ **2,400 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



APPLICATIONS

- ✓ Second road lighting
- ✓ Minor street lighting
- ✓ Roadway lighting
- ✓ Pathway lighting
- ✓ Public Areas lighting (squares, theme parks, park lots....)



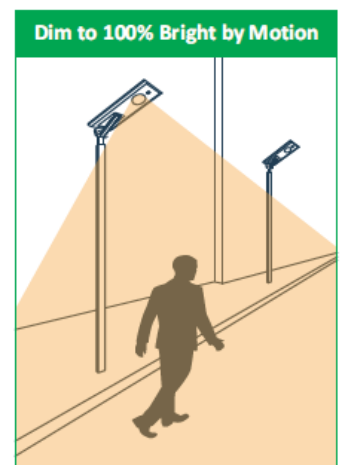
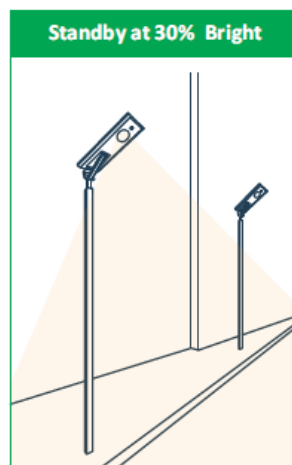
TECHNICAL SPECIFICATIONS

LED Light Source	Rated Power	12V/ 20W (30LEDs x 2 modules)
	LED Brand	PHILIPS 3030 (LED Lumen: 195lm/W)
	Lumens (LM)	2000-2400lm
	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/40Wp (Monocrystalline PV)
	Life-span	25 years
Batteries	Capacity/Type	12.8V/18AH (230.40WH) / LiFePO4 Lithium
	Life-span	8+ years (3,000 cycles @ 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	>100 hours
	Bright Mode	>20 hours
Working Temp.	-30°C ~ +80°C	
Mounting Height/Brackets	5~6 m / Available Brackets: Post Top/ Arm/ Arm Tube/ Pole Clamps	
Space Between Lights	18~20m	
Materials	Aluminium Alloy	
Certificate	CE / ROHS / IP66/ IK08/ TÜV-SUD ISO9001/ ISO14001	
Warranty	3 years OR 5 years	

PERFORMANCE

Power (%)	Lamp Lumens (lm)
100%	2,400
60%	1,440
50%	1,200
30%	720
20%	480

Dim with Radar Motion Sensor

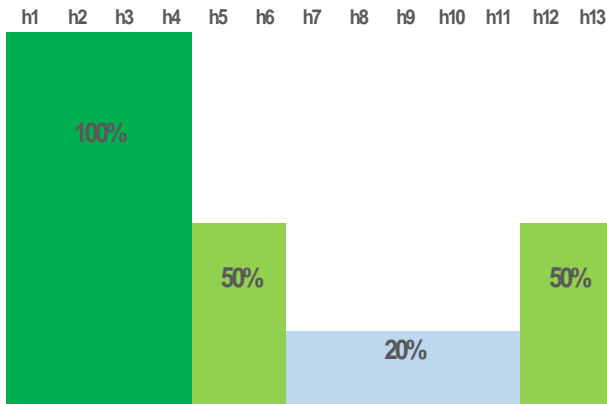


LED SOLAR STREET LIGHT (ALL IN ONE)

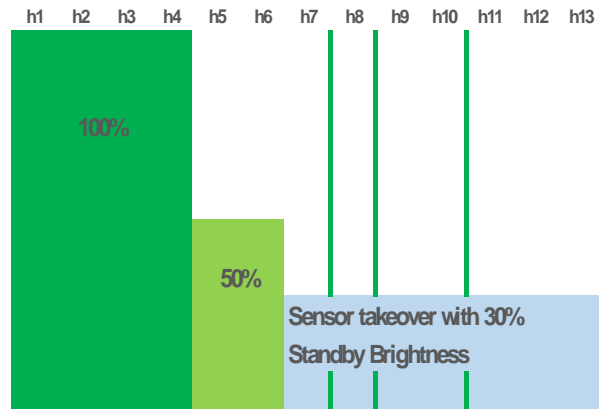
Model No. ISSL-SPR-020C

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	840	292	55	6.70

PACKING INFORMATION

Items	Package	L (mm)	W (mm)	H (mm)	CBM	G.W. (kgs)
Light Body	2pcs per Carton	875	350	175	0.054	14.70
Clamp Brackets	12pcs per Carton	510	355	330	0.060	29.20
Tube Brackets	2pcs per Carton	380	320	230	0.028	9.10
PCS/40'HQ Container:	2000 pcs	PCS/20' Container		850 pcs		

ACCESSORIES

Clamp Brackets for Wall or Pole, Arm/ Tube Brackets for Pole Mounting Available.



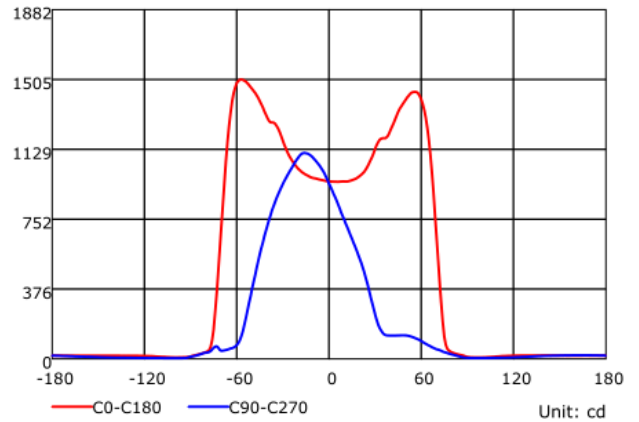
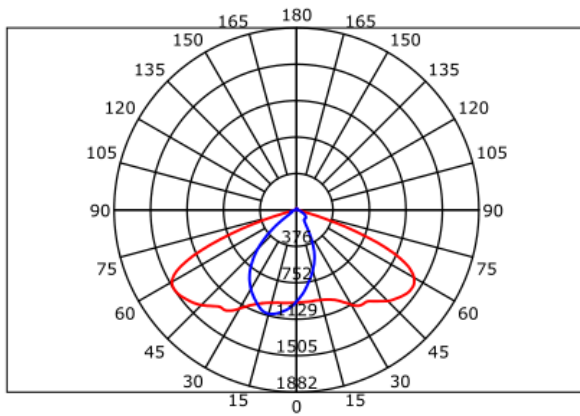
PHILIPS



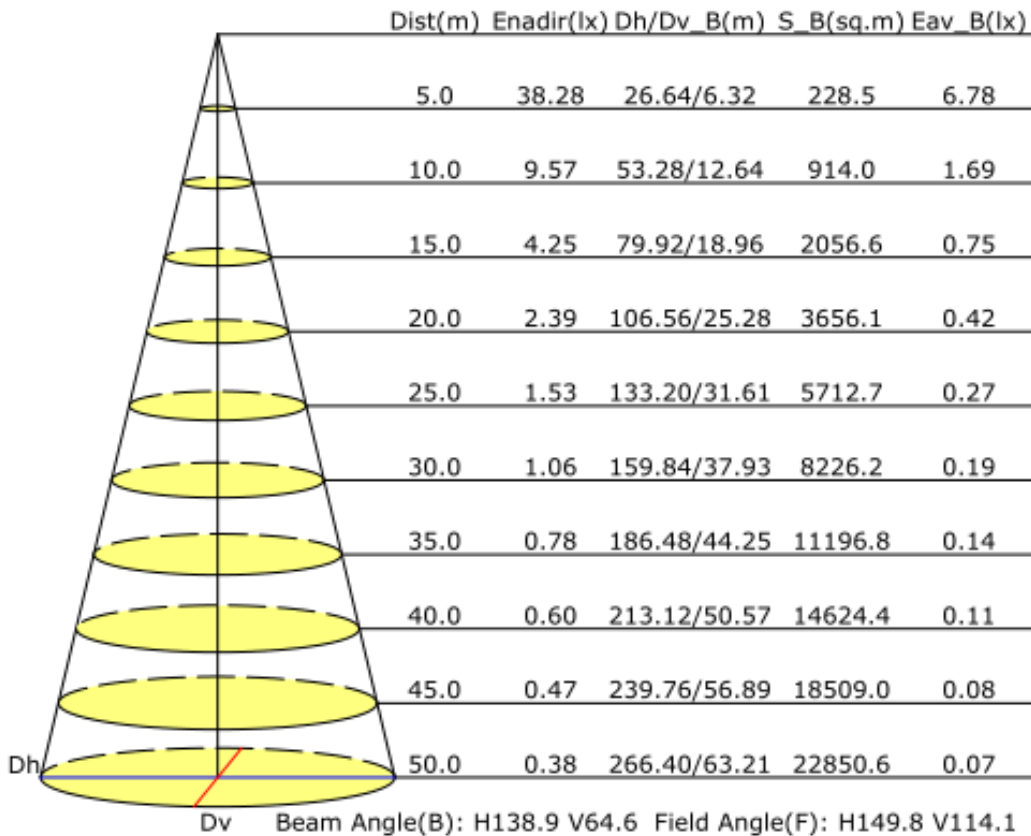
DISTRIBUTIONS & IES TYPE

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

Luminous Intensity Distribution Curve



Illuminance at a Distance



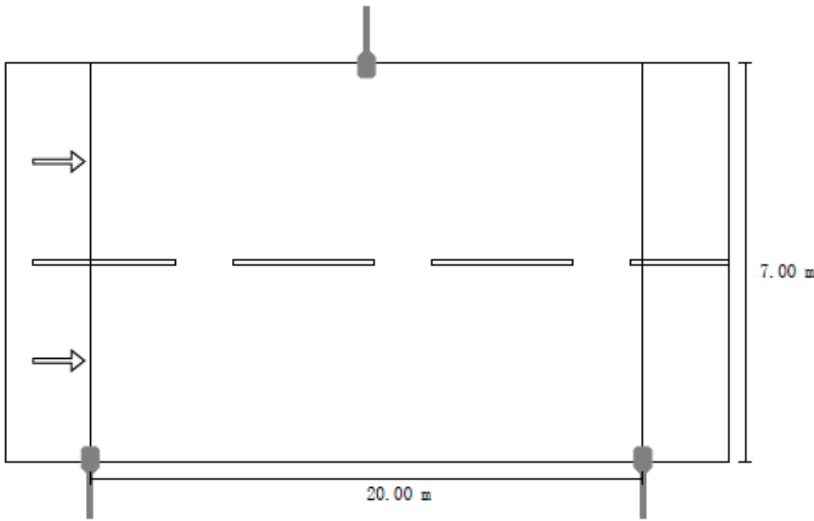
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DIALUX SIMULATION REPORT

Street Profile: (Tarmac: R3, q0: 0.070)

Pole Height :5m ; Pole Distance :20m; Road Width: 7m; Lanes: 2;

Luminaire Arrangements



Valuation Field Roadway / Isolines (E)

