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SPK-100W-1X-SBX.100-DCM

100W Solar Outdoor LED Light - 5000 lms, Lithium Iron Phosphate Battery, MS, WR - IP67

Product ID: 278332

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

SPK-100W-1X-SBX.100-DCM Solar LED Light

Solar Panel Specs

Panel Qty: (1)

Dimensions: 13.8" x 22.8"

Weight: 4.4 lbs

Voltage: DC

Total Watts: 35W

Battery Type: Lithium-iron Phosphate, 32650

Battery Capacity: 7.4V/36,000 mAh

Runtime: 20 Hours @ Full Charge in Half Lighting Mode

Charging Time: 6-8 Hours
Frame Materials: Aluminum
Mount: Adjustable Bracket
Wiring: 12' between Panel and Light

LED Lamp Specs

Lamp Technology: LED
Dimensions: 10.2" x 13"
Weight: 7.9 lbs
Voltage: -
Watts: 100W
Lumens: 5,000 lms
Luminous Efficacy: -

Ratings

IP67 Waterproof

LED Life Expectancy: 50,000+ hours
Color Temp: 6500K
Beam Angle: -
Beam Configuration: Flood
Sensor Types: Dusk/Dawn and Motion
Motion Sensor Distance: 16'-23', 120°
Wireless Remote Modes: Mode 1- Automatic Lighting, light on as dusk and off as dawn; Mode 2- Timed Operation, 3/5/8 hours or keep it on/ off anytime; Mode 3- Half Light, basis of mode 1 or 2
Wireless Remote Distance: 39'
Ambient Temp Range: -25°C to +60°C
Materials: ABS/Aluminum
Mount: Adjustable Bracket
Package Contents: (1) Solar Panel, (1) LED Flood Light, (1) Remote Control, (2) Assembly Accessories, (2) Nuts, (4) Screws, (2) Rubber Columns, (1) User Manual

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics SPK-100W-1X-SBX.100-DCM Solar Outdoor LED Light is an ideal lighting solution for remote areas and standalone applications where connection to external power is either impractical or unavailable. This rechargeable system features a 100-watt LED flood light powered by a crystalline silicon solar panel with lithium-iron phosphate battery. The solar panel and LED light contain back-located adjustable brackets for mounting on surfaces.

This solar powered LED light is designed for reliable illumination in outdoor and remote locations. The LED flood light offers 5,000 lumens of output with a 6500K color temperature rating. A flood beam configuration ensures wide-area lighting in the area during use. This 100-watt unit comes with dusk-to-dawn and motion sensors (16-23` motion sensing distance). A wireless remote control enables selection of the following modes: Mode 1: automatic lighting, light on as dusk and off as dawn; Mode 2: timed operation, 3/5/8 hours or on/off any time. Mode 3: half light on the basis of mode 1 or 2. The LED light is made out of ABS/aluminum and carries an IP67 waterproof rating.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Solar Panel: The LED light is powered by a 35-watt crystalline silicon solar panel. This panel with aluminum frame charges a 36,000 mAh lithium-iron phosphate battery, which has a charge time of 6-8 hours. On a full charge, the system offers 20 hours of runtime in half lighting mode.

Wiring: The SPK-100W-1X-SBX.100-DCM is equipped with a 12-foot cord between the LED light and solar panel.

Mount: The LED light and solar panel both feature back-located adjustable brackets for surface mount installations in outdoor sites.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power

accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

SPK-100W-1X-SBX.100-DCM

Product ID: 278332

Warranty: 36 Months

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**