

## Specifications

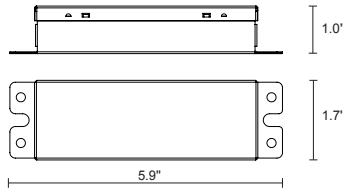


Item - 37122E  
Model - EMERGENCY DRIVER FOR TROFFER (37121E/37122D)  
Input Voltage - 100-277VAC 50/60Hz  
Output Voltage - 15-54VDC  
Power - 9W  
Recharge Time - 24 Hours  
Discharge Time - ≥90 minutes  
Battery Type - LiFePO4/6.4V/3.2Ah/20.48Wh  
Ambient Operating Temp - 50°F to 140°F (10°C to 60°C)  
- Suitable for Dry/Damp indoor locations

## Dimensions

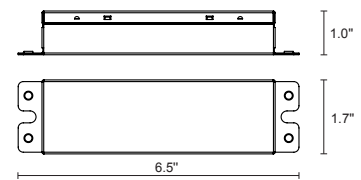
### Emergency LED Driver:

Length - 5.90" (149.0mm)  
Width - 1.70" (43.5mm)  
Height - 1.00" (25.4mm)



### Emergency LED Battery:

Length - 6.5" (165.0mm)  
Width - 1.70" (43.5mm)  
Height - 1.00" (25.4mm)



## 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:

It's suggested that the end user should not replace the battery pack themselves. Please contact the manufacturer for the battery model information and instructions.

### 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.

## !IMPORTANT SAFEGUARDS!

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

## Read And Follow All Safety Instructions

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 the 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 AC power is off.**

**STEP 1 : 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.

**STEP 2: 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.
- > The fixture must be grounded.

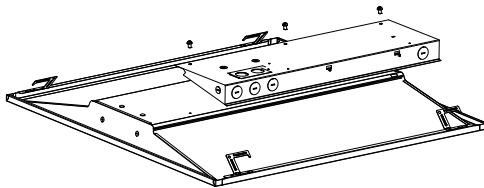
**STEP 3: TESTING**

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

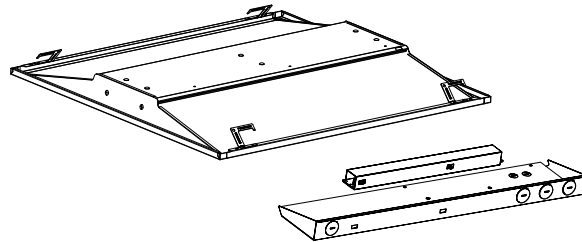
[Installation Instruction](#)

**Step 1**

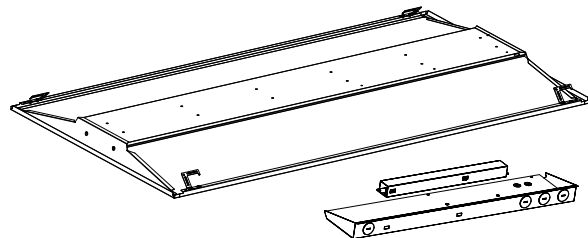
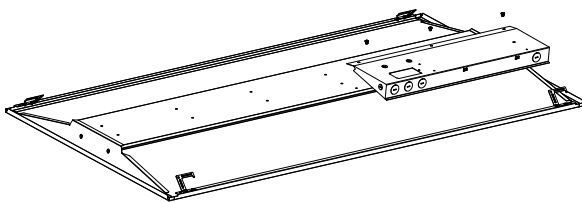
Remove the original driver.



Remove the screws holding the driver cover to the fixture.



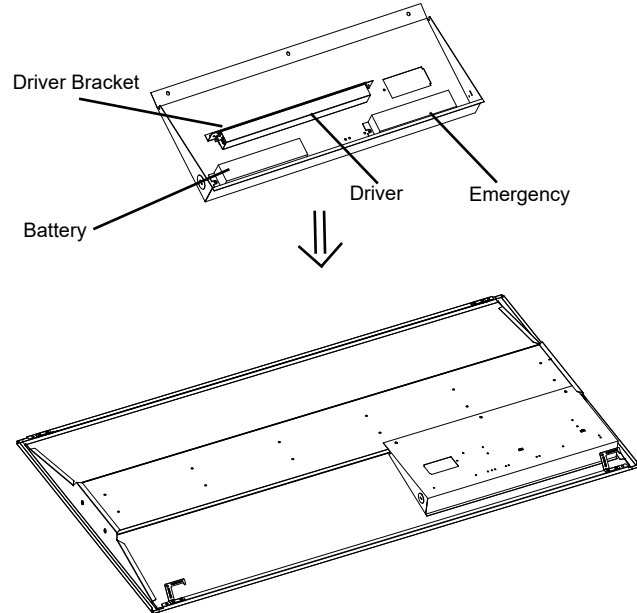
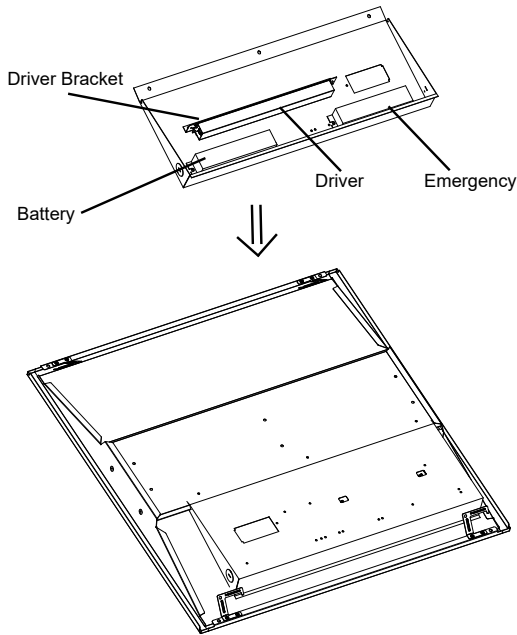
Disconnect the driver from the original driver cover. Put aside the original cover as it will not be used.



## Step 2

Attach the driver to the driver bracket using the plastic push fasteners taken from the original driver cover. Next, attach the driver bracket to the larger driver cover in the kit using the included screws. Attach the emergency driver and battery to the larger driver cover using the included screws. Follow the wiring diagram and wire the emergency driver to the fixture. Mount the completed driver cover to the fixture using the original screws.

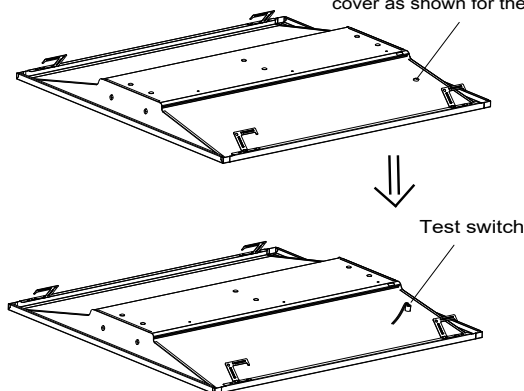
Please make sure to connect the wires according to the wiring diagram.



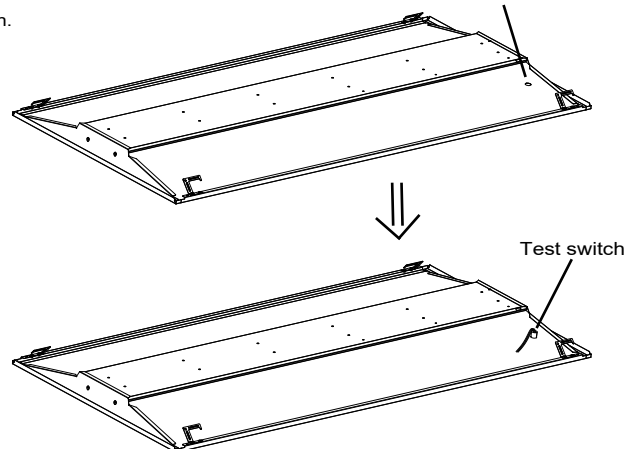
## Test switch installation

Type 1 Mounted on the reflector.

Drill a 1/2" hole under the driver cover as shown for the test switch.



Drill a 1/2" hole under the driver cover as shown for the test switch.



Type 2 Mounted on the wall (Cover plate not included)



## Wiring Diagram

Note: When installing the emergency driver (37122E) for the 2x2 or 2x4 troffers, you must choose the 35K or 5K wiring diagram below. This will depend 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 troffer to match the chosen CCT for emergency mode.

