



LK02

Solar Indoor Light System (Standard Lighting Kit)

TECHNICAL SPECIFICATIONS

Fixture

- This is a 2 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. 100w of LED lighting can be used total, for all lighting zones combined.
- For a maximum, daily, continuous illumination time of 4 hours up to approx. 50w of LED lighting can be used total, for all lighting zones combined.
- For a maximum, daily, continuous illumination time of 6 hours up to approx. 35w of LED lighting can be used total, for all lighting zones combined.
- 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 2-channel remote control is included to control all lighting zones independently.
- 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 2-channel receiver unit is included (channel 1 = lighting zone 1, channel 2 = lighting zone 2).
- All LED lights that are connected to lighting zone 1 will turn on or off together. All LED lights that are connected to lighting zone 2 will turn on or off together.

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.
- Two high capacity 12 Volt 18 Amp/Hr sealed lead acid batteries are 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, powerful 45 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.
- The 45w solar panel dimensions approx. 34.5" x 20" x 1.5" (LxWxD).
- A pair of solar panel support brackets are supplied to enable the solar panel to be wall, roof or ground mounted (using a concrete pad or large paver).
- The solar panel support brackets (if used) are approx. 32" x 15" (LxW).
- The battery box is approx. 14" x 7" x 7" LxWxD
- Each battery is approx. 7" x 7" x 3" (LxWxD).
- Up to 3 days of autonomy (subject to system specifications, time length of illumination usage and other factors).



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