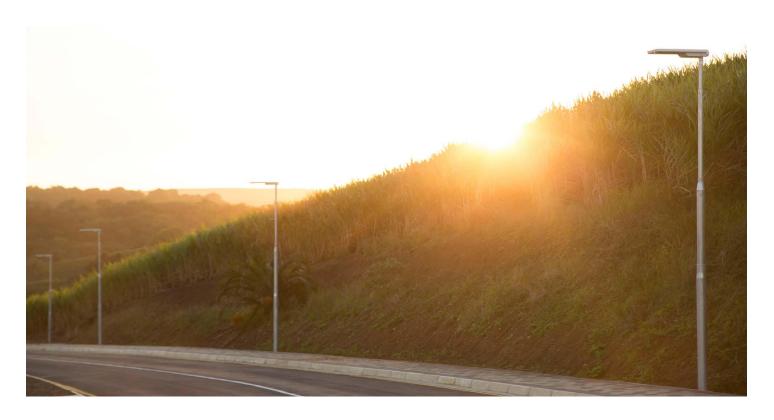
# **SPECS**



## **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**

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)
<b>Enclosure and Mount</b>	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)



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