



FL60

Solar Mini LED Sign Light System

TECHNICAL SPECIFICATIONS

Manufactured in an ISO9001:2008 'Quality Assured' facility.

GENERAL

- This system is typically offers 6 hour illumination time.
- User programmable illumination time (dusk to dawn or for example dusk for 6 hours, dusk for 7 hours, dusk for 8 hours etc).
- One light fixture is included in this system.
- The fixture is fitted with powerful 10w SMD/LED.
- Total 800-950 Lumens per lamp (subject to color temperature).
- LED beam angle is approx. 120 degrees.
- Choice of white, or RGB (multi-color LED)
- White LED color temperature is approx. 6000-6500k.
- RGB LED provides 16 different colors, dimmable feature and color changing option.
- RGB model comes complete with a IR remote control.
- The light fixture is fitted with approximately 18' of pre-wired cable which is pre-plugged ready for easy connection to the battery box. Additional extension cable is available as an optional extra.
- All connections are simply plug & play.
- The light fixture is weather rated to I.P 65, and is fitted with a U shape mounting bracket.
- The fixture mounting bracket has pre-drilled holes to allow fixing using screws or bolts (not included).
- Gray colored finish of light fixture.
- Light fixture dimensions approx. 4.5" x 3.5" x 3" (11cm x 9cm x 8cm) LxWxD.
- Up to 3 days of autonomy (subject to time length of night time illumination and other factors).

BATTERY BOX

- A plastic weatherproof battery box is supplied to accommodate the 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.
- The battery box also houses the PCB controller.
- 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, input connections for solar panel and batteries and output connections for the lamp.
- User or installer can set the control module to run from dusk and then shut off after a certain amount of hours.
- The battery box is approx. 10.5" x 8" x 4.5" (27cm x 20cm x 12cm) LxWxD.

SOLAR PANEL

- High quality, aluminum framed, powerful 20 watt solar panel is included and is fitted with approximately 10' of cable/cord. Additional cord is available as an optional extra.
- The solar panel cord connects directly to the battery box.
- Solar panel features a U-shaped bracket to allow mounting.
- The 20 w solar panel dimensions approx. 22.5" x 14" x 1" (57cm x 36cm x 3cm) LxWxD.



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