LK01
Solar Indoor Light System (Basic Lighting Kit)

TECHNICAL SPECIFICATIONS

Fixture
- This is a 1 lighting zone system.
- Several light fixtures can be installed on each lighting zone, as required.
- The light fixtures are not included in this system.
- You can only use a light fixture selected from the choice offered by Solar Illuminations.
- We do not support usage of any other light fixtures with this system.
- For a maximum, daily, continuous illumination time of 2 hours up to approx. 45w of LED lighting can be used total.
- For a maximum, daily, continuous illumination time of 4 hours up to approx. 25w of LED lighting can be used total.
- For a maximum, daily, continuous illumination time of 6 hours up to approx. 10w of LED lighting can be used total.
- Wattage is a measurement of power and not light output. Light output is measured in Lumens. LED lighting uses very little Wattage but can provide a very high Lumen output. This ratio of Lumens per Watt is ideal where the Lumen value is high and the Wattage is low.

Remote
- A hand held 1-channel remote control is included to control the 1 lighting zone.
- The remote control allows the user to switch the lights on or off.
- Additional remote controls are available (if required) as an optional extra.
- A 1-channel receiver unit is included (channel 1 = lighting zone 1).
- All LED lights that are connected to lighting zone 1 will turn on or off together.
- A battery box is supplied to accommodate the battery.

Battery Box
- The battery box can be used or installed indoors or outdoors. It may also be installed in a garage or in the attic or roof space.
- A 12 Volt 10 Amp/Hr sealed lead acid battery is supplied.
- Battery type is AGM. Gel batteries are available by special order.
- The battery box also has a receptacle for a light fixture or lighting zone to be connected.
- This system includes a 5 Amp charge control module which regulates and manages the solar panel power and battery power.
- The charge controller has LED indicators to display charging status, battery status and has input connections for solar panel and batteries.

Solar Panel
- A high quality, aluminum framed, 20 watt solar panel is included and is fitted with approximately 18’ of cable/cord.
- The solar panel can be installed on a roof, on a wall, on a patio or deck or just about anywhere where it can get direct sunshine.
- The solar panel cord connects directly to the battery box.
- Solar panel has a U shape support bracket to attach to a vertical or horizontal surface.
- Most connections are simply plug & play.
- The 20w solar panel dimensions approx. 22.5” x 14” x 1” (LxWxD).
- The battery box is approx. 10.5” x 8” x 4.5” LxWxD
- The battery is approx. 6” x 4.5” x 2.5” (LxWxD).
- This system is capable of operating one or more LED lamps for up to several hours each night (subject to the quantity of lamps connected and/or the wattage of the lamps connected).
- Up to 3 days of autonomy (subject to system specifications, time length of illumination usage and other factors).

*SUBJECT TO OUR TERMS & CONDITIONS AND RETURNS POLICY

One Year Warranty  Low Price Guarantee  No Hassle Returns  Worldwide Shipping  Lifetime Tech Support

5611 Halifax Avenue • Fort Myers • FL • 33912 • USA • Phone: 239-461-5522 • Fax: 239-337-7887
MONDAY - FRIDAY 10.00AM - 4.00PM (US EASTERN TIME)
www.solarilluminations.com • sales@solarilluminations.com