SL45 SOLAR STREET LIGHT
10W TO 30W (WITH POLE)

PERFORMANCE
Special control system to prevent over-charging and over-discharging.
Typically dusk to dawn illumination (subject to geographic location, LED Wattage and solar panel Wattage selected).

LIGHT FIXTURE
Supplied with a single lampshade unit.
Features a fully adjustable tenon which can rotate 90 degrees at 15 degree intervals.
Can be supplied with a Type I, II, III, IV or V lighting distribution pattern.
Choice of LED color temperature (yellow, warm white or white). White is standard.

Lumen tolerance ±5%.

The 25 Watt lamp unit provides 3,025 Lumens.
The 30 Watt lamp unit provides 3,570 Lumens.
LED life is typically up to 100,000 hours or equal to about 22 years.
Anodized aluminum construction with toughened glass.
Stainless steel hardware.
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**BATTERY**

Alternative battery types, capacities and sizes may be available upon request.

**SOLAR PANEL**

Aluminum frame with anti-aging and encapsulated.

The solar panel is supplied with a support frame and hardware to attach to the top of the pole.

The geographic location of the street light may affect the size/wattage of the solar panel required.
A higher wattage solar panel may be required for more demanding applications and/or locations with lower insolation.

**ARM**

Attaches to the street light pole.

**POST / POLE**

Galvanized steel pole which attaches to the top of the battery box cabinet.
Pole has a square flat base (flat plate) with pre-drilled holes for bolting directly to the battery box cabinet.
Fixing bolts are included.
Wind load rating for pole is 140 MPH with a 1.3 gust factor.
Pole height is approx. 13' (4 metres). Custom height pole by special order only.

SUBJECT TO OUR TERMS & CONDITIONS, AND RETURNS POLICY.
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assembled.

BATTERY BOX

Galvanized steel battery box accommodates the rechargeable batteries and control module. Pre-drilled holes in the battery box cabinet base enable secure installation. The pole attaches to the top of the battery box. Satin black color finish. Custom colors by special order only. Battery box is approx. 14" x 14" x 17" (35cm x 35cm x 43cm) LxWxH. Two templates for setting the fixing bolts into new, wet concrete are included. The templates for aligning the anchors are approx. 17 3/4" x 17 3/4" (45cm x 45cm). The bolt pattern (diagonal distance from one hole center to another) is approx. 22 3/16" (56cm). The 4 pre-drilled holes on each template are approx. 5/8" (1.5cm) diameter.

CONTROL MODULE

This controller features the very latest smart technology.

Low voltage detection for automatic disconnect.
Continuous environment, input and output power management.

Lighting control features illumination from dusk to dawn (where applicable), or on at dusk for X amount of hours then off, or on at dusk for X amount of hours, then off, then back on again for X amount of hours before dawn.
Dimming option (where applicable) allows the lighting to dim at any time during the illumination time.
The dimming option or any other illumination mode can be used in conjunction with motion activation (where applicable). Dimming may be at any percentage from 1-99%.

Battery voltage 12/24v dc auto select.
Rated charge current 10A/15A.
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Multi stage adaptive charge algorithm.
Automatic temperature compensation.

Weight is 500g (1.1 Lbs).

mence. Additional evaluation with self-managing adjustments may continue for up to 7 more days. This is all part of the smart feature that enables this intelligent controller to understand its use, the application, the surrounding environment and the current conditions. During this time some of its programmed features may differ temporarily. This is a perfectly normal process and must be accepted during that time. During this time the controller will adjust to the current condition and charge status of the batteries. It is therefore recommended that all batteries are 100% fully charged

INTERCONNECTING CABLING

INSTALLATION

Installation guide included.
Upon curbside delivery, installation is entirely at the risk of the customer and/or the customer's appointed installer.

REMARKS

batteries). Battery warranty (if applicable) is with the battery manufacturer.* Warranty registration is required (after purchase), otherwise a standard 30 day limited warranty will apply. After making your purchase, go to www.solarilluminations.com/registration to register your warranty. Additionally, unlimited, lifetime technical support is available for all warranty registrations.
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returned will be repaired or replaced.
The solar panel must be installed in a location where it can receive full direct sunshine (when available) and usually set facing South at an appropriate angle (where adjustment options allow). The solar panel must not be installed in a shaded or part shaded location and never indoors. The determined by your geographic location, power consumption (LED Wattage) and the total amount of hours of illumination time required. Such changetime is estimated and subject to various factors including (but not limited to) geographic location, seasons, temperature, weather conditions & location of product etc. The illumination time of most solar lights can reduce during winter months when the weather is poor and the days are shorter. as being ‘defective’ or ‘not as described’. All solar lights must be used in a completely dark location at night time otherwise they may not illuminate.
a battery to deep discharge it may cause irreversible damage as the battery may then lose the ability to recharge or hold a full charge. Although un-or by photographs) due to different supplies or product batches received, incorporating such product changes made by the manufacturer, without recently been made.
insolation levels are poor or lower than normal, a higher wattage solar panel and larger capacity batteries may be required. We offer product cus-tion before making your purchase.

* View our Terms, Conditions and Policies (including our Returns Policy) for further information.