



# FL81

## Solar LED Mini Spotlight System

### TECHNICAL SPECIFICATIONS

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

#### PERFORMANCE

- One or two mini spotlights are included in this system.
- Operates up to 12 hours in ideal conditions.
- Up to 24 hours of autonomy subject to time length of night time illumination.

#### LIGHT FITTING

- The light is fitted with three 1w SMD/LED's.
- Total 270-300 Lumens per lamp (subject to colour temperature).
- LED beam angle is approx. 60 degrees.
- Choice of white, warm white or RGB (multi-colour LED)
- White LED color temperature is approx. 6000-6500K.
- Warm white LED color temperature is approx. 3000-3500K.
- RGB LED provides 16 different colours, dimmable feature and colour changing option.
- RGB model comes complete with a IR remote control.
- The light is fitted with approximately 5.5 metres (18') of pre-wired cable which is pre-plugged ready for easy connection to the battery box. Additional extension cable is available (upon request) as an option.
- The light fitting is weather rated to I.P 65. and is fitted with a U shape mounting bracket.
- Light fitting dimensions approx. 8cm long x 8cm diameter (3" long x 3" diameter).

#### BATTERY

- One high capacity 12 Volt 18 Amp-Hr sealed lead acid battery is supplied.
- Battery type is AGM. Gel battery is available by special order.

#### BATTERY BOX

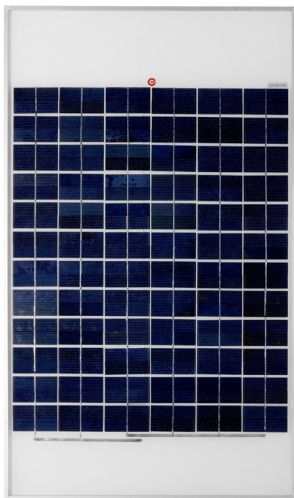
- A plastic weatherproof battery box is supplied to accommodate the battery.
- The battery box has a removable front which is lockable (padlock not included).
- The battery box also houses the controller.
- The battery box is approx. 27cm x 20cm x 12cm (10.5" x 8" x 4.5") LxWxD.

#### 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 lamp.
- 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 need to program or re-program the module\*.

#### SOLAR PANEL

- Aluminium framed 40 watt solar panel is included and is fitted with approximately 3 metres (10') of cable/cord. Additional cord is available as an optional extra.



**One Year\***  
Warranty ✓

**Low Price**  
Guarantee ✓

**No Quibble\***  
Returns ✓

**UK & Ireland**  
Shipping ✓

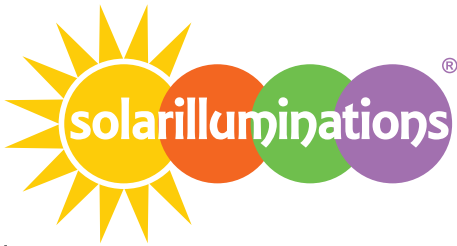
**Lifetime**  
Tech Support ✓

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)**

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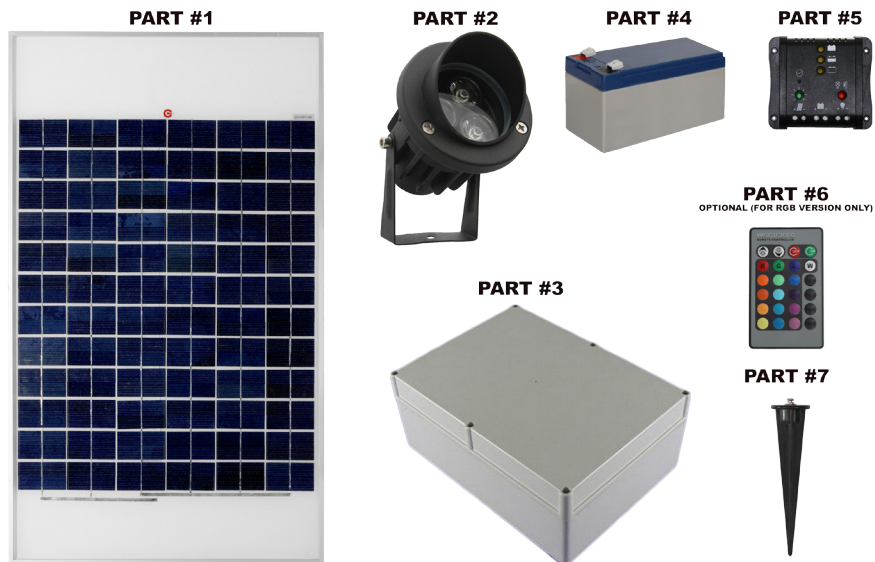
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- The solar panel cable connects directly to the battery box.
- The 40w solar panel dimensions approx. 84cm x 51cm x 4cm (33" x 20" x 1.5") LxWxD.

### INSTALLATION

- Easy to install.
- All connections are simply plug & play.
- Solar panel is supplied with triangular brackets for mounting.
- Light fitting is supplied with bracket.



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