

All-in-One Solar Street Light



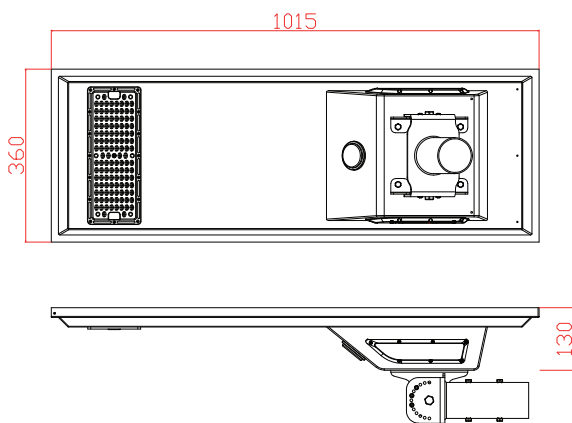
Electrical Specifications

• Led Power	40W
• IP Grade	IP66
• Solar panel life time	25years
• Solar panel	Monocrystalline solar panel 18V 65W
• Battert Type	230.4WH/12.8V LiFePO4 battery
• Charge time(by sun)	6-7hours(with enough strong shine)
• Dishcharge time	2-4 rainy days
• Controller	PWM controller
• Certification	ISO,CE,ROHS,ETL

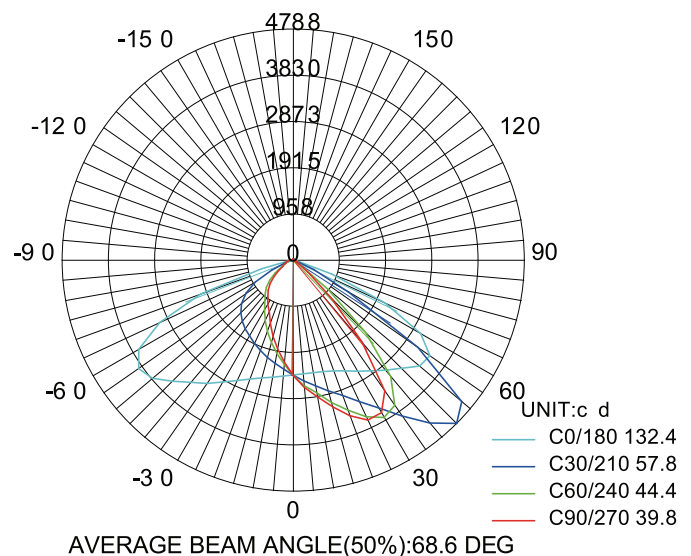
Photometric & Packing Specifications

• Led Lamp	Philips 3030 LEDs 120pcs	• Warranty period	3 years
• Light efficiency	>170lm/W	• Mounting height	3-5m
• LED life time	50000hours	• Space between light	15m
• Top diameter of pole	60mm	• G.W	16kg
• CCT	2700-6500k	• Unit size	1050*360*150mm
• CRI	>70	• Carton size	1085*390*210mm

Product size



Spectrum



Feature Technologies



Patented appearance

Integrated design of solar panel, microcomputer controller, lithium battery and highefficiency 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 regulator reasonable discharge power according to intelligent judgment of recent weather conditions, support longer lighting time and more rainy days



Intelligent high-efficiency lamp chips

3030 lamp chips, optimized brightness, the whole lighting efficiency is greater than 170lm/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