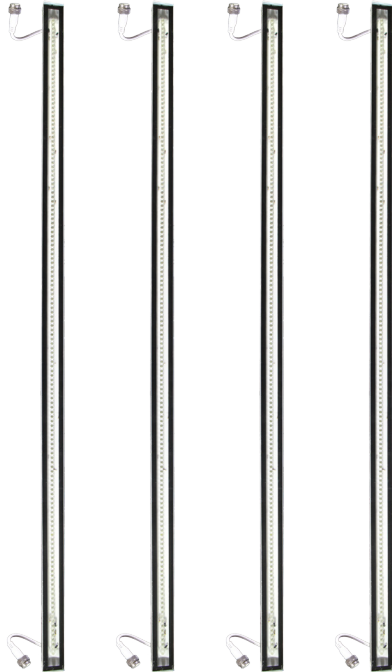




FL18

Solar 144 LED Four Light Bar Sign Light System



TECHNICAL SPECIFICATIONS

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

PERFORMANCE

- Operates up to 12 hours or more in ideal conditions, subject to the solar panel wattage and other factors.
- Up to 24 hours of autonomy subject to time length of night time illumination.
- Each light bar can illuminate a sign up to 4 metres x 4 metres.

LIGHT FITTING

- Supplied with four weatherproof LED light bar fittings.
- 144 hyper-bright LED's within each light bar.
- Each LED provides 6 Lumens at source. Total 864 Lumens.
- 3456 Lumens total with all light bars in use.
- The LED light bars are replaceable if required and have a typical lifespan of over 50,000 hours.
- The weather resistant I.P 65 rated LED bars have approx. 15 metres (48') of pre-wired cable.
- The light bars are supplied with adjustable mounting brackets.
- Each LED light bar is approx. 100cm x 3 cm x 3cm (3' 3" x 1" x 1") LxWxD.

BATTERY

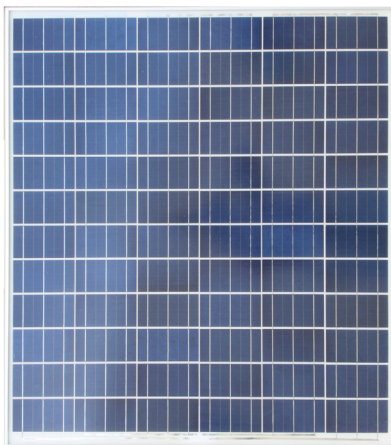
- 24 volt dc system.
- Two, high capacity 12 Volt 79 Amp/Hr sealed lead acid batteries are required (not included).
- Batteries must be connected together in series.

BATTERY BOX

- A remote battery box is supplied to accommodate the batteries, and controller.
- The battery box has a hinged lid which is lockable (padlock not included).
- The battery box has an integral battery shelf which also houses the programmable control module.
- The battery box has sockets for each LED light bar fitting, and solar panel.
- 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. 56cm x 36cm (22" x 14") LxW

CONTROL MODULE

- This system includes a programmable control module and regulates and manages the solar panel power, battery power and illumination timer.
- 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 ✓

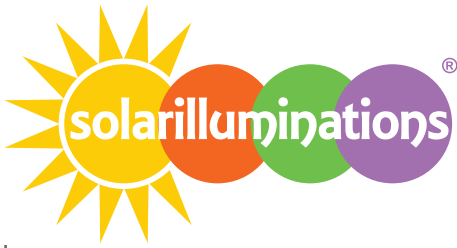
UK & Ireland
Shipping ✓

Lifetime
Tech Support ✓

Communications House, 26 York Street, • London, W1U 6PZ • Great Britain • Phone: 020 7873 2262 • Fax: 020 7806 8372

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

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



FL18

Solar 144 LED Four Light Bar Sign Light System

SOLAR PANEL

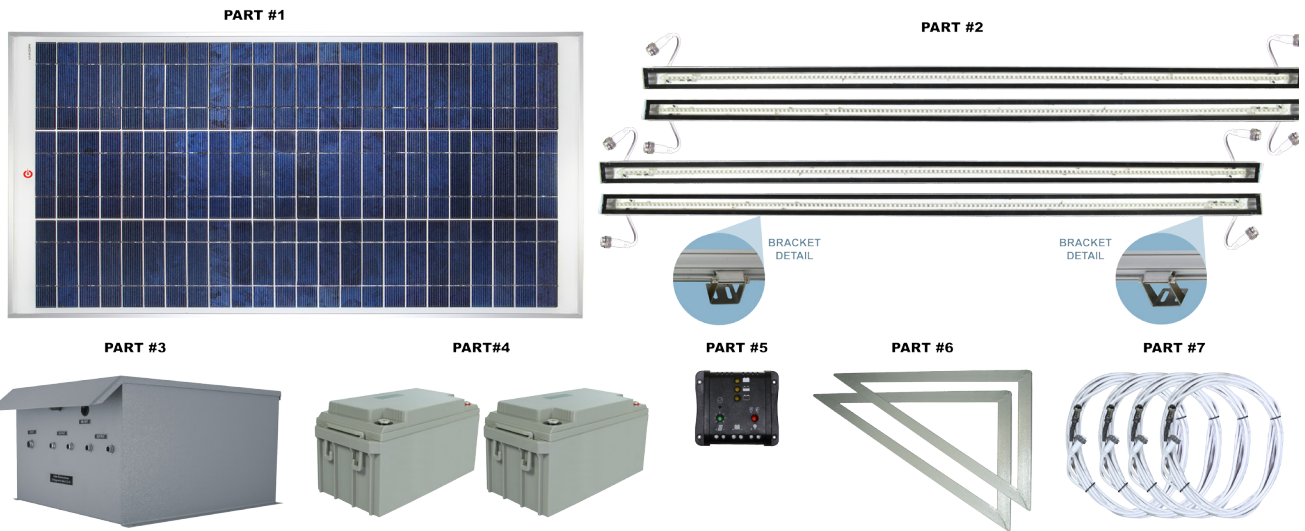
- Aluminium framed, 140 watt solar panel is included.
- Solar panels may be supplied in a dual format (2 x 70w = 140w) and can be framed together as one.
- Approx. 5.5 metres (18') of pre-wired cable is supplied to attach solar panel to the battery box.
- The 140w solar panel dimensions approx. 114cm x 102cm x 5cm (45" x 40" x 2") LxWxD.
- 70w solar panel dimensions approx. 91cm x 67cm x 4cm (36" x 26.5" x 1.5") LxWxD
- The 140w solar panel support/mounting frame requires a footprint of approx. 97cm x 112cm (38" x 44") LxW.
- 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").



Optional Accessory: FL40

INSTALLATION

- Easy to install. All connections are simply plug & play.
- A pair of triangle shaped support frames are supplied for the solar panel.
- Light fittings include adjustable mounting brackets.
- Consider purchasing a FL40 pole mount kit to attach solar panel, and battery box onto a pole.



*SUBJECT TO OUR TERMS & CONDITIONS, AND RETURNS POLICY

One Year*
Warranty ✓

Low Price
Guarantee ✓

No Quibble*
Returns ✓

UK & Ireland
Shipping ✓

Lifetime
Tech Support ✓

Communications House, 26 York Street, • London, W1U 6PZ • Great Britain • Phone: 020 7873 2262 • Fax: 020 7806 8372

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

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