

## SAL-01 Solar LED Area Light

Sealite's state-of-the-art Solar LED Area Light provides users with the perfect solution for lighting remote locations such as boat launching ramps, shelters, car parks and maintenance areas where connection to the power grid is unfeasible.



### **The SAL-01 Solar LED Area Light sets a new standard in energy efficiency and light output.**

Each LED bank is driven by high efficiency LED drivers maximising light output and LED life. The intensity is maintained at a constant level over various voltage shifts.

The light uses a 140watt multicrystalline solar panel, and Sealite's unique AL-01 LED luminaire.

The light head body is constructed from extruded aluminium with injection-moulded UV-stabilised LEXAN polycarbonate glass-filled end caps for superior strength and durability. The injectionmoulded LEXAN lens is fitted to the aluminium body with a marine grade o-ring ensuring a superior sealing (IP68 waterproof).

The weather resistant galvanised mounting pole securely houses the two 55Ah SLA batteries and 10Amp regulator in its base for ease of servicing after years of maintenance-free operation.

The light begins operation automatically, as soon as the ambient light threshold drops sufficiently, and once installed, requires minimal maintenance.



**Sealite®**  
AIDS TO MARINE NAVIGATION

## MORE IMAGES OF THE SAL-01\_SOLAR\_AREA\_LIGHT



AL-01 LED Luminaire c/w positive O-ring sealing & membrane vent



## FEATURES OF THE SAL-01\_SOLAR\_AREA\_LIGHT

- UV-stabilised LEXAN® polycarbonate lens containing 8 ultra-high intensity LEDs for optimal area illumination (>120 degrees)
- 140watt multicrystalline solar module
- Adjustable light arm, galvanised post & anti-tamper fittings
- Adjustable ON time from 1 hour to dusk-til-dawn
- Waterproof light head, rated IP68
- Vandal-resistant battery enclosure

## ADVANTAGES OF THE SAL-01\_SOLAR\_AREA\_LIGHT

- Complete solar-powered LED area lighting system
- Independent from mains power, & uses state-of-the-art high performance power LEDs
- Toughened polycarbonate lens to withstand harsh environmental conditions & vandalism
- Designed to meet cyclonic conditions
- 50,000 hour rated LEDs
- Full 3 year warranty

## OPTIONS AVAILABLE FOR THE SAL-01\_SOLAR\_AREA\_LIGHT

### Dual Arm Assembly

### SPECIFICATIONS

#### Light Characteristics

Light Source	8 ultra-high intensity white (warm daylight) LEDs
Maximum Available Intensity	Total Luminous Flux: 1360 lumens
Effective Intensity	Luminous Efficiency: 69.7lm/W
LED Life Expectancy	>50,000 hours

#### Electrical Characteristics

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#### Solar Characteristics

Solar Module Type	Multicrystalline
Output	140watt
Solar Module Efficiency	14%
Charging Regulation	Integrated charge regulator

#### Power Supply

Battery Type	SLA (Sealed Lead Acid)
Battery Capacity	110Ah (2 x 55Ah batteries)
Nominal Voltage	12v

#### Physical Characteristics - Lights

Body Material	See downloadable PDF
Lens Material	LEXAN® Polycarbonate - UV stabilised (light head)
Mounting	4 x 22mm holes (post)
Height (mm/inches)	7160 / 281 7/8 (complete assembly)
Width (mm/inches)	See downloadable PDF
Length (mm/inches)	See downloadable PDF
Mass (Kg/lbs)	250 / 551 (complete assembly)

#### Certifications

CE	EN61000-6-3:1997, EN61000-6-1:1997
Quality Assurance	ISO9001:2008

#### Intellectual Property

Trademarks	SEALITE® is a registered trademark of Sealite Pty Ltd
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#### Warranty

Warranty	Full 3 years
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