

sunlite®

INSTALLATION INSTRUCTIONS


LED RECTANGLE BRACKET FIXTURE | 82090-SU

Please read and understand this entire manual before attempting to assemble, operate or install the product.

WARNING: Avoid fire or electric shock. Follow installation instructions carefully. If unsure about electrical installation, consult a qualified electrician. Wear rubber-soled shoes and work on a sturdy wooden ladder. Ground fixture to avoid potential electric shock. Handle metal parts carefully to prevent cuts.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Turn off the power at fuse or circuit breaker box before installation and maintenance. NOTE: This fixture is suitable for 120-277 Volt fused circuits. Fixture must be installed according to National Electric Code and local building codes. If you are unsure about wiring, consult a qualified electrician. Suitable for Damp Locations.

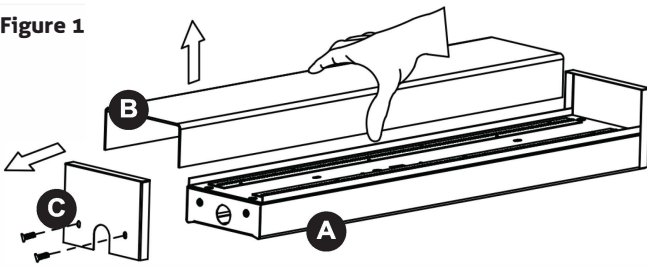


DIMMABLE

Compatible with most wall based 0-10V dimming controllers

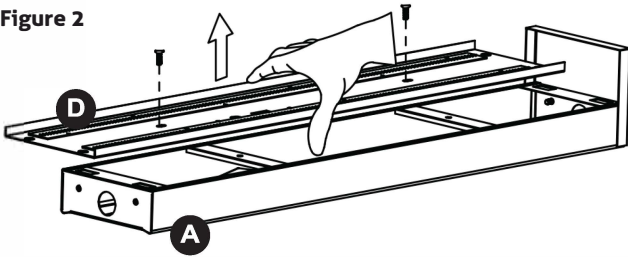
Installation

Figure 1



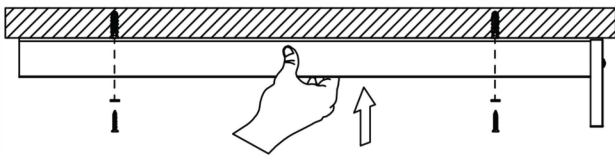
Remove lens (B) from fixture (A) by removing screws from side panel (C).

Figure 2



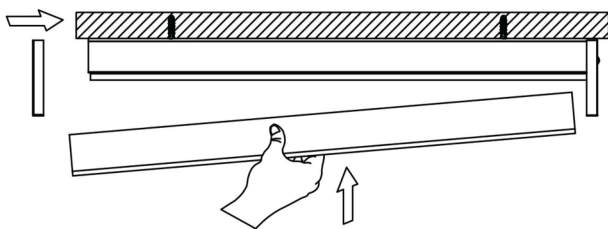
Remove LED panel (D) from fixture (A) by removing screws.

Figure 3



Mark locations of mounting holes at both ends of the fixture and drill pilot holes into ceiling studs. Secure fixture to ceiling using wood screws.

Figure 4



Place lens back onto fixture and secure with side plate and screws.

Features

- Meet most of safety standards for lighting
- Standard EN6134-1, EN61347-2-7, EN61347-2-13, UL924
- External LifePO4 battery
- Battery protections: Over charge protection, over discharge protection, short circuit protection
- The batteries meet 500 cycles of standard CH and standard DCH
- Constant output power (Auto-sensing output within each range)
- RoHs compliant.

Specifications

- Universal input Voltage: 100-277Vac, 50/60Hz
- AC Input Current: 100mA max.
- AC Input Power Rating: 7.0W max
- Output Current and Voltage: 250-480mA 25V-48Vdc
- Output Power: 20W max.
- Emergency Time: 1H,2H,3H.
- Test Switch Indicator Light: Illuminated Test Switch, Re, Green, Yellow indicator Light
- Battery: LifePO4 Battery
- Battery Charging Current: 250mA
- Charging Time: 24Hours

Operation

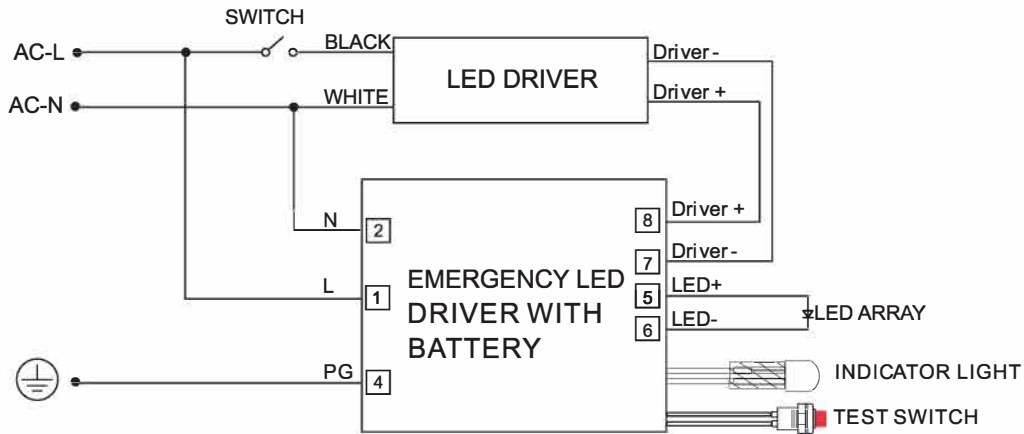
Emergency operation: When the AC power goes out, The emergency driver detects the AC power outage and automatically switches to the working emergency mode. The red LED light "on" indicates that it is discharging, the red LED flashes to indicate low battery power. The red LED light "off" indicates that the discharge is complete. When the AC power is restored, The emergency driver reverts back to AC power working and starts re-charging.

Malfunction operation: When the emergency LED driver is faulty, the yellow LED goes on.

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INSTALLATION INSTRUCTIONS (CONT.)

Wiring Diagram



1. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
2. TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.

