

Solar Series Pathway Light



The Solar Series Pathway Light is designed and manufactured in the USA, delivering year round performance using high quality, custom solutions that are unmatched in the solar lighting industry. With thousands of lighting systems operating in pathways, security zones and parks throughout North America, each lighting systems Solar Energy Control Module matches LED output with solar energy input, ensuring the Solar Series Pathway Light will never cease to operate.

The Solar Series Parking Lot Light is the world's most reliable all-in-one solar lighting solution, and the result of 10 years of research and development. The self contained luminaire offers unrivalled performance, thanks to a patented energy management system that guarantees optimal efficiency,

SPECIFICATIONS

COMPLIANCE

Certificates

EN 13032-1; EN 13032-2; EN 13201; EN 60598-1; EN 62471 IEC 61215; IEC 61730 I and II (Solar Panel)
CE; EN61000; EN61547; EN55015; EN62493; EN 62479 EN300328; EN 301489-1 (Electronics)

OPTICAL

Configuration

Autonomous Solar Powered LED Parking Lot Light

Complete System

Solar Panel, MPPT charge controller, Energy Control Module, LED floodlight, deep cycle battery bank, Aluminum Enclosures, mounting accessories

LED Intensity Optics

High lumen LEDs rated at a minimum of 50,000 hours at 80%

LED Colour

White (Temperature options: 5,700 K, 3,000 K and 4,000 K)

Nominal Power

20W Up to 50W* (autonomy will depend on lighting power)

MECHANICAL

General Dimensions

1000mm x 375mm x 105 mm

Mounting

Top on a pole, Ø60 mm

Weight

13 kg (29 lbs) without pole

Dimensions per Light Housing Assembly

812mm(l) x 762mm(w) (32 x 30 inches)

Enclosure and Mount

BS PMMA casing (100% recycled) and aluminum

Enclosure and Mount Colours

White (RAL 9010) and Black (RAL 8019)

ELECTRICAL

Power Input

NiMH battery, maintenance free, very high temperature resistance 24V (120 Wh)

Solar Panel

Monocrystalline silicon
50 Wp with Circuit Protection Integrated

Solar Panel Dimensions

787 x 355mm (31 x 14 inches)

Connectivity

Bluetooth (Optional Remote Monitoring)

ENVIRONMENTAL

Operating Temperature

-40° to +70°C (-40°F to +158°F)

Weather Protection

IP65

WARRANTY & LIFE EXPECTANCY

Warranty

10 year

LED Life Expectancy

50 000 hours (12years)