



Solar street lamp ShootingStar

Come from nature, Light up the future



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01

Integrated Structure Design



ShootingStar 20



ShootingStar 30



ShootingStar 40



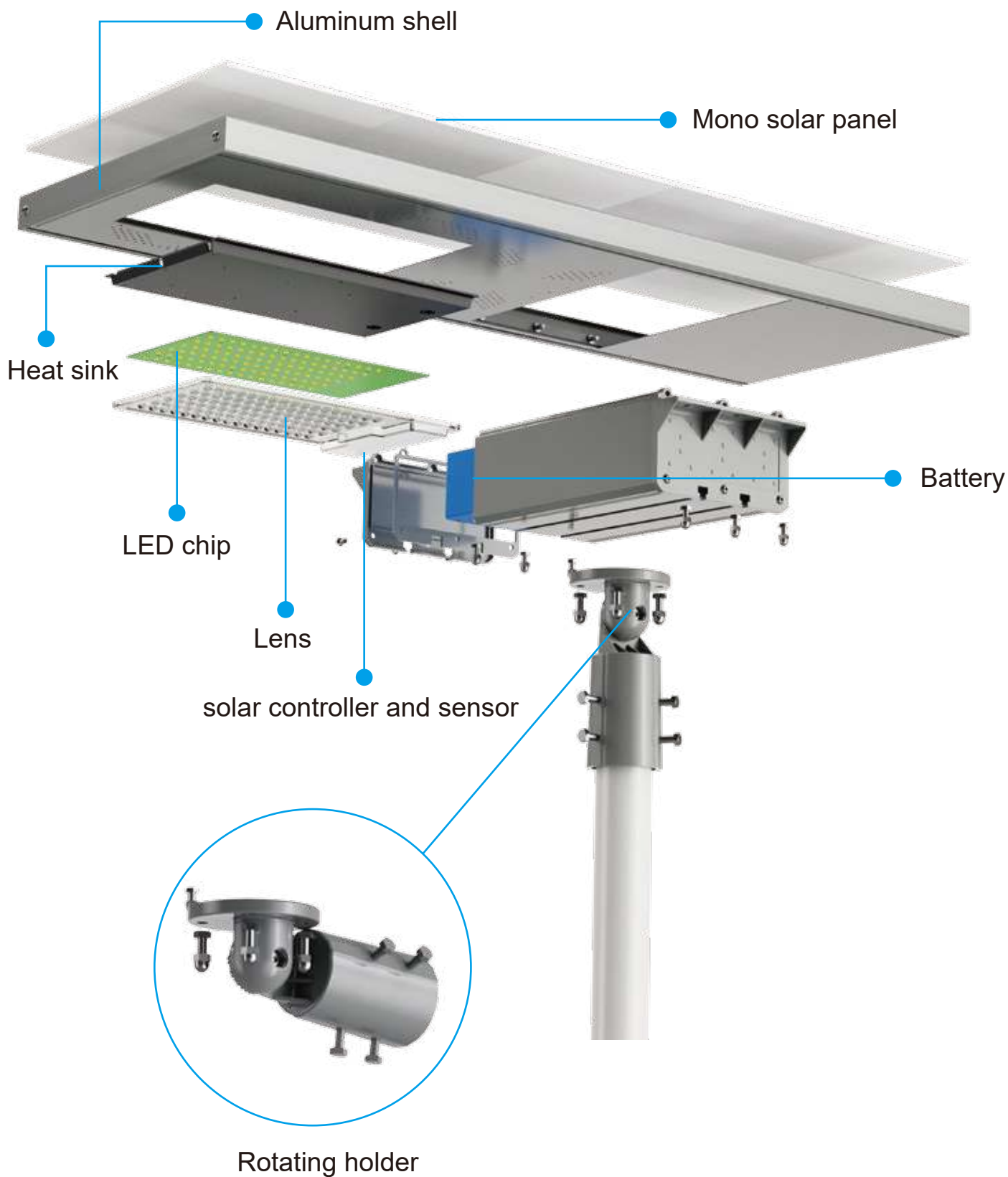
ShootingStar 20
Lumens: 2600LM
LED power: 20W



ShootingStar 30
Lumens: 3900LM
LED power: 30W

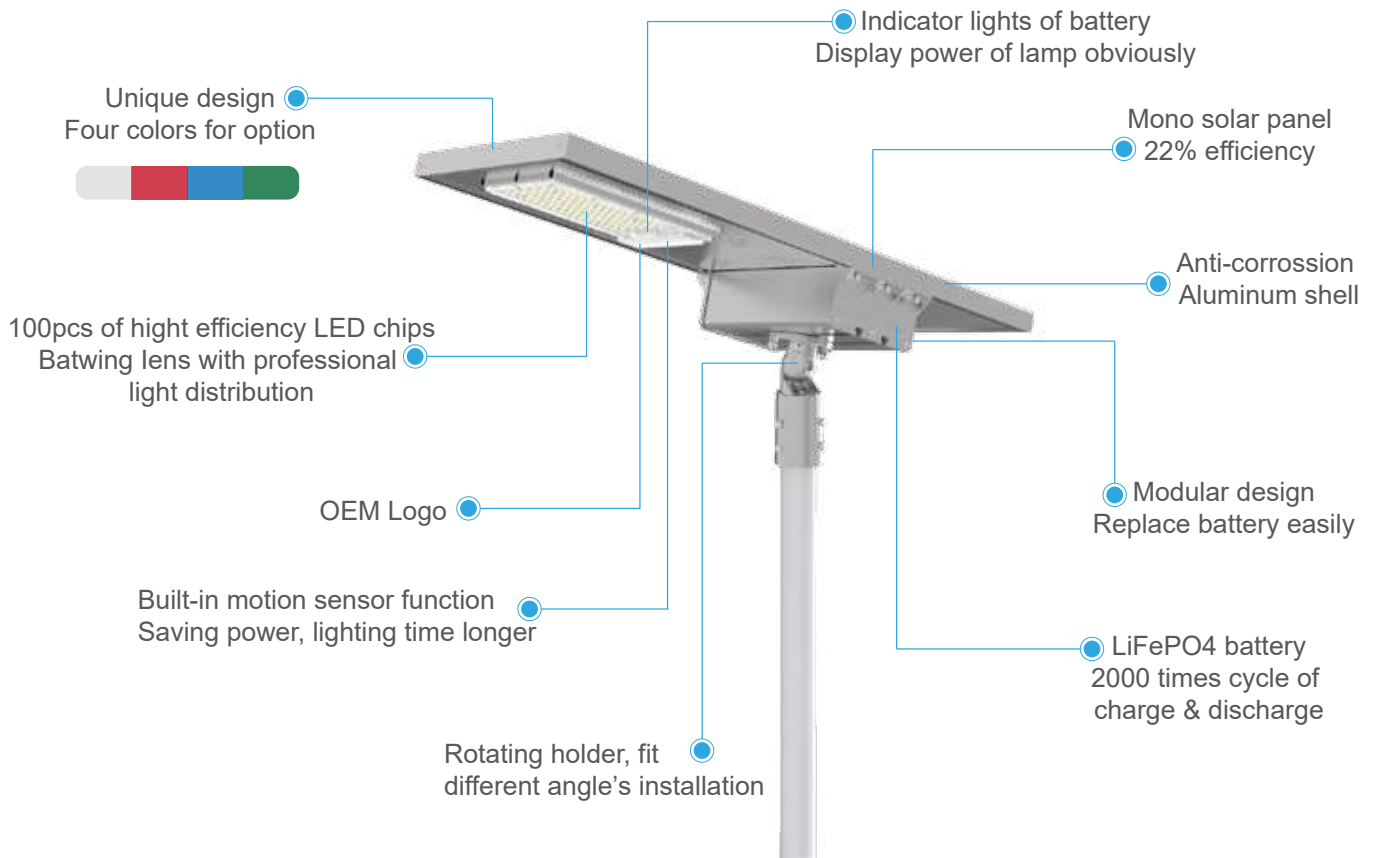


ShootingStar 40
Lumens: 5200LM
LED power: 40W



02

Advantage



03

Feature Technologies



Patented appearance

Integrated design of solar panel, microcomputer controller, lithium battery and high-efficiency LED light source



Modular design

Modular design of battery and LED chip, transportation, installation and maintenance are more economical and simple



Proprietary control system

Road Smart self-developed solar controller can adjust different working modes freely, unique control system with more functions, stability is more stronger; Option of microwave induction function to save power and have longer lighting time



The fourth generation of intelligent power control

Upgraded intelligent power control function to regulate reasonable discharge power according to intelligent judgment of recent weather conditions, support longer lighting time and more rainy days



Intelligent high-efficiency lamp chips

100pcs of 3030 lamp chips, optimized brightness, the whole lighting efficiency is greater than 160lm/w



Intelligent charge and discharge management

Double protection of charging and discharging by software and hardware, and intelligent equalization technology, cycle charging and discharging more than 2000 times



Professional light distribution design

Equipped with patented lens to make the irradiation area more uniform



Indicator lights of battery capacity

Indicator lights of battery capacity display the power of the lamp obviously, which is convenient to observe the charging and discharging of the lamp



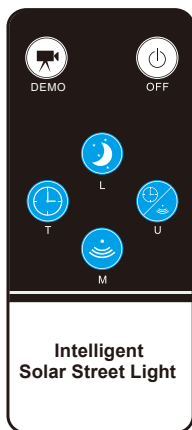
Rotating angle design

The illumination area and angle of light can be adjusted reasonably according to the width of the road

04

Working Modes

◆ 6 working modes



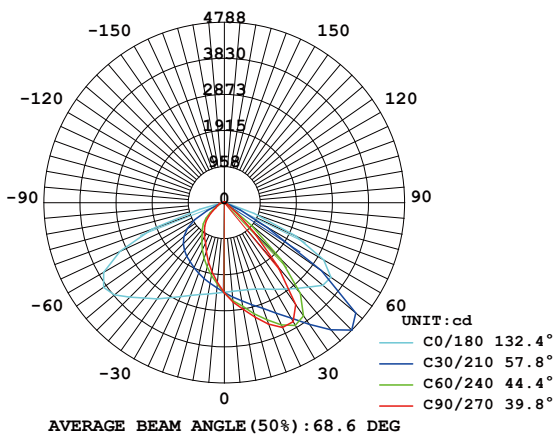
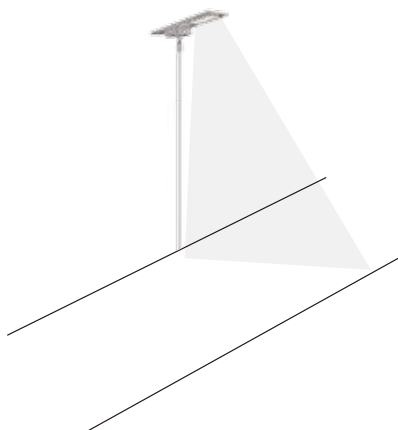
- DEMO:** No matter day or night, light "on" for 1 minute. Only for test use.
- OFF:** Light "off", no matter day or night.
- L:** At night, 100%-2hrs, 70%-2hrs, 30%-dawn.
- T:** At night, 100%-1hr, 70%-2hrs, 40%-3hrs.
- M:** At night, 50%-1hr, 100%-3hrs, 30%-dawn.
- U:** 100%-1hr, 70%-3hrs, 50% light when people come, 20% standby after 20 seconds.

Note: Default is L mode, once a certain mode was set successfully, it will be reserved until you change other modes with remote control.

05

Light Distribution

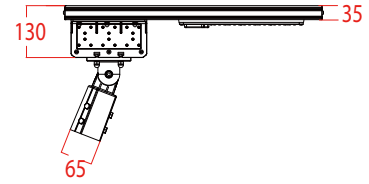
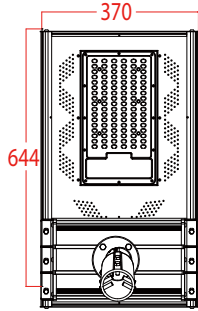
◆ Luminous intensity distribution curves.



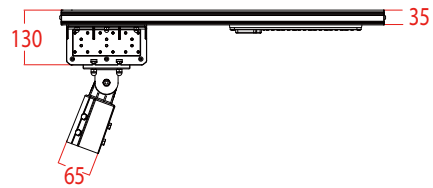
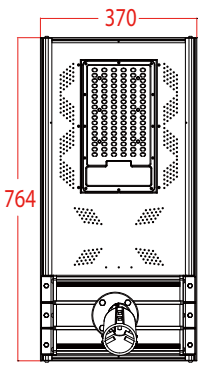
06

Dimension

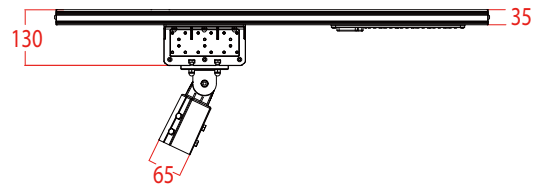
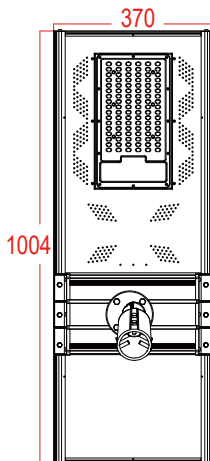
◆ ShootingStar 20



◆ ShootingStar 30

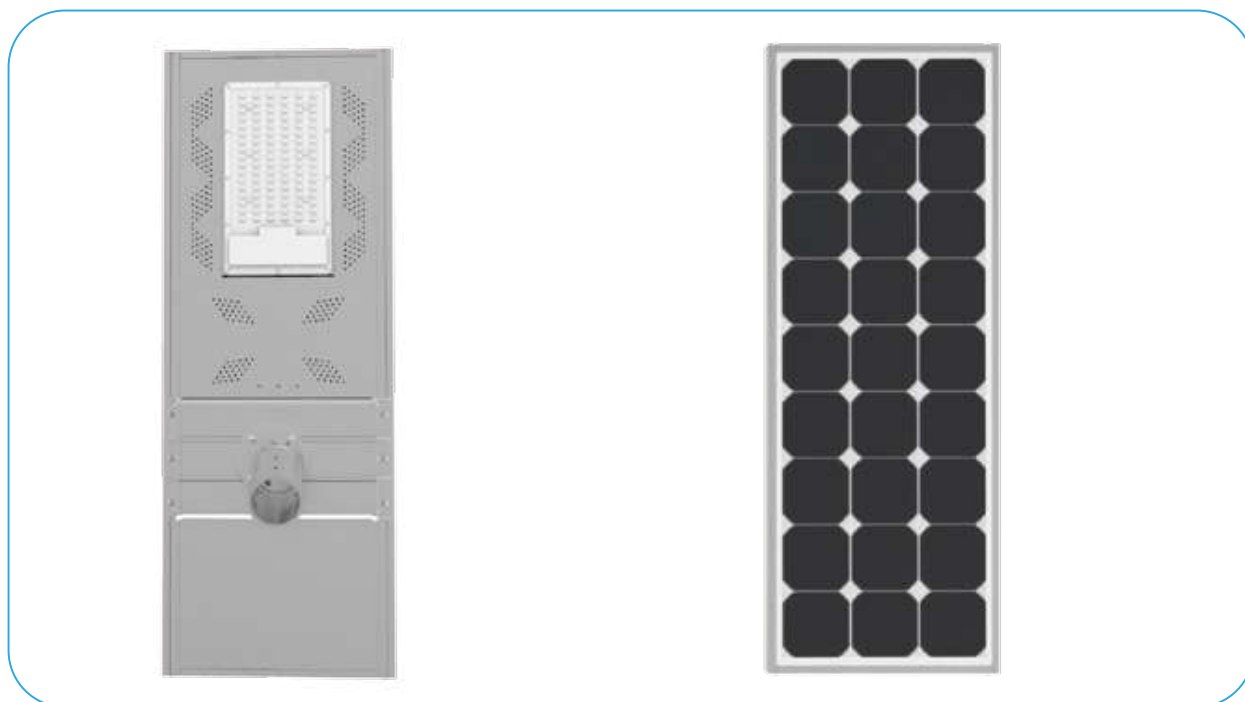


◆ ShootingStar 40



07

Parameter



Type	ShootingStar 20	ShootingStar 30	ShootingStar 40
Solar panel	36W/5V	45W/6V	60W/6V
LiFePO4 battery	192WH	256WH	320WH
Charge cycle times	2000 times		
Luminous flux	2600LM	3900LM	5200LM
Lamp power	20W	30W	40W
LED qty	100pcs		
Lifespan of LED	50000 hrs		
Color temperature	3000-7500K		
Light distribution	Batwing lens with polarized light		
Lighting time	5-7 rainy days		
Working temperature	-20 C ~60 C		
Mounting height	5-8m		
Installation spacing	20-30m		

08

Application



