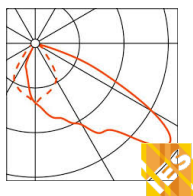




SL31

**Solar 20W~30W LED Street, Car Park, Area Light
(Supplied Without A Column)**



IES files
available upon request



Complete 3D lighting renderings
available for your application.

- Sold as a complete, stand-alone, self-contained solution.
- Designed to attach to a suitable existing column.
- Unique, all-in-two, integrated design that allows the rotatable solar panel to face south, completely independent of the LED luminaire.
- Choice of LED power (20W 4,200 lumens or 30W 6,300 lumens).
- Choice of automatic and timed operating modes.
- Dimming and motion sensor options are available.
- Select and store the desired operating mode using the remote control.

This all-in-two, integrated style, solar powered area light fitting 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 in the UK) and be set at an approximate 45~60 degree angle (as it should in the UK). Ideal for small streets, car parks, playgrounds, riding arenas, storage facilities, recreational areas, footpaths and general area lighting applications.

This unique, stand-alone, self-contained light fitting is fitted with Cree LEDs offering 20W LED power and providing up to 4,200 lumens. The 30W LED version is available by special order and offers up to 6,300 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 76mm O.D column or other diameters using an optional tenon adaptor. It can also be configured to attach to the side of a column or vertical structure using an optional support arm. Supplied complete with a powerful 120W or 200W solar panel and internal, pre-installed, high capacity LiFePO4 lithium battery. This light fitting 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: BESPOKE OPERATIONAL MODES ARE AVAILABLE BY SPECIAL ORDER.

20 Year*
Panel Warranty

Low Price
Guarantee

1 - 5 Year*
Product Warranty

UK & Ireland
Shipping

Lifetime*
Tech Support

11-12 Old Bond Street • Mayfair • London • W1S 4PN • Great Britain • Telephone: 020 7873 2262

MONDAY - FRIDAY 9:00AM - 9:00PM (UK TIME)

www.solarilluminations.co.uk • sales@solarilluminations.co.uk

*SUBJECT TO OUR TERMS & CONDITIONS, AND RETURNS POLICY



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Solar 20W~30W LED Street, Car Park, Area Light (Supplied Without A Column)



LUMINAIRE

- A microwave motion sensor is built into the light fitting on all models (operational when motion detector modes are selected).
- Motion sensor detection range (at ground level) is up to approx. 15m forward, up to approx. 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 colour temperature (CCT) of 6,000k.
- 20 W LED power (up to 4,200 lumens).
- 30W LED power (up to 6,300 lumens).
- Type III distribution (wide lighting area).
- Grey powder coated finish (RAL 7040).
- Choice of three operational modes.
- Luminaire dimensions are approx. 74cm x 28cm x 5~30cm LxWxD.

SOLAR PANEL

- A 120W 18V DC solar panel is included with the 20W version.
- A 200W 18V DC solar panel is included with the 30W version.
- Aluminium framed, 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.
- 120W panel dimensions are approx. 91cm x 63cm x 3cm LxWxD.
- 200W panel dimensions are approx. 141cm x 80cm x 3cm LxWxD.

COLUMN

- A column is not included. If a column is required, use our SL33 system instead which is available with a choice of column.
- Typical luminaire mounting height is 3M~6M.
- Designed to attach to the top of a 76mm OD column.
- Can attach to a column of other diameter (e.g. 89mm) with an optional tenon or spigot adapter (not included).
- This luminaire can be configured to attach to the side of a column with the use of an optional support arm (not included).

BATTERY

- Pre-installed high capacity lithium (LiFePO4) battery (replaceable).
- 20W version battery 12.8V DC, 27AH, 345.6WH.
- 30W version battery 12.8V DC, 33AH, 422.4WH.

CHARGE CONTROL

- An internal MPPT charge controller is included and pre-installed.
- Charge control regulation (over-charge & discharge protection).
- Automatic light activation at dusk (integrated photocell).

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