

Project Design

SOLAR FLOOD LIGHT

Adjustable installation angle

High brightness 3030 LED chip

360° Smart Motion Sensor



Suitable for lighting various types of stadiums, courts, and squares

Suitable for roads, scenic spots, parks, squares, courtyards, building exteriors, billboards, stadiums, etc.



Large capacity battery



Solar charging



Free wiring



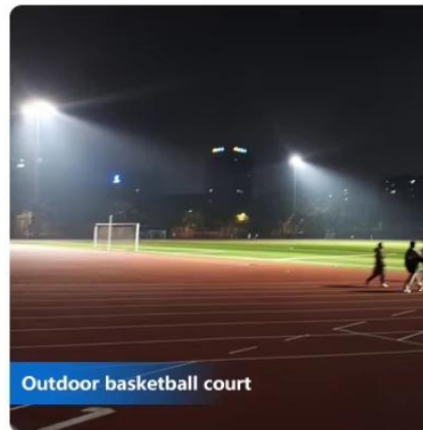
High-brightness LED beads



12+ hours endurance



Thunderstorm protection



Outdoor basketball court



Tennis court

Fully automatic light-controlled induction

Automatic charging during the day, induction lights on at night



Automatic daytime charging



Automatic light at night



IP65 waterproof without fear of wind and rain



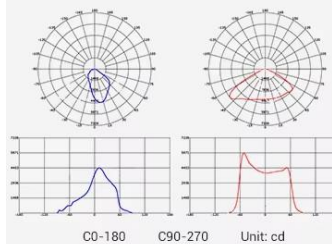
MPPT Large solar system

High luminous efficiency, the maximum output lumens of the entire lamp can reach MPPT Charge Controller

Optical test data

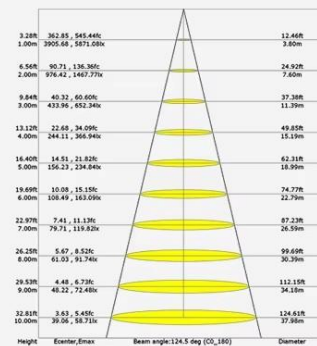
Please consult customer service for detailed data

Lighting data



C0-180 C90-270 Unit: cd

LX-Distance diagram



Detail Presentation

01

High brightness 5054 LED chip

High Lumen SMD3030/5054/7070 led chips, lumen efficiency can reach 180lm/watt.



04

High efficiency Polysilicon silicon solar panels

Grade A Polysilicon silicon solar panels, higher conversion efficiency, faster charging, and longer life



02

Dia-cast Aluminum material lamp body shell

Made of Dia-cast Aluminum material, the engineering housing is highly hard and sturdy, not easy to rust and durable.



05

Super large capacity battery

Intelligent charging and discharging management, soft and hard double protection of charging and discharging and intelligent equalization technology, battery cycles more than 2000 times.



03

Charging / Power indicator light

Easy to install, the bracket is 180 adjustable, suitable for more installation methods and larger illumination angles.



PRODUCT STRUCTURE

Adopting a safer, more worry-free and longer-life design, you can use it with more confidence



Solar panel

Dia-cast Aluminum shell


PS lens

U-shaped bracket

Charging indicator light

Date Sheet

Actual installation case

<p>Photo</p>		
<p>LED Lamp</p>	<p>Model</p>	<p>CL-40</p>
<p></p>	<p>Max power</p>	<p>40W</p>
<p></p>	<p>Lamp size</p>	<p>420*360*100MM</p>
<p></p>	<p>Led chip brand</p>	<p>CREE LED Clip 5054 *216PCS</p>
<p></p>	<p>Material</p>	<p>High quality Die-casting aluminum+PC Lens</p>
<p></p>	<p>Lumen</p>	<p>160LM/W-190L/W</p>
<p></p>	<p>Solar Charge Controller</p>	<p>MPPT</p>
<p></p>	<p>Irradiation angle</p>	<p>90 degrees</p>
<p></p>	<p>Efficiency</p>	<p>≥0.90</p>
<p></p>	<p>Life time</p>	<p>50000 Hours+</p>
<p></p>	<p>Viewing Angle</p>	<p>120°</p>
<p>Solar panel</p>	<p>Power</p>	<p>120W/18V</p>
<p></p>	<p>Size</p>	<p>1200*670MM</p>
<p></p>	<p>Solar cells</p>	<p>A grade High efficiency monocrystalline silicon</p>
<p></p>	<p>Life time</p>	<p>20-25 years</p>
<p>Battery</p>	<p>Type</p>	<p>LiFePO4 Battery</p>
<p></p>	<p>Capacity</p>	<p>384WH</p>
<p></p>	<p>Life time</p>	<p>3 years (Can be improved)</p>
<p>Charging time</p>	<p>Charging time</p>	<p>5-7 hours(in strong enough sunshine)</p>
<p>Working time</p>	<p>Full power</p>	<p>>15 Hours</p>
<p></p>	<p>Saving mode</p>	<p>Continuously 3-4 days,12 hours per night</p>
<p>Working temperature</p>	<p>range(°C)</p>	<p>-20°C~70 °C</p>
<p>Colour temperature</p>	<p>range(K)</p>	<p>6000K-7000K</p>
<p>Rendering Index</p>	<p>CRI (Ra>)</p>	<p>75Ra</p>
<p>Mounting height</p>	<p>range(M)</p>	<p>5-8M</p>
<p>Lamps material of</p>	<p>Aluminium alloy</p>	
<p>Certification</p>	<p>CE/ROHS/IP 67</p>	
<p>Warranty</p>	<p>3 years</p>	

