



• Support Municipal Electricity Supply

ISC AMENITY SOLAR LIGHT
30W

> Features of SC Series

• The design of SC series LED solar light comes from the inspiration of art, it is combined with best the energy-saving parts--solar panel, LED light, and LiFeP04 battery. With the controller and MPPT, it realizes the functions of high brightness with low energy consumption, long lifespan, and easy maintenance. At the same time, streamlined appearance design blends with the surrounding environment smoothly, to create a beautiful urban landscape.

- Power range: 30W;
- Municipal electricity supply optional;
- Deep cycle battery, charge and discharge over 2000 times.
- Continuously work 2-3 rainy days under intelligent mode.
- Die-cast aluminum fixture housing ;
- UV stabilized polyester powder paint finish for durability and corrosion resistance;
- Mounting options: Post Top installation;
- Streamlined design to reduce wind resistance;
- Optical systems maintain an IP65 rating;
- ULOR=0%, no up light pollution;
- MPPT intelligent controller.

UP TO 180 lm/W	L90B10 >52000hrs @ 25°C	ULR =0	• 3000K • 4000K • 5000K • 5700K • 6500K
CRI 70	IP65	DIM	Working Temperature Environment -10°C~50°C (14°F ~ 122°F)



Integrated Design
Solar Panel combined with Battery Box

25 Years Lifespan	Conversion Rate up to 21%	Integral Monocrystalline Silicon Solar Panel



Lifespan Cycle ≥2000 Times Intelligent Temperature Control

> Photometrics Design

Lumen efficiency >180lm/W
achieve higher illumination



High Efficiency



Long Lifespan



Less Calorific Value

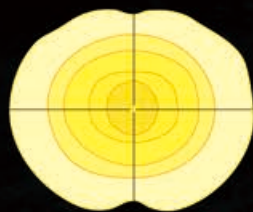


Low Light Decay



- The light engine takes advantage of the latest generation of mid-power LEDs and dedicated optics for professional applications.
- 5050 LED chips provide lighting solutions from high-level special lights to very cost-effective but excellent quality luminaires.

Photometry Design



TYPE V (T502)

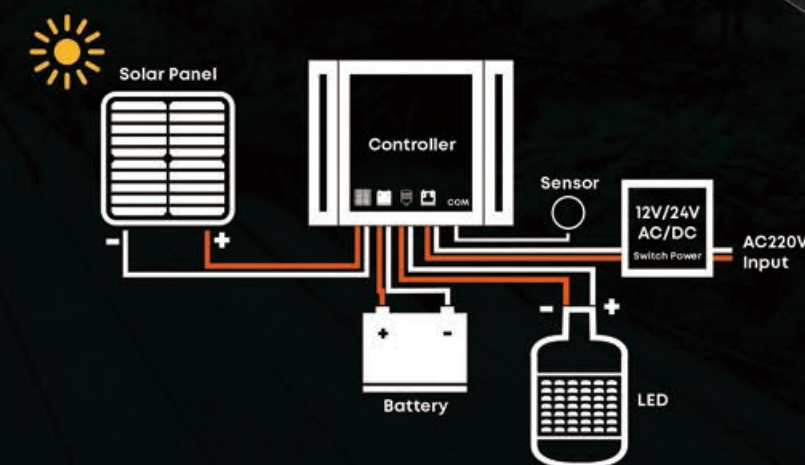
Pedestrian cityscape requires an architectural luminaire to enhance the site by day and to provide visual comfort and security by night.

SC series offers precise optical control up to 180 lumens per watt with distinct optimally designed distributions.

Other optics types customizable.

Working Way

Municipal Electricity Complementary Solution Optional



Standard Configuration Version

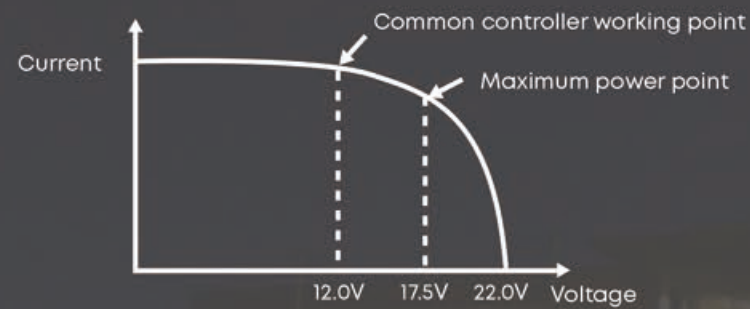


Municipal Electricity Complementary Solution, the power supply is placed internal, and it is easy to replace.

> Application Reference

- Road lighting
- Area lighting
- Garden and park lighting

Advantages of controller



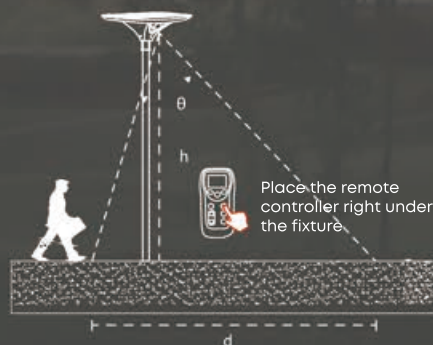
(take 12V battery system as an example)

- 1) Moving Track MPPT maximum power tracking technology is adopted to improve the tracking efficiency and speed by more than 20%;
- 2) UltraGreen power control technology with extremely low static power consumption and sleep current;
- 3) 10 time-periods programmable load power/time control;
- 4) Multiple intelligent power modes can be selected, and the load power can be automatically adjusted according to the battery power;
- 5) Multiple protection functions such as battery /PV reverse connection protection, LED short circuit/open circuit/power limit protection;
- 6) Aluminum metal housing, IP67 waterproof rating, can be used in a variety of harsh environments
- 7) Extensible IoT remote communication monitoring function;

Detection distance

Remote control distance 5-8 meters, installation height and environment and other factors will affect the controller sensitivity, please refer to the actual field.

Note: Please do not place 2 or more lights within 12 meters at the same time while using the remote controller, receiving or sending may fail.



Inductive Type	θ (Angle)	h (Height of lamp rod)	d (Inductive width)
IR (Infrared)	60°	6-8m	6-10m
WB (Microwave)	65°	6-10m	7-10m

*Remote control is optional



