






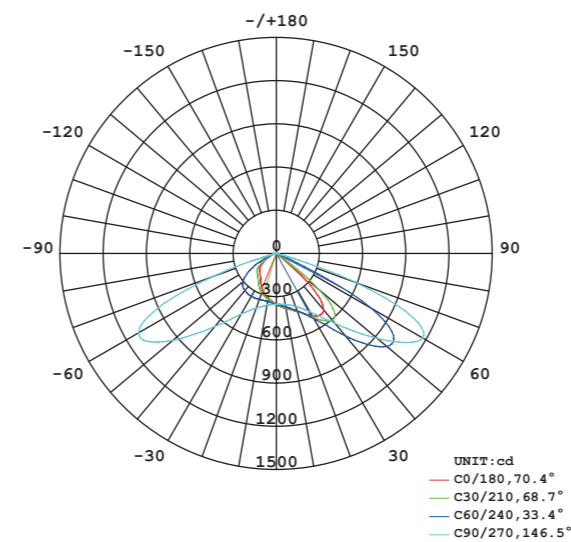
Solar Flyhorse Light

- 
Unique Integration Design
 Easy to transport, install and maintain
- 
Rotating Solar Panel
 Solar Panel can be adjusted in vertical and horizontal direction
- 
Charge and Discharge Management
 Protect battery by software and hardware, supporting battery charge at 0v
- 
Light Efficiency Management
 Patent led chip with high efficiency, the whole system lighting efficiency has been improved to 180lm/w
- 
Patent Bat-wing Lens
 Lighting area much wider, the maximum of using the lighting all light the road, increase the installation distance to 50m

Parameter

Type	RS-FH100	RS-FH120	RS-FH150
Lamp power	30W	40W	50W
Solar panel	100W/18V	120W/18V	150W/18V
Lithium battery	380WH/12.8V	465WH/12.8V	549WH/12.8V
Luminous flux	5800-6100lm	7500-7700lm	9100-9300lm
LED qty	154pcs		
LED chip	Bridgelux		
Color temperature	6000K		
CRI	≥70Ra		
Light control voltage	5V		
Light distribution	Batwing lens with polarized light		
Lighting time	3-4days		
Sensor distance	5-10m		
Working temperature	-20°C~60°C		
Pole top diameter	80mm		
Mounting height	7-12m		
Installation spacing	20-40m		

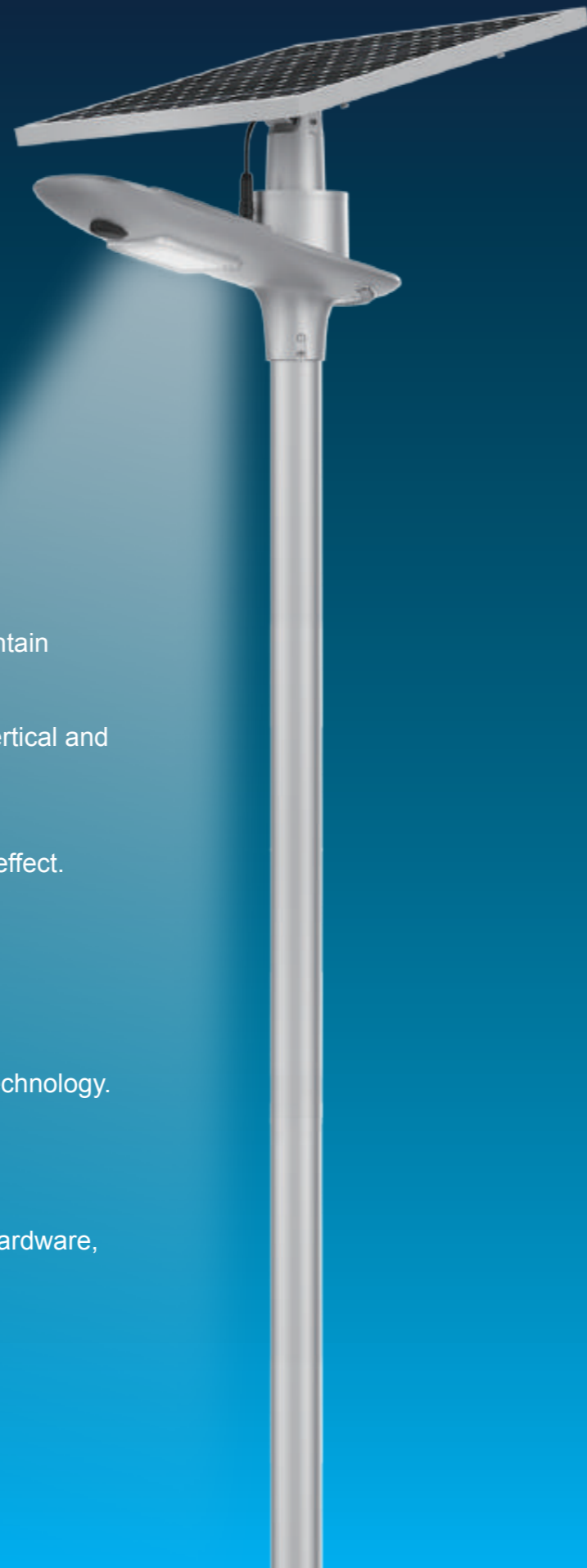
Luminous intensity distribution curves





AVERAGE BEAM ANGLE(50%): 95.3°

Feature

- "Flyhorse" shape cover, a new star in the solar street light market.
- Aluminum light body, zinc plated, anti-rust corrosion.
- Less screws on the face of light, easy to install.
- There are three indication lights on the head of light, easy to check lighting situation.
- IP65 waterproof, 3 years warranty.
- MPPT technology, the conversion efficiency of solar system can be fully increased, effectively shorten the 20% charge tim.
- More brighter lighting, last longer rainy days, lighting on ground is more uniform.



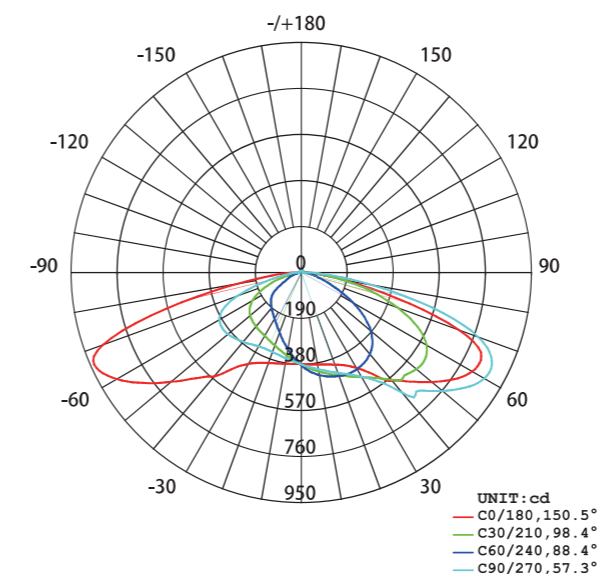
Solar Sailing Light

-  Unique Integration Design
Easy to transport, install and maintain
-  Rotating Solar Panel
Solar Panel can be adjusted in vertical and horizontal direction
-  Microwave Motion Sensor
Radar controlled, called Doppler effect.
More intelligent, energy-saving
-  Control Mode Management
6 work modes for choice
-  Battery program Updated
Embedded single string control technology.
More stable and longer lifespan.
-  Charge and Discharge Management
Protect battery by software and hardware,
supporting battery charge at 0v
-  Precise Installation
Embed compass in the light body

Parameter

Type	RS-SL50-C	RS-SL65-C	RS-SL80-C
Lamp power	10W	15W	20W
Solar panel	50W/5V	65W/5V	80W/18V
Lithium battery	138WH/3.7V	166WH/3.7V	275WH/11.1V
Luminous flux	1700-1800lm	2500-2700lm	3300-3600lm
LED qty	36pcs		
Charge time(full sunlight)	5hrs		
Color temperature	3000-6500K		
CRI	≥70Ra		
Light control voltage	1V		
Light distribution	Batwing lens with polarized light		
Lighting time	2-3days		
Sensor distance	5-10m		
Sensor time	20-30s		
Working temperature	-20°C~60°C		
Pole top diameter	60mm		
Mounting height	4-6m		
Installation spacing	10-20m		

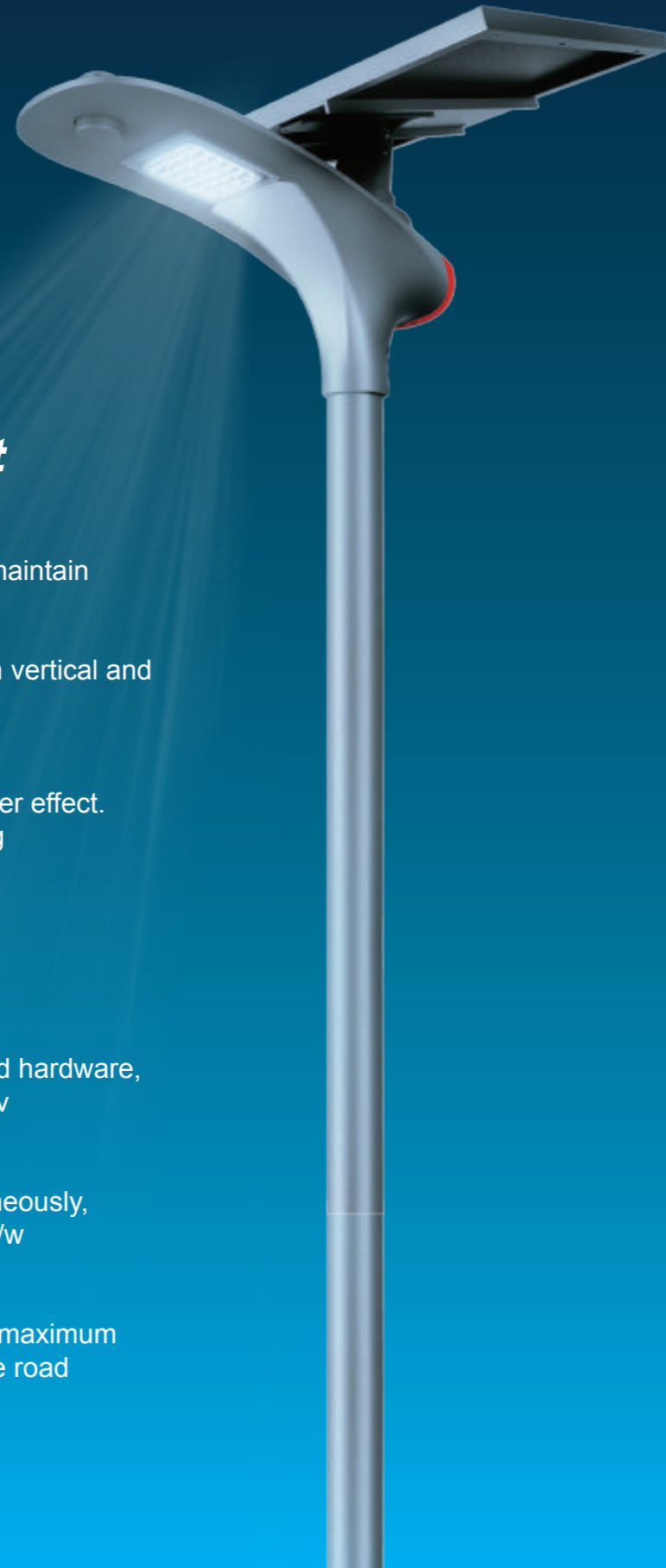
Luminous intensity distribution curves










AVERAGE BEAM ANGLE (50%) : 98.7 DEG

Feature

- "Sailing boat" shape light system, modern and fashion appearance.
- Aluminum light body, zinc plated anti-rust corrosion.
- Perfect structure design, no screw at the face of light.
- There are three indication lights on the head of light, easy to check lighting situation.
- Compass built-in light body, easy to install solar panel's angle correctly.
- IP65 waterproof, 2 years warranty.



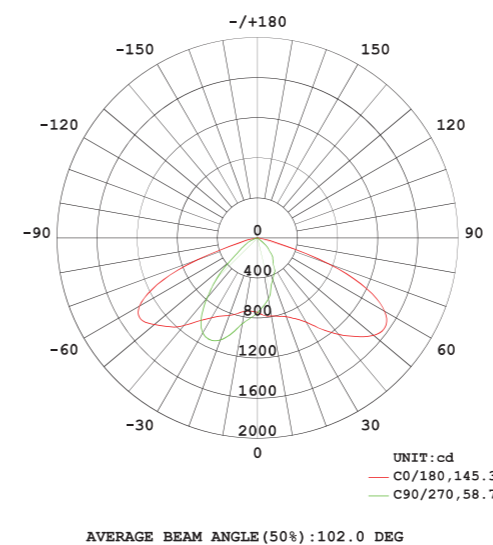
Solar Flybird Light

- 
Unique Integration Design
 Easy to transport, install and maintain
- 
Rotating Solar Panel
 Solar Panel can be adjusted in vertical and horizontal direction
- 
Microwave Motion Sensor
 Radar controlled, called Doppler effect. More intelligent, energy-saving
- 
Control Mode Management
 6 work modes for choice
- 
Charge and Discharge Management
 Protect battery by software and hardware, supporting battery charge at 0v
- 
Light Efficiency Management
 Multiple led chip work simultaneously, light efficiency could be 210lm/w
- 
Patent Bat-wing Lens
 Lighting area much wider, the maximum of using the lighting all light the road

Parameter

Type	RS-FB-50	RS-FB65-C	RS-FB80-C
Lamp power	15W	15W	20W
Solar panel	50W/18V	65W/18V	80W/18V
Lithium battery	170WH/12.8V	195WH/11.1V	275WH/11.1V
LED qty	24pcs	24pcs	24pcs
Luminous flux	2260lm	2260lm	3000lm
Charge time(full sunlight)	5.5hrs	5.5hrs	5.5hrs
LED chip	Bridgelux		
Color temperature	3000-6500K		
CRI	≥70Ra		
Light control voltage	5V		
Light distribution	Batwing lens with polarized light		
Lighting time	2-3days		
Sensor distance	5-10m		
Sensor time	20-30s		
Working temperature	-20°C~60°C		
Pole top diameter	60mm		
Mounting height	5-6m		
Installation spacing	10-20m		

Luminous intensity distribution curves










Feature

- "Flybird" shape light body, modern and fashionable appearance.
- Aluminum light body, zinc plated anti-rust corrosion.
- Perfect structure design, no screws at the face of light.
- Decorating function with aesthetic design at the back of light, 6 colors switch by turn.
- There are three indication lights on the head of light, easy to check lighting situation.
- IP65 waterproof, 2-3 years warranty.



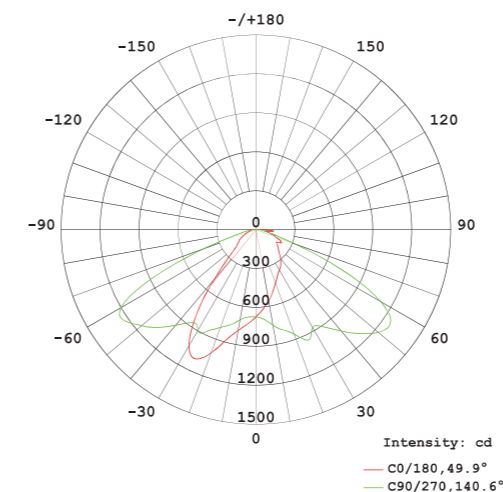
Solar Nighthawk Light

- 
Unique Integration Design
 Easy to transport, install and maintain
- 
Rotating Solar Panel
 Solar Panel can be adjusted in vertical and horizontal direction
- 
Microwave Motion Sensor
 Radar controlled, called Doppler effect. More intelligent, energy-saving
- 
Control Mode Management
 6 work modes for choice
- 
Charge and Discharge Management
 Protect battery by software and hardware, supporting battery charge at 0v
- 
Light Efficiency Management
 Patent led chip with high efficiency, up to 160lm/w
- 
Patent Bat-wing Lens
 Lighting area much wider, the maximum of using the lighting all light the road

Parameter

Type	SC-NH50	SC-NH65	SC-NH80	SC-NH100	SC-NH150-C	SC-NH200-C
Lamp power	15W	20W	30W	40W	50W	60W
Solar panel	50W/18V	65W/18V	80W/18V	100W/18V	150W/18V	200W/18V
Lithium battery	170WH/12.8V	212WH/12.8V	340WH/12.8V	424WH/12.8V	610WH/11.1V	808WH/22.2V
LED qty	40pcs	40pcs	60pcs	60pcs	60pcs	60pcs
Luminous flux	1800-2100lm	2500-2800lm	3600-4200lm	5000-5600lm	7200-7500lm	8400-9600lm
Charge time (full sunlight)	5.5hrs	5.5hrs	7hrs	7hrs	6.5hrs	6.5hrs
LED chip	Bridgelux					
Color temperature	3000-6500K					
CRI	≥70Ra					
Light control voltage	5V					
Light distribution	Batwing lens with polarized light					
Lighting time	2-3days					
Sensor distance	5-10m			/		
Sensor time	20-30s			/		
Working temperature	-20°C~60°C					
Pole top diameter	70mm					
Mounting height	5-10m			7-12m		
Installation spacing	10-20m			20-30m		

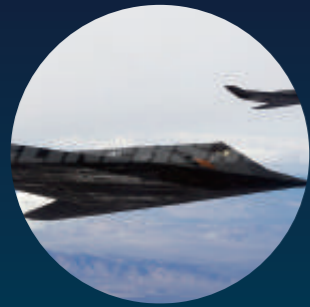
Luminous intensity distribution curves











Average Beam Angle (50%) : 95.3°

Feature

- "Nighthawk" shape cover, super star in the solar street light market.
- Aluminum light body, zinc plated, anti-rust corrosion.
- Less screws on the face of light, easy to install.
- There are three indication lights on the head of light, easy to check lighting situation.
- IP65 waterproof, 2-3 years warranty.
- Patent batwing lens with polarized light customized designed for nighthawk light.



Solar Nighthawk Light with Security IP Camera

- 
Unique Integration Design
 Easy to transport, install and maintain
- 
Rotating Solar Panel
 Solar Panel can be adjusted in vertical and horizontal direction
- 
Charge and Discharge Management
 Protect battery by software and hardware, supporting battery charge at 0v
- 
Light Efficiency Management
 Patent led chip with high efficiency, up to 160lm/w
- 
Microwave Motion Sensor
 Radar controlled, called Doppler effect. More intelligent, energy-saving
- 
Control Mode Management
 6 work modes for choice
- 
Patent Bat-wing Lens
 Lighting area much wider, the maximum of using the lighting all light the road
- 
Monitoring Management
 Achieved video monitoring function, building safe village.

Technical parameter of security IP camera

Items		Parameters
System voltage		12V
Output power		2W
Effective pixels		2.1 million effective pixels , 1920*1080
SNR		≥ 50db(AGC OFF)
DR		≥ 100db
Lianr	Interface type	CS/C
	Shot	Automatic diaphragm (DC drive)
	Focal length	2.8mm (2.5mm ,3.6mm, 4mm, 6mm, for options)
Resolution ratio	Main code stream	1920*1080 , 1-25(30) frame/s
		1280*720 , 1-25(30) frame/s
Video coding		H.264 BP/MP/HP coding/MJPEG coding
Memory interface		Support SD2.0 standard Micro SD (TF) card, maximum capacity of 256GB
Data storage		Video, picture files
Storage mechanism		Manual, automatic, (circulation, timing, alarm switching, mobile detection)
Storage traffic	4Mbit/s code rate	256GB Support recording 7 days
	2Mbit/s code rate	128GB Support recording 7 days
	1Mbit/s code rate	64GB Support recording 7 days
Third-party agreement		Support ONVIF / GB28181
Function module		WIFI wireless module
Working temperature		- 40°C - +55°C
Waterproofing grade		IP65
Mounting height		3-4m

Note:








1. This system do not include memory card and router.
2. Recommend brand of memory card is samgsung or kingston.
3. Advised size of router above 300m.

Parameter

Model	Solar panel	Lithium battery	Luminous flux	Light output	Install height
SC-NH80-S1	80W/18V	340WH/12.8V	2500-2800lm	20W	4-6m



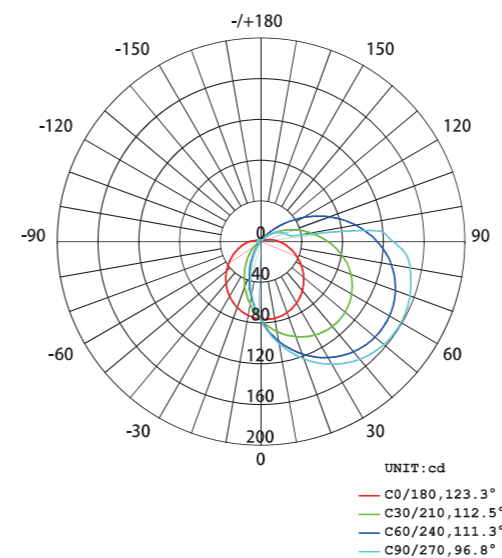
Solar Butterfly Light

-  Unique Integration Design
Easy to transport, install and maintain
-  Rotating Solar Panel
Solar Panel can be adjusted in vertical and horizontal direction
-  Microwave Motion Sensor
Radar controlled, called Doppler effect.
More intelligent, energy-saving
-  Charge and Discharge Management
Protect battery by software and hardware,
supporting battery charge at 0v
-  Fashionable Design
Aesthetic shell and construction design
-  LiFePO4 Lithium Battery
2000times cycle charge and discharge,
8 years lifespan
-  Entertainment Management
Achieved blue-tooth music play function

Parameter

Type	RS-BF25-BA	RS-BF40-BA
Lamp power	6W	8W
Solar panel	25W/5V	40W/4.5V
Lithium battery	95WH/3.2V	116WH/3.2V
LED qty	20pcs	24pcs
Luminous flux	900-1200lm	1200-1400lm
Charge time(full sunlight)	4.5hrs	
Color temperature	3000-6500K	
CRI	≥70Ra	
Light control voltage	1V	
Lighting time	2-3days	
Working temperature	-20°C~60°C	
Pole top diameter	60mm	
Mounting height	3-6m	
Installation spacing	8-10m	

Luminous intensity distribution curves



Feature

- "Cocoon" shape shell, creative appearance, means beautiful metamorphosis of the cocoon into a butterfly.
- Aluminum light body, zinc plated, anti-rust corrosion.
- Several installation ways, can be installed on wall or pole directly.
- Smart play function of bluetooth audio playback.
- Short-distance networking to achieve music transmission play and microphone play.
- IP65 waterproof, 3years warranty.



Solar Moon Light



Unique Integration Design
Easy to transport, install and maintain



Rotating Solar Panel
Solar Panel can be adjusted in vertical and horizontal direction



Power control
Judge recent climate to plan the reasonable discharge power



Microwave Motion Sensor
Radar controlled, called Doppler effect.
More intelligent, energy-saving



Control Mode Management
6 work modes for choice



LiFePO4 Lithium Battery
2000times cycle charge and discharge,
8 years lifespan

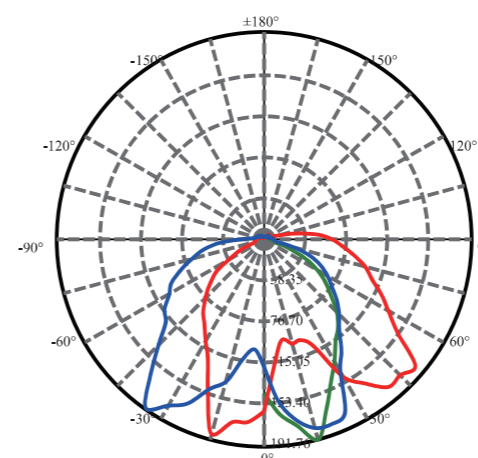


Fashionable Design
Moon light shape design, beautiful and fashionable.

Parameter

Type	SC-ML-R12	SC-ML-R25	SC-ML-R40
Lamp power	4W	8W	12W
Solar panel	12W/5V	25W/5V	40W/13.5V
Lithium battery	10AH/3.2V	20AH/3.2V	10AH/9.6V
LED qty	6pcs	6pcs	12pcs
Luminous flux	600-720lm	1200-1440lm	1500-1800lm
Charge time(full sunlight)	4hrs		
LED chip	Bridgelux		
Color temperature	3000-6500K		
CRI	≥70Ra		
Light control voltage	1V		
Lighting time	2-3days		
Illumination (stand by)	30%		
Sensor distance	5-10m		
Sensor time	20s		
Working temperature	-20°C~60°C		
Mounting height	3-6m		
Installation spacing	8-10m		

Luminous intensity distribution curves



Feature

- "Moon" shape shell, modern and fashion appearance.
- PMMA strip cover, 95% high light transmittance, soft lighting for eyes.
- Aluminum light body, zinc plated, anti-rust corrosion.
- Several installation ways, can be installed on wall or pole directly.
- IP65 waterproof, 3 years warranty.