



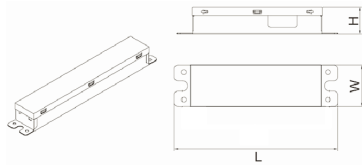
Specifications

Item - 37122C
Model - EMERGENCY DRIVER FOR TROFFER(37121A/37122A)
Input Voltage - 120-277VAC 50/60Hz
Output Voltage - 11-56VDC
Power - 8W
Recharge Time - 24 Hours
Discharge Time - ≥90 minutes
Ambient Operating Temp - 32°F to 122°F (0°C to 50°C)
Battery Type - LiFePO4/9.6V/1500mAH

Dimensions

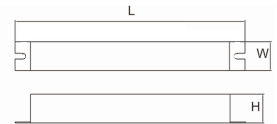
Emergency LED Driver:

Length - 5.89" (149.6mm)
Width - 1.72" (43.6mm)
Height - 1.00" (25.4mm)



Emergency LED Battery:

Length - 9.45" (240.0mm)
Width - 1.10" (27.9mm)
Height - 0.84" (21.3mm)



Function

SELF-TESTING:

Please turn off the main power every 3 months, so as to let the battery operate a charging/discharging cycle. This will help the battery maintain a longer lifespan.

Please check the emergency function with the push test button.

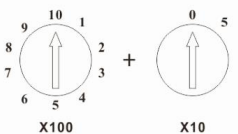
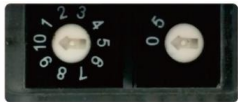
NOTES:

Sealed unit. The battery is not replaceable, replace the entire unit when necessary.

TEST Switch:

Emergency conversion kit will go into emergency mode if test switch is pressed when main supply is on, it will go into charging mode if test switch is not pressed.

Program Switch



Programmable Constant Current

- Pre-set by factory.
- Adjusting it from the preset will alter the emergency runtime.

!IMPORTANT SAFEGUARDS!

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTION SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING

Read And Follow All Safety Instruction

1. CAUTION- DO NOT MOUNT NEAR GAS OR ELECTRONIC HEATERS.
2. CAUTION- EQUIPMENT SHOULD BE MOUNTED IN LOCATIONS AND AT HEIGHTS WHERE IT WILL NOT BE SUBJECTED TO TAMPERING BY UNAUTHORIZED PERSONNEL.
3. CAUTION- THE USE OF ACCESSORY EQUIPMENT NOT RECOMMENDED BY THE MANUFACTURER MAY CAUSE AN UNSAFE CONDITION.
4. CAUTION- DO NOT USE THIS EQUIPMENT FOR OTHER THAN ITS INTENDED USE.
5. Use with grounded, UL Listed, damp location rated fixtures and case should be grounded.
6. The equipment is intended for ordinary locations and for permanent installation into one or more Listed luminaires.
7. Not for use in outdoor environments, heated air outlets, or hazardous locations.



CAUTION: before installation, make certain the A.C. power is off.

STEP1: INSTALLING THE EMERGENCY LED DRIVER

- > Test button and indicator light shall be installed where they can be seen depending on the application.
- > Turn off the AC power before installing.

STEP2: WIRING THE EMERGENCY DRIVER

- > The EMB and AC driver must be on the same branch circuit.
- > Select the appropriate wiring diagram to connect the emergency driver to the AC driver. For other diagrams, consult the manufacturer.
- > Use wire nuts to cover unused wires and make sure all connections are in accordance with the NEC and any local regulations.

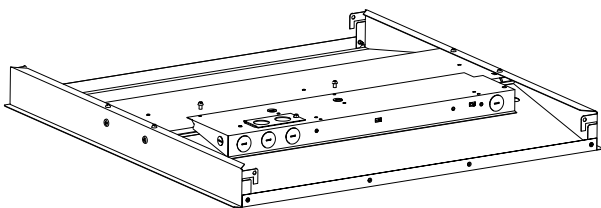
STEP3: TESTING

- > After wiring is complete, check if the indicator light turns on or not, which will indicate the battery's charging status.

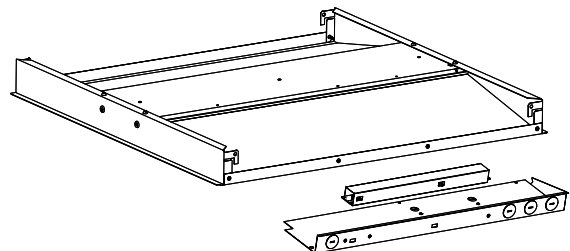
Installation Instruction

Step 1

Remove the original driver.

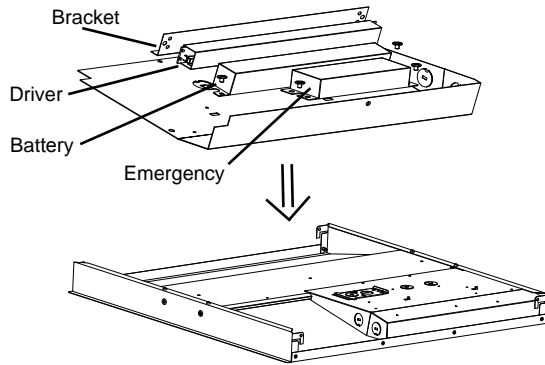


Remove the screws shown to take off the driver compartment.



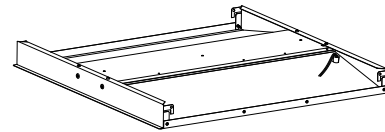
Detach the driver from the plastic push pins on the driver compartment.

Step 2

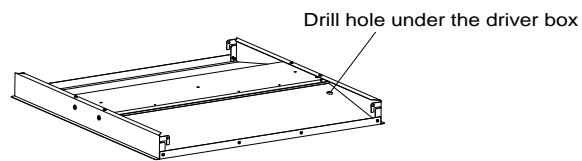


Test switch installation

Type 1 Mounted on reflector



Type 2 Mounted on wall
(Not included)



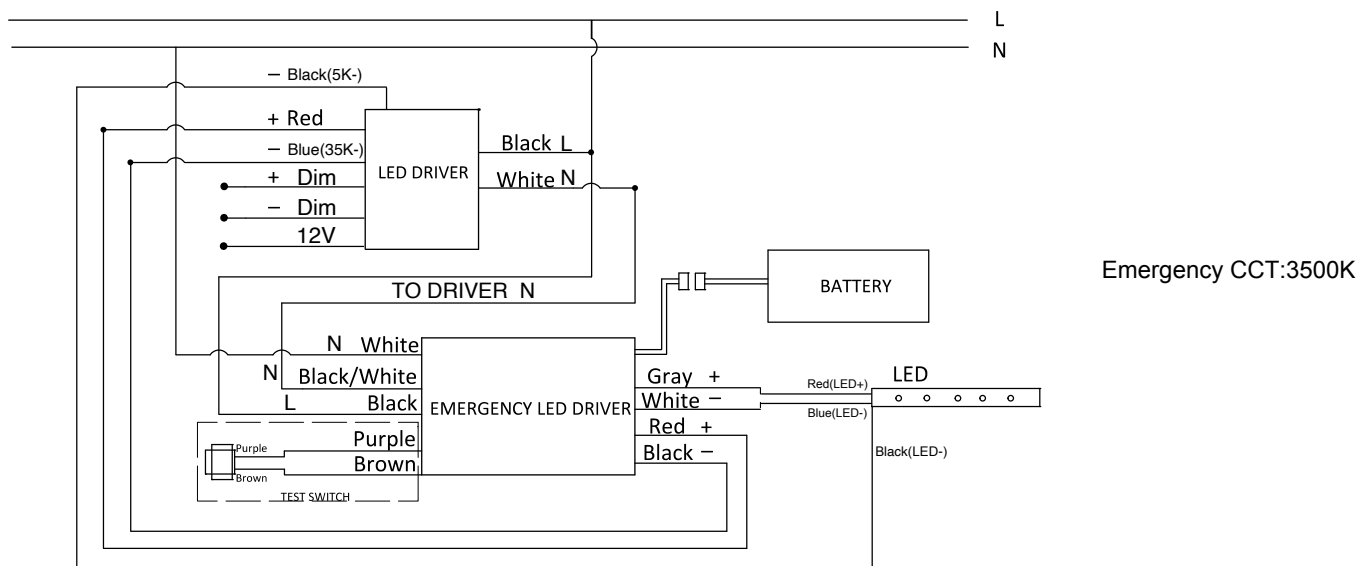
Attach the driver to the bracket using the included plastic push fasteners. Mount the driver and bracket to the larger driver compartment using the supplied screws. Next, mount the battery and emergency driver to the larger driver compartment using the supplied screws.

Make the wiring connections as shown in the wiring diagram. Attach the completed unit to the fixture. Install the test switch for your use case.

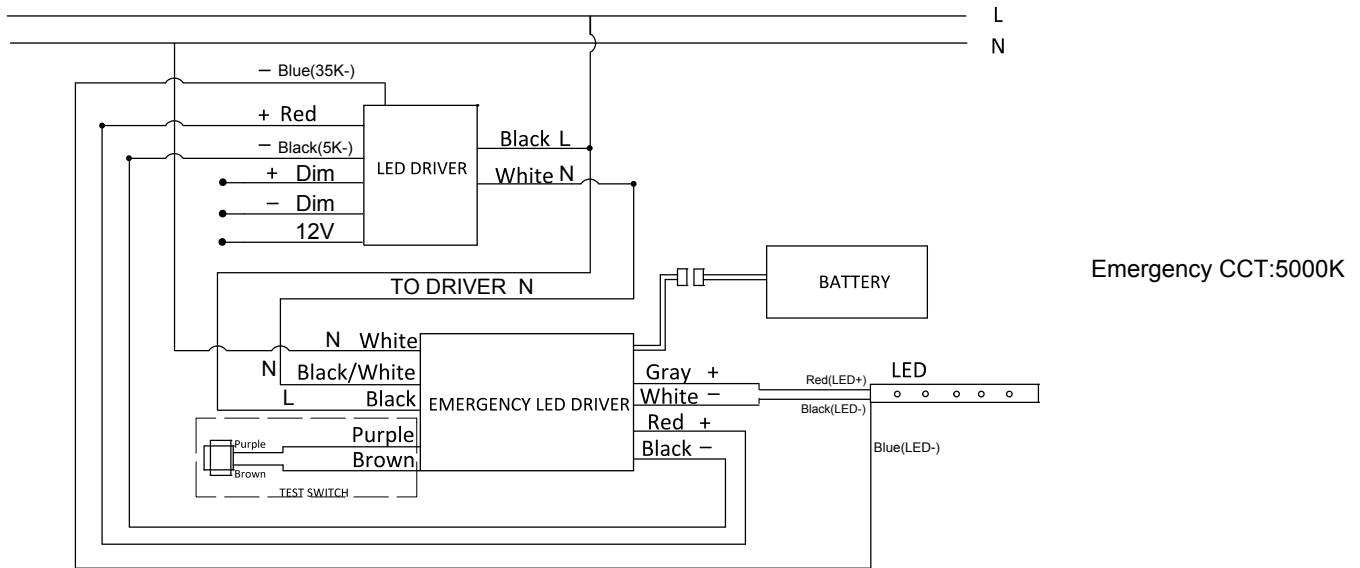
The installer must use the correct diagram based on the driver output wire colors. There are two different possible options: Red, Blue, and White or Red, Blue, and Black. Choose the diagram determined by your fixture's driver output wire colors.

Note: When installing the emergency driver (37122C) for the troffer, you must choose the 35K or 5K wiring diagram below, depending on which CCT you want in emergency mode. For 4K in emergency mode, either diagram can be used. Once installed, choose the corresponding CCT from the switch on the panel to match the chosen CCT for emergency mode.

Wiring Diagram for Troffers with LED driver output wires red, blue, and black only.



EMERGENCY DRIVER FOR TROFFER



Wiring Diagram for Troffers with LED driver output wires red, blue, and white only.

