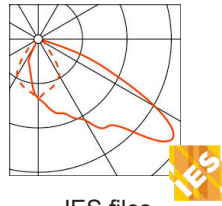


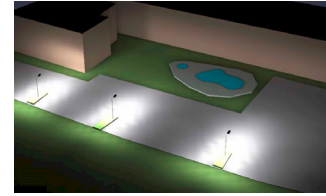


SL31

Solar 20W LED Street, Parking Lot, Area Light
(Supplied Without Pole)



IES files
available upon request



Complete 3D lighting renderings
available for your application.

This all-in-two, integrated style, solar powered area light fixture has a very unique feature which enables the installer to set the orientation and angle of the solar panel to suit the geographic location of the site completely irrespective of the direction of the luminaire. This is a very important and valuable feature because it allows the solar panel to face directly south (as it should do in North America) and be set at an approximate 30~60 degree angle (as it should be in North America). Ideal for small streets, parking lots, parks, arenas, storage facilities, recreational areas, walking & jogging trails and general area lighting applications.

This unique, stand-alone, self-contained light fixture is fitted with Cree LEDs offering 20W LED power and providing up to 4,200 lumens. It provides a powerful white output (CCT 6,000k) with Type III distribution. It also incorporates a microwave motion sensor which can be used with some modes. It's designed to attach to the top of a 3" O.D round pole or other diameters using an optional tenon adaptor. It can also be configured to attach to the side of a pole, post or vertical structure using an optional support arm. Supplied complete with a powerful, bi-facial, 120W solar panel and internal, pre-installed, high capacity (27AH) LiFePO4 lithium battery. This light fixture features three different operational modes. The installer or user can select the desired operational mode using the remote control that is supplied.

The default mode is automatic illumination at dusk at 20% output (840lm) with 100% output (4,200lm) upon motion detection.

Another mode to choose from is 100% output (4,200lm) at dusk for the first two hours, then 50% output (2,100lm) for a further two hours, then off but with 100% output (4,200lm) upon motion detection.

The other mode is 100% output (4,200lm) at dusk for the first two hours, then 40% output (1,680lm) for the next three hours, then 20% output (840lm) for a further two hours, then off.

PLEASE NOTE: CUSTOM OPERATIONAL MODES ARE AVAILABLE BY SPECIAL ORDER

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Guarantee

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Tech Support

24 Month*
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*SUBJECT TO OUR TERMS & CONDITIONS, AND RETURNS POLICY



SL31

Solar 20W LED Street, Parking Lot, Area Light
(Supplied Without Pole)



Can be top of pole mounted or side of pole mounted. Choice of single or double arm mounting brackets available as an option



LUMINAIRE

- A microwave motion sensor is built into the light fixture (operational when motion detector modes are selected).
- Motion sensor detection range (at ground level) is up to 50' (15m) forward, up to 25' (7.5m) each side with up to a 90 degree angle, subject to mounting height.
- The luminaire is fitted with multiple Cree® LEDs which have a color temperature (CCT) of 6,000k.
- 20W LED power (up to 4,200 lumens).
- Type III distribution (wide lighting area).
- Gray powder coated finish (RAL 7040).
- Choice of three operational modes.
- Remote control included.
- Dimensions approx. 29"x 11"x2"~12" (74cmx28cmx5~30cm) LxWxD.

SOLAR PANEL

- Powerful 120W 18V DC solar panel included.
- Aluminium framed, bi-facial, monocrystalline type.
- Unique, fully adjustable, 360 degree rotation and tilt capabilities.
- The supplied mounting hardware enables the solar panel to attach to the top of the luminaire.

POLE

- A pole is not included. If a pole is required, use our SL33 system instead which is available with a choice of pole.
- Typical luminaire mounting height is 10'~20' (3M~6M).
- Designed to attach to the top of a 3" OD pole.
- Can attach to poles of other diameters with an optional tenon adapter (not included).
- This luminaire can be configured to attach to the side of a pole instead with the use of an optional support arm (not included).

BATTERY

- Pre-installed high capacity lithium (LiFePO4) battery.
- Replaceable battery has life expectancy of up to approx. 8 years.
- Voltage 12.8V, 27AH. Higher capacities available as an option.

CHARGE CONTROL

- An integral MPPT charge controller is included and pre-installed.
- The system has built-in charge control regulation with over-charge and discharge protection.
- Automatic light activation at dusk (integrated photocell).

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