

Emergency Backup Installation Instructions

SAFETY INFORMATION

IMPORTANT

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE NATIONAL ELECTRICAL CODE AND LOCAL BUILDING CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

PRECAUTIONS

- Please read and understand this entire manual before attempting to assemble, install, or operate this accessory.
- Some codes require installation by a qualified electrician.
- Make sure connections are secure using wire nuts, crimp-on lugs or other approved connecting devices.



WARNING: Turn the power off at the circuit breaker or fuse. Place tape over the circuit breaker switch and verify power is off at the light fixture.



CAUTION: Burn hazard. Allow the light fixture to cool before touching.



NOTICE: If using dimming function, could connect to 0-10V approved or triac dimming switches or control system



NOTICE: FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authorization to operate this equipment.



INFORMATION: The device is tested and found to comply with Part 15 of the FCC Rules. Operation is subject to two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including any interference that may cause undesired operation. These limits are designed to provide reasonable protections against harmful interference when the equipment is operated in a commercial environment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

DIMMER RECOMMENDATION

Recommended Triac Dimmer					Recommended 0-10v Dimmer		
LUTRON		LEVITON			LUTRON		LEVITON
CTCL-153PDH-WH	MSCL-OP153M	CT-103PR-WH	DWVCL-153PH	DVRF-6L	6672	RNLD6	
TCCL-153PH-LA	PD-6WCL				6674	DSL06	
DVCL-153P	SZ-LFSQH-WH	MACL-153MR	RCL-153RNL	CTEL-150H			

INSTALLATION

Follow the steps below to install your Emergency Backup

TOOLS REQUIRED



Philips
Screwdriver



Wire
stripper



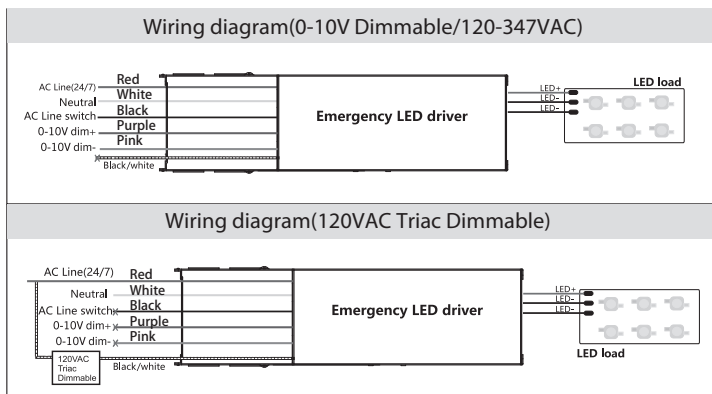
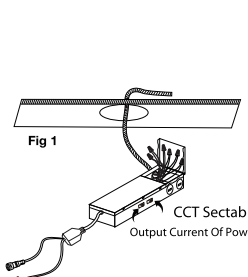
Electrical
tape

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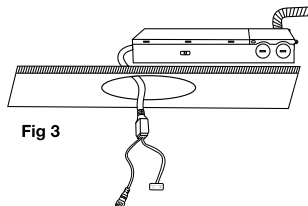
STEP 1: Prepare for Installation

- Turn Off Power: Ensure the power is off before beginning installation.
- Prepare the Emergency Power Supply: Open the emergency power supply cover, remove the required knockouts, and insert a cable clamp (not included).
- Wire Preparation: Follow the color-coded wiring diagram to make connections.



STEP 2: Mount the Emergency Power Supply

- Insert into Mounting Hole: Install the emergency power supply into a ceiling hole larger than 3 7/64 inches (79mm) for proper fit (see Fig 2 and Fig 3).
- Secure the Unit: Use screws to secure the emergency power supply firmly in place.

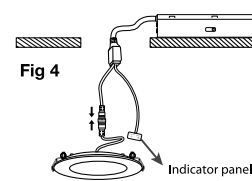


STEP 3: Connect to Fixture

- Attach Power Cable: Connect the fixture's power cable to the emergency power supply as per the wiring diagram (see Fig 4).
- Secure Connections: Use wire nuts for all connections and wrap with electrical tape for extra security.

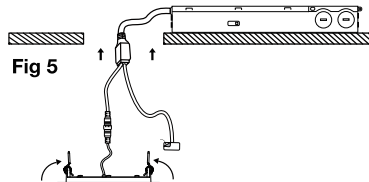
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STEP 4: Attach the Indicator Light

- Position the Indicator Light: Peel the adhesive backing and attach the indicator light to a visible location on the fixture.
- Install the Fixture: Push the fixture's spring clips into the ceiling mounting hole and release to lock the fixture in place flush with the ceiling (see Fig 5).



STEP 5: Test the Installation

- Power On: Turn the power back on at the breaker.
- Test the Emergency Mode: Press the test switch to enter emergency mode. The indicator light should respond as follows:
 - Red Light On: Charging mode or fully charged.
 - Red Light Off: Discharge mode or battery not connected.

Operation Instructions

1. Normal Mode: When AC power is connected, the battery will charge. A red indicator light means the battery is charging. Once fully charged, the red light will remain steady.

2. Emergency Mode: During a power outage, the emergency backup will automatically supply power to the fixture. The red light will turn off in this mode.

3. Testing the Emergency Mode:

- Press the test switch to activate emergency mode. Release the switch to return to charging mode.
- In emergency mode, holding the test switch for 3 seconds will turn off emergency mode.

Battery Maintenance: To maintain battery lifespan, discharge and recharge the battery at least once every three months. Do not leave the battery idle or continuously charged for more than six months.

Important Wiring Identification

- Red Wire: Input live (connected to black live wire).
- White Wire: Input neutral.
- Brown Wire: Live output to fixture.
- Blue Wire: Neutral output to fixture.
- Green Wire: Ground, connected to fixture ground and equipment ground.

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Care and Maintenance

- Routine Testing: Test the emergency mode monthly to ensure functionality.
- Battery Care: Discharge and recharge the battery every three months to maintain performance.
- Storage: If stored, fully charge the battery every six months to prevent capacity loss.

Note: All wiring and installation should comply with local electrical codes and be performed by a licensed electrician.

Additional Information

- Model Compatibility: Ensure that your luminaire is compatible with the installation setup.
- Troubleshooting: If the fixture does not illuminate, ensure all wiring connections are secure and the power supply is correctly connected.

Warranty Information

This product is warranted to be free from defects in materials and workmanship for a period of five (5) years from the date of purchase. If the product fails within this period due to a defect in materials or workmanship, Manufacturer will, at its discretion, repair or replace the product free of charge. This warranty does not cover damage caused by improper installation, misuse, abuse, or modifications to the product. Normal wear and tear, incidental or consequential damages, or labor costs associated with installation or removal are not covered under this warranty. To make a claim, please retain the original purchase receipt and contact our customer service team.