- ShootingStar II 20 - ShootingStar II 60
- ShootingStar II 30 - ShootingStar II 80
- ShootingStar II 40 - ShootingStar II 100

Solar ShootingStar II

Come from nature, Light up the future

WATT·U·NEED
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Solar Power Systems

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> CONTENT

01 Integrated Structure Design

ShootingStar II 20

ShootingStar II 30

ShootingStar 40

ShootingStar II 60

ShootingStar II 80/100

02 Advantage

Hollow shell design

Timely heat dissipation, extend lifetime

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 regulater 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 effeciency 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

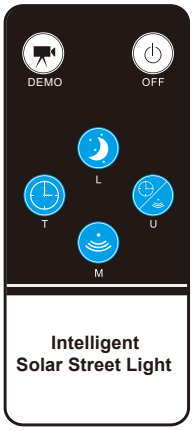
Indicator lights of battery capacity display the power of the lamp obviously, which is convenient to observe the charging and discharging of the lamp

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 mintue. 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.

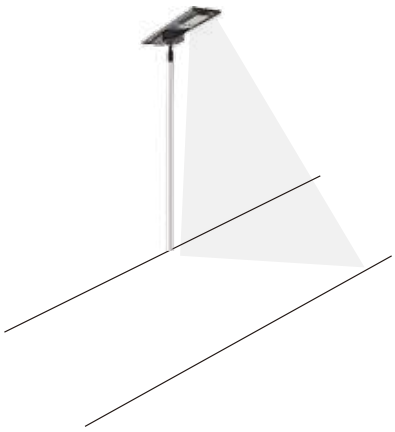
M: At night, 50%-1hr, 100%-3hrs, 30%-dawn.

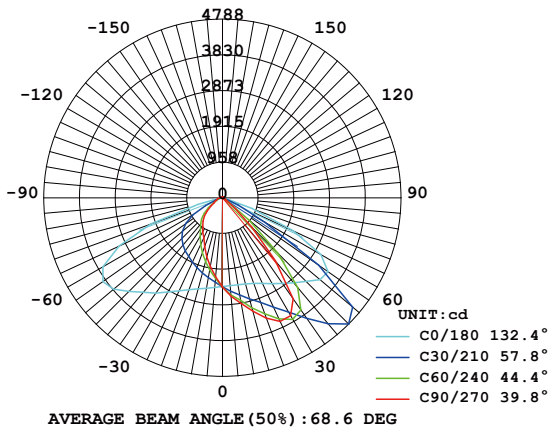
U: 100%-1hr, 70%-3hrs, 50% light when people come, 20% standby after 20 seconds.

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*

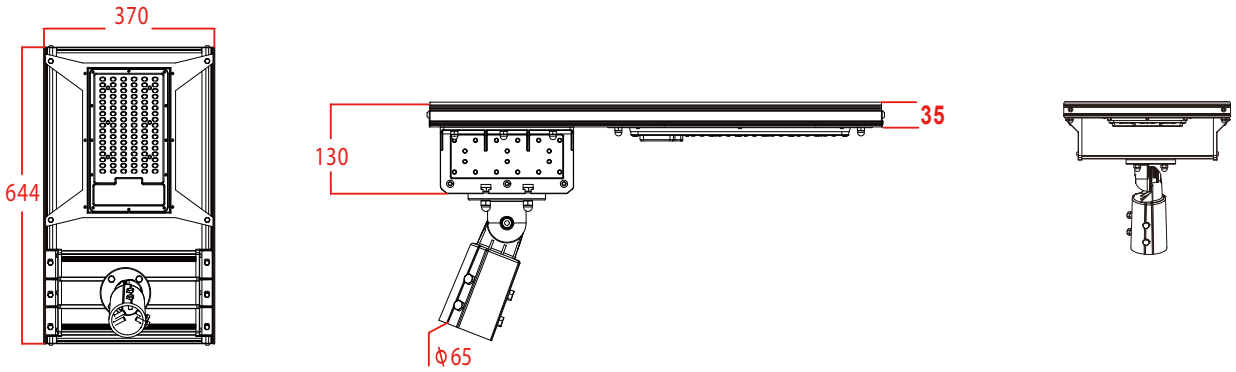
Luminous intensity distribution curves.



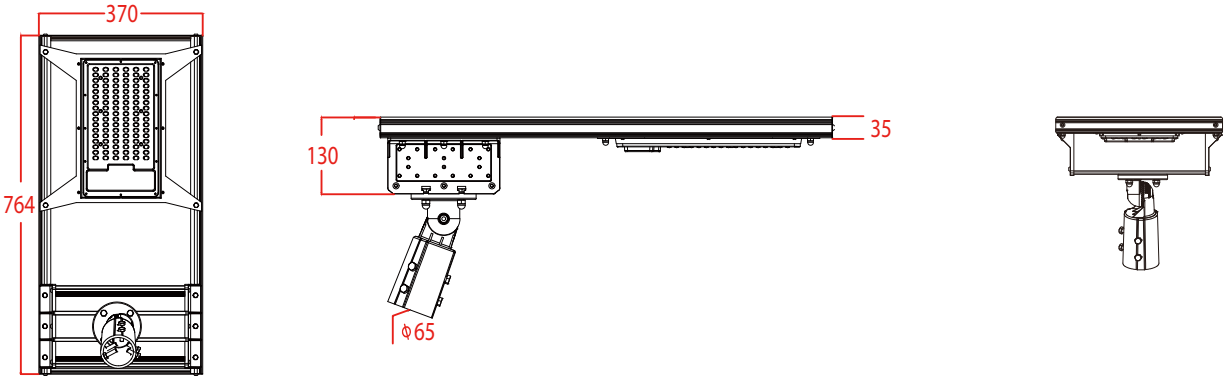


06 Dimension

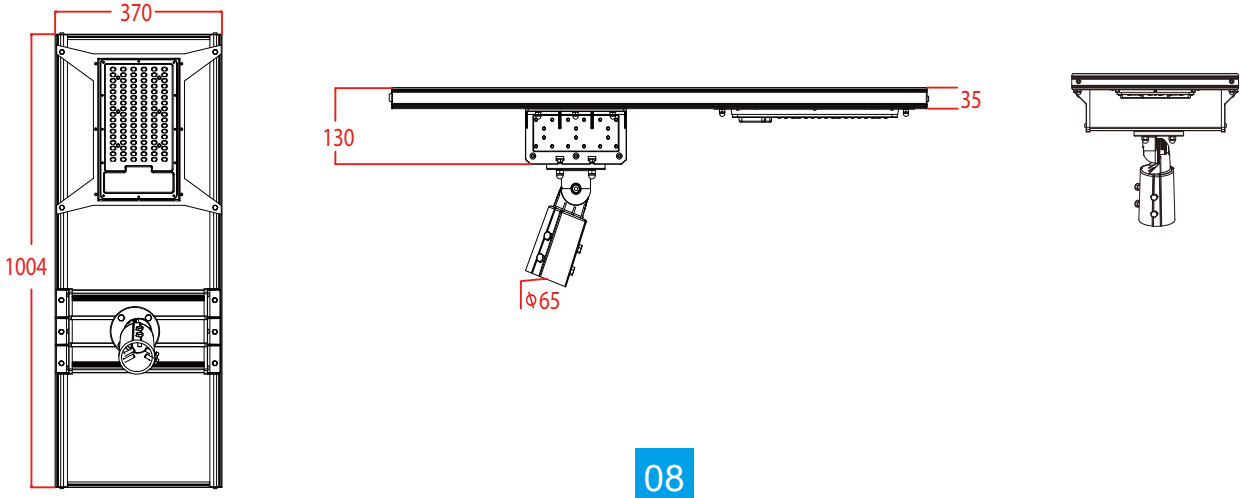
★ ShootingStar 20 II ★



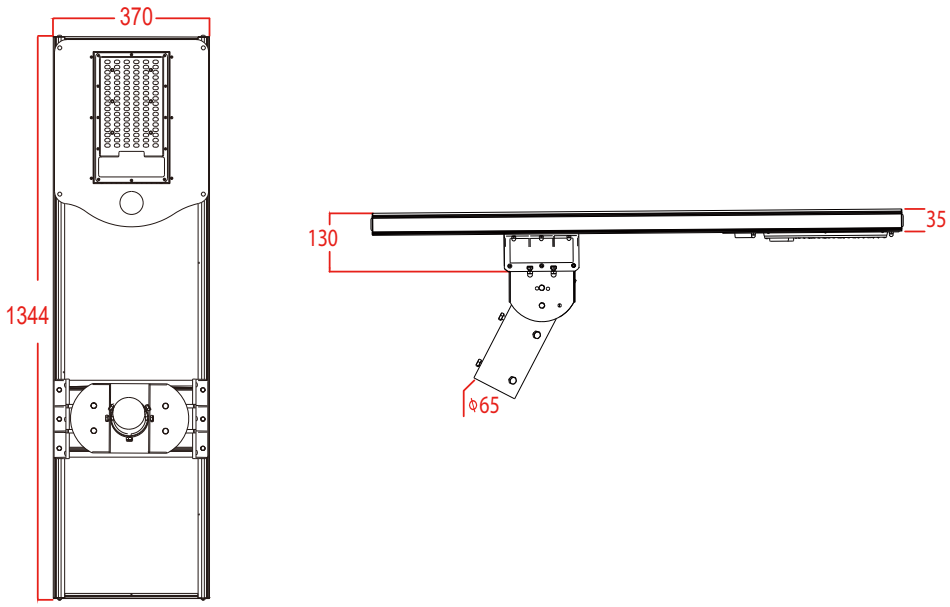
★ ShootingStar 30 II ★



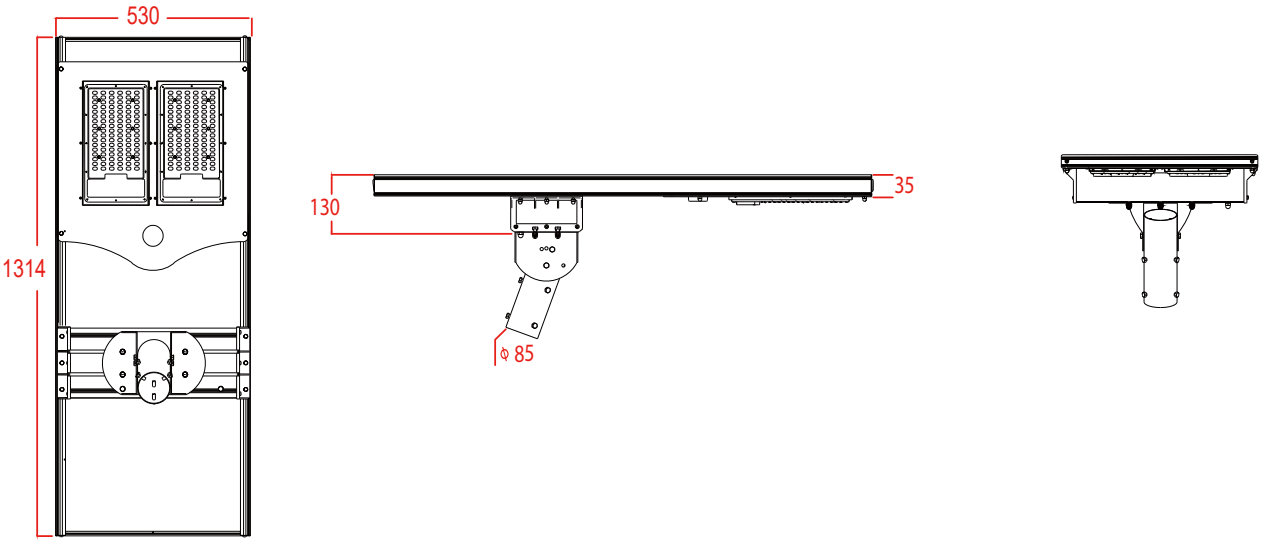
★ ShootingStar 40 II ★



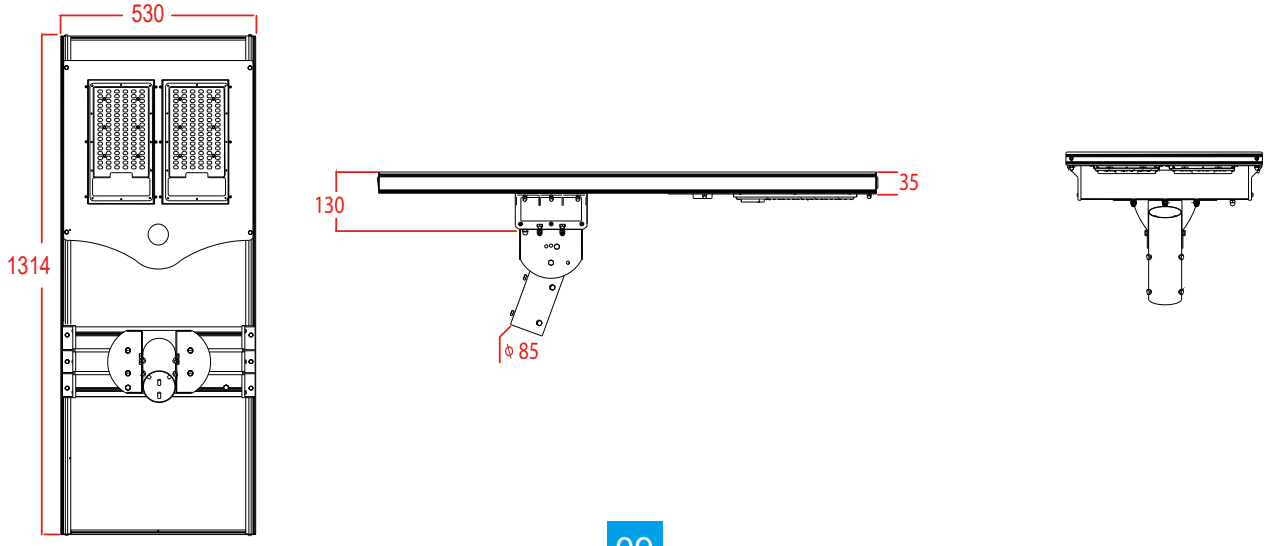
★ ShootingStar 60 II★



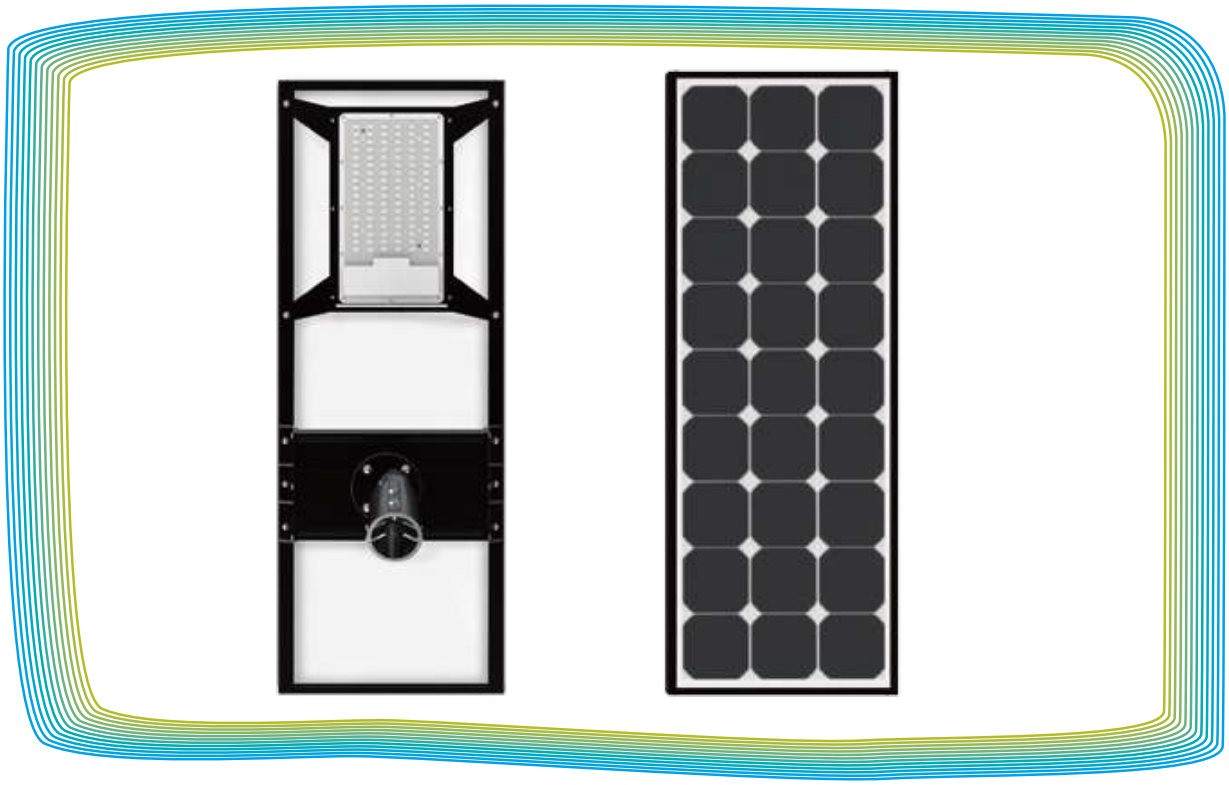
★ ShootingStar 80II★



★ShootingStar 100 II ★



07 Parameter



Type	ShootingStar II 20	ShootingStar II 30	ShootingStar II 40	ShootingStar II 60	ShootingStar II 80	ShootingStar II 100
Solar panel	36W/5V	45W/6V	60W/6V	80W/18V	110W/18V	110W/18V
LiFePO4 battery	192WH	256WH	320WH	512WH	640WH	768WH
Charge cycle times	2000 times					
Luminous flux	2600LM	3900LM	5200LM	7800LM	10400LM	13000LM
Lamp power	20W	30W	40W	60W	80W	100W
LED qty	100pcs				200pcs	
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℃~60℃					
Mounting height	5-6m		7-8m		9-10m	
Installation spacing	20-40m					

08 Application