

FL08 Solar 144 LED Two Floodlight System

TECHNICAL SPECIFICATIONS

Manufactured in an ISO9001:2000 'Quality Assured' facility.

PERFORMANCE

- Up to 12 hours of illumination each night.
- Up to 24 hours of autonomy subject to time length of night time illumination.
- Each floodlight can illuminate an area approx. 12 metres x 12 metres (40'x 40') depending on the mounting height.

LIGHT FITTING

- System includes two heavy duty floodlights.
- 144 hyper- bright Cree® SMD/LED's providing approx. 200 watts of incandescent light.
- Each SMD/LED provides 8 Lumens at source. Total 1152 Lumens.
- The weather resistant sign light has approx. 14.5 metres (48') of pre-wired cable which is pre-plugged ready for easy connection to the battery box.
- The sign light fitting is weather rated to I.P 65.
- Fitted with a U shape mounting bracket.
- Colour of fitting is black.
- Product dimensions (main floodlight body) approx. 28cm x 30cm x 10cm (11" x 12" x 4") LxWxD.

BATTERY

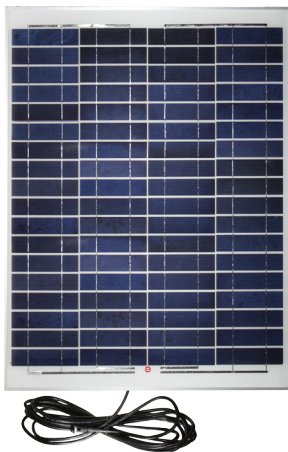
- 24 volt dc system.
- Two, high capacity 12 volt 32 Amp-Hr sealed lead acid batteries are required (not included).
- Batteries must be connected together in series.

BATTERY BOX

- A remote battery box is supplied to accommodate the batteries, and charge controller.
- The battery box has a hinged lid which is lockable (padlock not included).
- The battery box has an integral battery shelf which houses the programmable control module.
- The battery box has a receptacle (socket) for the solar panel, and each light to connect to.
- The metal battery box is approx. 56cm x 36cm x 20cm (22" x 14" x 8") LxWxD.
- The battery box has a footprint for installation of approx. 36cm x 20cm (22" x 14") LxW.

CONTROL MODULE

- This system includes a programmable control module which regulates and manages the solar panel power, battery power, and illumination time.
- The compact control module has LED indicators to display status, and houses connections for solar panel, batteries, and lamps.
- User programmable illumination time of up to 1 to 12 hours or dusk-to-dawn setting (where conditions permit).
- User or installer can set the control module to run from dusk and then shut off after a certain amount of hours.
- Default setting is typically dusk to dawn.
- Instructions are supplied should the user or installer need to program or re-program the module*.



One Year*
Warranty ✓

Low Price
Guarantee ✓

No Quibble*
Returns ✓

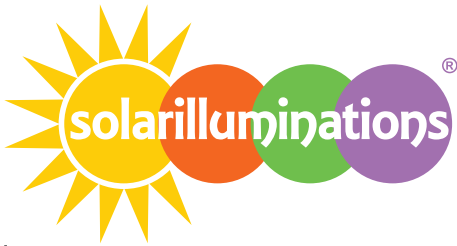
UK & Ireland
Shipping ✓

Lifetime
Tech Support ✓

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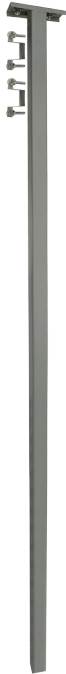
MONDAY - FRIDAY 9:00AM - 9:00PM (UK TIME)

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FL08

Solar 144 LED Two Floodlight System



Optional Accessory: FL11

SOLAR PANEL

- 70 watt aluminium framed solar panel.
- Supplied with approximately 5m (17') of cable to connect directly to the battery box.
- Two special mounting frames are included to allow the solar panel to attach to a vertical or horizontal surface with two hole pre-drilled into each section of the frame.
- 70w solar panel dimensions approx. 89cm x 66cm x 5cm (35" x 26" x 2") LxWxD.
- The solar panel support/mounting frame (as supplied), if used, requires a footprint of approx. 97cm x 112cm (38" x 44") LxW.
- Wall bracket (supplied attached to the floodlight) is approx. 20cm x 3cm (8"x1") LxW and has 3 holes pre-drilled to allow fixing.
- The solar panel support brackets are triangular in shape and have a face length of approx. 109cm (43"), a stand-off of approx. 55cm (21.5") and a fixing length of approx. 95cm (37.5").

INSTALLATION

- Easy to install. All connections are simply plug & play.
- A pair of triangle shaped support frames are supplied for the solar panel.
- May be wall mounted, pole mounted, or ground mounted.
- Use FL12 clamp kit for attaching light fittings to a pole.
- Use FL40 pole mount kit to mount solar panel and battery box to a pole.
- A FL11 support arm may be purchased for mounting light fittings.



Optional Accessory: FL40



PART #1



PART #2



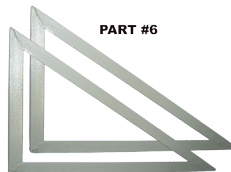
PART #3



PART #4



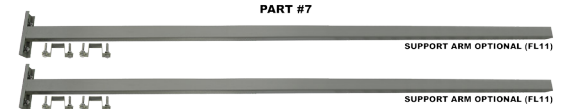
PART #5



PART #6



PART #7



PART #7

SUPPORT ARM OPTIONAL (FL11)

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