

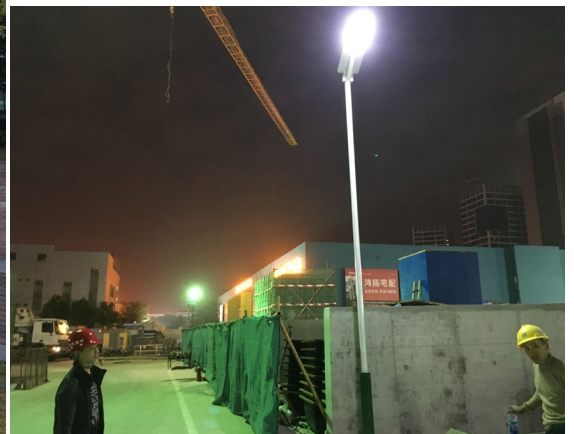
FEATURES & ADVANTAGES

- ✓ **1,500 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....)



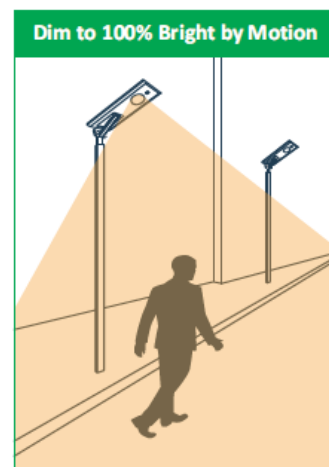
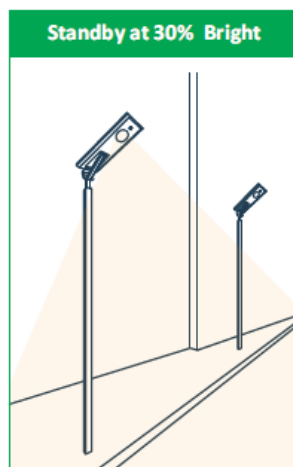
TECHNICAL SPECIFICATIONS

LED Light Source	Rated Power	12V/ 15W (30LEDsx1 module)
	LED Brand	PHILIPS 3030 (LED Lumen: 195lm/W)
	Lumens (LM)	1350-1500lm
	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/15Wp (High Efficiency Mono PV)
	Life-span	25 years
Batteries	Capacity/Type	12.8V/6AH (76.8WH) / 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	5 hours (STC: 1000W/m ² , 25°C)
Discharge Time	Dim Mode	>50hours
	Bright Mode	>10 hours
Working Temp.	-30°C~+80°C	
Mounting Height/Brackets	3~4m/ Clamp Bracket	
Space Between Lights	15~20m	
Materials	Aluminium Alloy	
Certificate	CE / ROHS / IP66/ IK08/ TÜV-SUD ISO9001/ ISO14001	
Warranty	3 years	

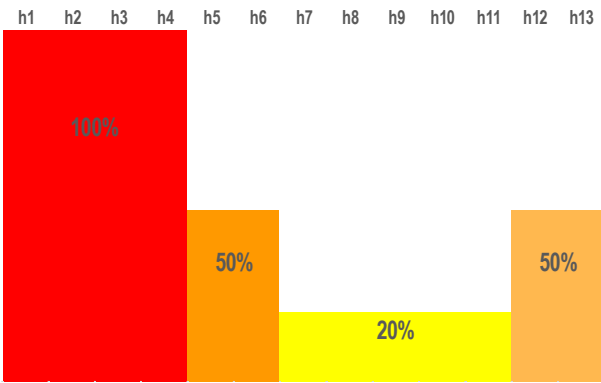
PERFORMANCE

Power (%)	Lamp Lumens (lm)
100%	1,500
60%	900
50%	1,000
30%	750
20%	300

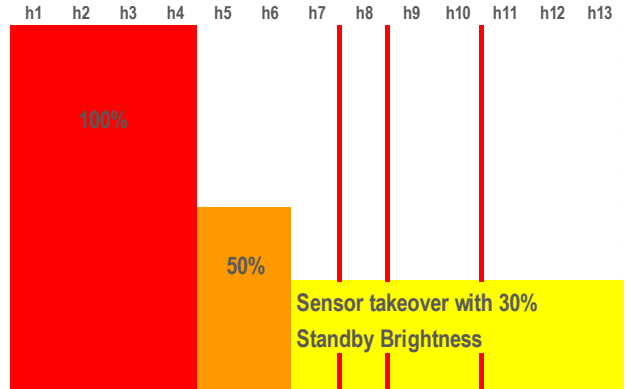
Dim with Radar Motion Sensor



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	420	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



ACCESSORIES

Clamp Brackets For Wall or Pole Mounting

