

EMERGENCY KIT FOR MRC2 CANOPY LIGHT

INSTALL INSTRUCTIONS FOR EMB-MCR2-8W-U



PLEASE USE A QUALIFIED ELECTRICIAN FOR INSTALLATION. Read the instructions before installing or use of the luminaire.

When using electrical equipment, basic safety precautions should always be followed, including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- **IMPORTANT:** Customers are advised to charge the emergency LED driver for 24 hours every 6 months during storage.
- Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of the LED Emergency Backup. Check for enclosed wiring and components.
- Risk of fire or electric shock. This LED Emergency Backup installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician. Before installing, make certain the AC power to the fixture is off.
- The electrical rating of this product is 100–277 Vac. The installer must confirm that there is 100–277 Vac to the fixture before installation.
- To prevent electrical shock, only mate the unit connector after installation is complete and before the AC power to the fixture is turned back on.
- Do not use outdoors.
- This LED Emergency Backup unit requires an unswitched AC power source of 100–277 Vac, 50/60 Hz. The AC driver must be on the same branch circuit as the LED Emergency Backup unit.
- Do not let power supply cords touch hot surfaces.
- Do not mount near gas or electric heaters.
- Do not connect the battery pack connector until all other wiring is complete and AC power is on.
- The emergency LED driver is for use with grounded, UL-listed LED luminaires, shall be enclosed by the LED luminaire, and bonded to the grounding of the LED luminaire.
- Verify that all replacement lamp types marked on the installed luminaire are also identified as suitable for use with this emergency battery pack.
- The battery pack is fixed by a screw, and the indicator lamp is attached to the shell of the luminaire by 3M tape.
- Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Do not use this equipment for other than its intended use.
- Use with grounded, UL-listed, dry- or damp-location-rated fixtures.

IMPORTANT

- Charge the battery consistently for >24 hours for the first time usage to activate the whole battery cells of discharging/charging duration.
- To maintain good battery lifespan during storage and warranty coverage, recharge emergency driver every 6 months. Maximum storage time is 12 months. If customers don't install and recharge for more than 12 months, the batteries may be damaged.
- Lighting fixture manufacturers, electricians, and end-users need to ensure product system compatibility before final installation.

WHEN USED WITH MRC2 CANOPY LIGHT

- Operating temperature range: 32°F thru 104°F
- The Emergency Box and Driver are rated for damp locations only (IP20).

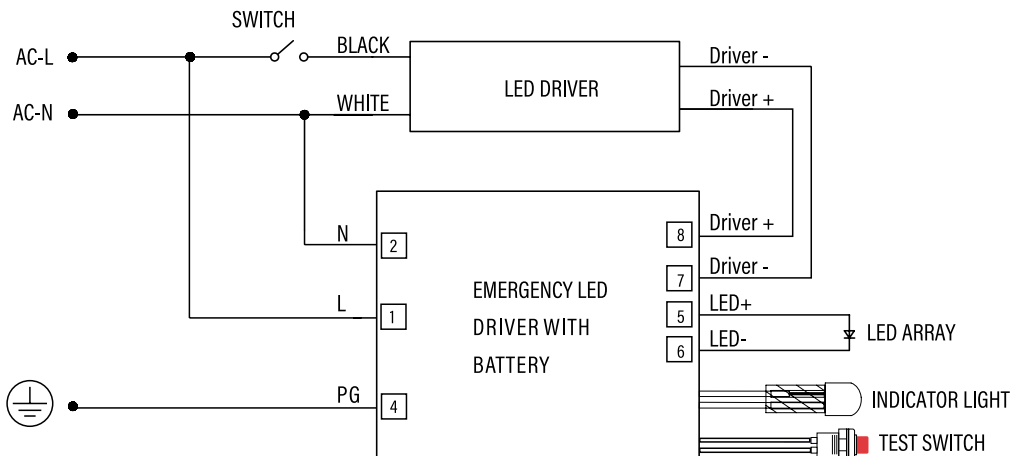
OPERATION



WARNING DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

Normal Mode: AC power is present. The AC driver operates the LED load as designed. AC LED Driver output current can not exceed 4A. The emergency driver is in the standby charging mode. The indicator light will be lit providing a visual indication that the battery is being charged.

Emergency Mode: When AC power fails, the emergency driver detects the outage and automatically switches to emergency mode. In this mode, it operates the LEDs at a reduced output for at least 90 minutes. Once AC power is restored, the emergency driver switches back to normal mode and begins recharging the battery.



NOTE:

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

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EMERGENCY KIT

WARNING DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

IMPORTANT

The EM power box must be connected to an unswitched 24/7 supply on the same circuit as the switched fixture, to operate properly. The EM power box and the fixture must both be connected to a shared ground-wire.

