LED SOLAR STREET LIGHT (ALL IN ONE)

Model No. ISSL-BRZ-10W

Esavior
Energy Savior. Save Mother Earth.
绿色能源 拯救地球

www.esavior.cn

FEATURES & ADVANTAGES

✓ **1,000 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 tracking 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
✓ Path Road lighting
✓ Roadway lighting
✓ Public Areas lighting (squares, theme parks, park lots….)

PHILIPS
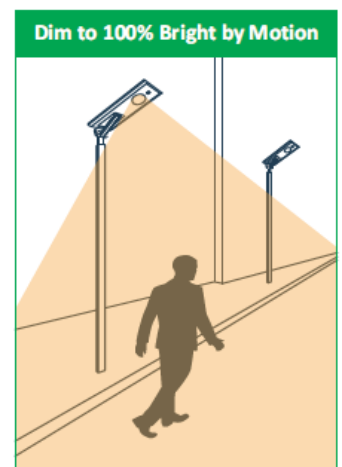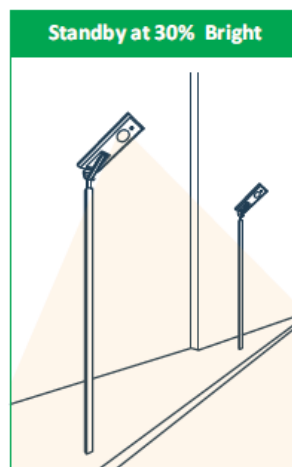
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TECHNICAL SPECIFICATIONS

LED Light Source	*Rated Power*	12V/10W (30LEDsx1 Module)
	LED Brand	PHILIPS 3030 (LED Lumen: 195lm/W)
	Lumens(LM)	900-1000lm
	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/10Wp (High Efficiency Polystalline PV)
	Life-span	25 years
Batteries	*Capacity/Type*	12.8V/6AH (76.80WH) / LiFePO4 Lithium
	Life-span	8+ years (3000 circles @60% DoD)
Controller	*Type*	MPPT / IP68/IoT Online Monitoring as Optional
	Sensor	Microwave Radar (PIR & Timing as optional)
Full Charge Time	*By Solar*	8 hours (STC: 1000W/㎡, 25℃)
Discharge Time	*Dim Mode*	>70 hours
	Bright Mode	>15 hours
Working Temp.	-30℃~+80℃	
Mounting Height/Brackets	3~4 m/ Clamp Bracket	
Space Between Lights	10～15m	
Materials	Aluminium Alloy	
Certificate	*CE / ROHS / IP66/ IK08/ TÜV-SUD ISO9001/ ISO14001*	
Warranty	3 years	

PERFROMANCE

Power (%)	Lamp Lumens (lm)
100%	1,000
60%	600
50%	500
30%	300
20%	200

Dim with Radar Motion Sensor

Standby at 30% Bright

Dim to 100% Bright by Motion

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Dim with Timer

h1 h2 h3 h4 h5 h6 h7 h8 h9 h10 h11 h12 h13

100%

50%

20%

50%
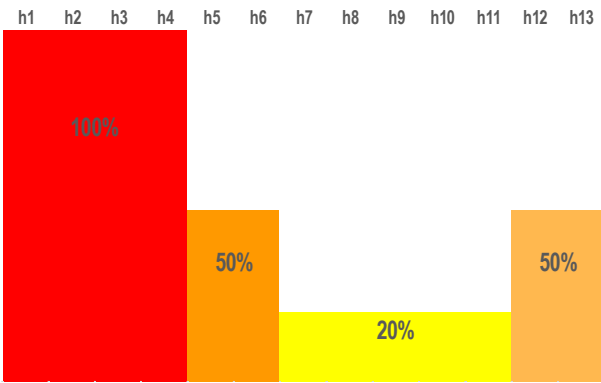
Dim with Timer+ Motion Sensor

h1 h2 h3 h4 h5 h6 h7 h8 h9 h10 h11 h12 h13

100%

50%

Sensor takeover with 30% Standby Brightness
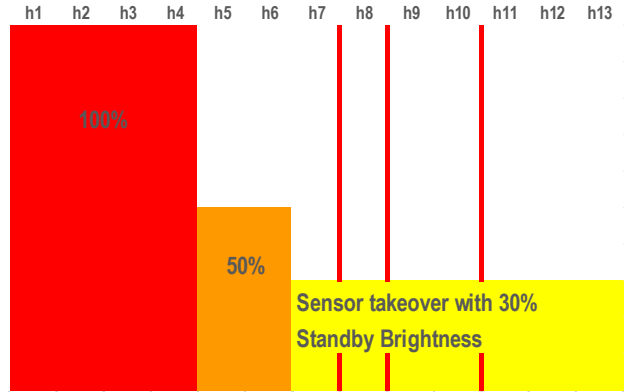
More customized control and working modes for maximum 5 sections available by programming upon customer and project requirements.

DIMENSIONS
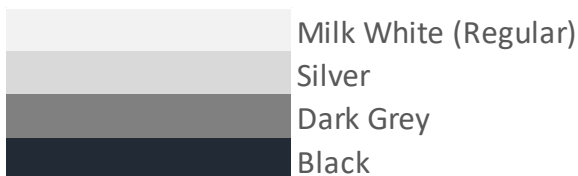
Items	L (mm)	W (mm)	H (mm)	N.W. (kgs)
Light Body	320	292	55	4.7

PACKING INFORMATION

Items	Package	L (mm)	W (mm)	H (mm)	CBM	G.W. (kgs)
Light Body&Brackets	3pcs per Carton	510	335	330	0.056	16.5

PCS/40'HQ Container:	2200 pcs	PCS/20' Container	1000 pcs

FINISHED COLOR

Milk White (Regular)
Silver
Dark Grey
Black
Customized Full Range Colors Available

ACCESSORIES

Clamp Brackets For Wall or Pole Mounting

PHILIPS   IOT TECHNOLOGY INCORPORATED   CE   RoHS   IP66   Motion Seaor Dimming   Remote Control   MPPT CHARGING   TÜV SUD ISO 9001   TÜV SUD ISO 14001