

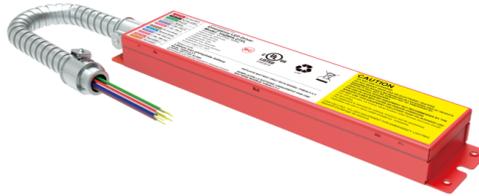
# INSTRUCTIONS

## EMERGENCY DRIVER



RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: [marketing@rablighting.com](mailto:marketing@rablighting.com)

DRI-21-EMGR-DC-D10



### IMPORTANT

#### READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

#### WARNING:

AC power must be off before proceeding with assembly or installation of emergency driver.

CAUTION: DO NOT USE OUTDOORS.

CAUTION: DO NOT MOUNT NEAR GAS OR ELECTRONIC HEATERS.

CAUTION: EQUIPMENT SHOULD BE MOUNTED IN LOCATIONS AND AT HEIGHTS WHERE IT WILL NOT BE SUBJECTED TO TAMPERING BY UNAUTHORIZED PERSONNEL.

CAUTION: THE USE OF ACCESSORY EQUIPMENT NOT RECOMMENDED BY THE MANUFACTURER MAY CAUSE AN UNSAFE CONDITION.

CAUTION: DO NOT USE THIS EQUIPMENT FOR OTHER THAN ITS INTENDED USE.

CAUTION: Use with grounded, UL Listed, damp location rated fixtures and case should be grounded.

CAUTION: The equipment is intended for ordinary locations and for permanent installation into one or more listed emergency luminaires.

IMPORTANT: The products are produced with built-in batteries, which could be stocked for one year at most without being used.

If clients keep them for more than one year, the batteries may be damaged. This is not covered in the warranty.

NOTE: 1. Install this product properly by "licensed electrician".

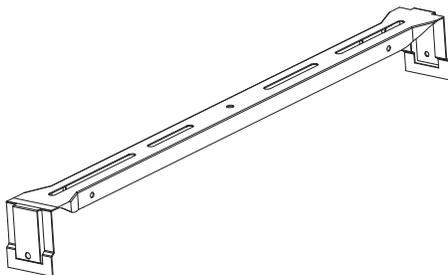
2. Damp location installation is OK.

3. Keep away from flammable materials in an area with good heat dissipation.

4. Charge the battery consistently for >24 hours for the first time usage to activate the whole battery cells of discharging/charging duration.

### OPTIONAL ACCESSORIES

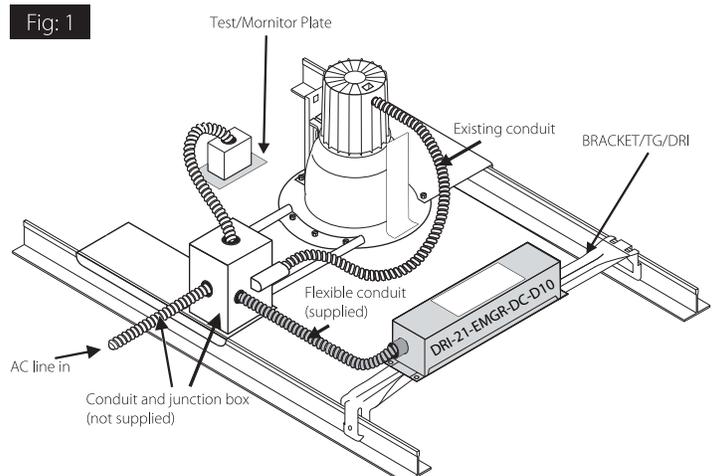
The T-BAR mounting bracket is sold separately as an optional accessory kit (BRACKET/TG/DRI). Call our experts at 888 722-1000 for more information.



### MOUNTING METHOD

#### Mounting method 1

With T-BAR mounting bracket (Fig. 1)



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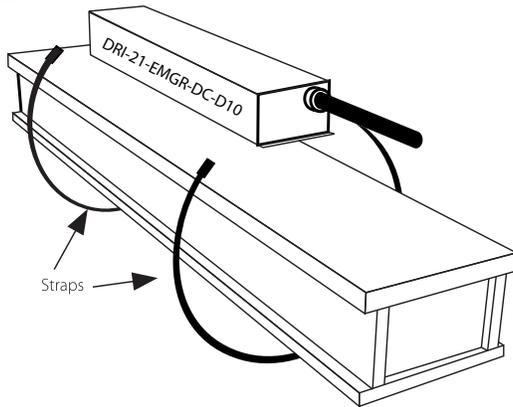
### MOUNTING METHOD *(cont'd)*

#### Mounting method 2

With Straps (Fig. 2)

Run the straps through the mounting tabs of the unit for securing to a beam or column near the fixture. Multiple strap kits can be used in conjunction with each other for larger diameter requirements.

Fig: 2



### SUITABLE FOR BELOW LAMP

1. 8-80W LED products with 0-10V dimming capability, and ensure the LED product system power below 20W when dimming to 1V.
2. 8-21W LED products without 0-10V dimming capability also can be used.

### LED INDICATOR

1. Red stable: charging mode or fully charged.
2. Red off: main power off or discharging mode.
3. 2 second slow flashing (compatibility test standby mode): represents that the battery is at a low voltage and needs charging.

### TEST SWITCH

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

### FAILURE MODE

0.5 second fast flashing-represents failure mode (*No battery or open circuit in emergency mode or LED load wattage is higher than nominal emergency power*).

### CLEAR FAILURE MODE

Check wiring, solve the problem and connect mains power. Then press test button and go to compatibility test, LED indicator will be permanent red if compatibility test passes, meanwhile failure mode is removed.

### TESTING PROCEDURES

1. Press the test button to cut the power to the AC driver and switch the system to emergency mode.
2. Release the test button to return to normal mode.
3. Switch off the circuit breaker to simulate a full power outage.

#### Monthly

1. Ensure that the test button light is illuminated.
2. Conduct a 30-second discharge test by depressing the test button.
3. The LED load should operate at reduced output.

#### Annually

1. Allow a 24-hour charge before conducting test.
2. Ensure that the test button light is illuminated.
3. Conduct a full 90-minute discharge test.
4. The unit should operate as intended for the duration of the test.

*Written records of the testing shall be kept by the owner for inspection by the authority having jurisdiction.*

**SERVICING SHOULD BE PERFORMED BY QUALIFIED PERSONNEL.**

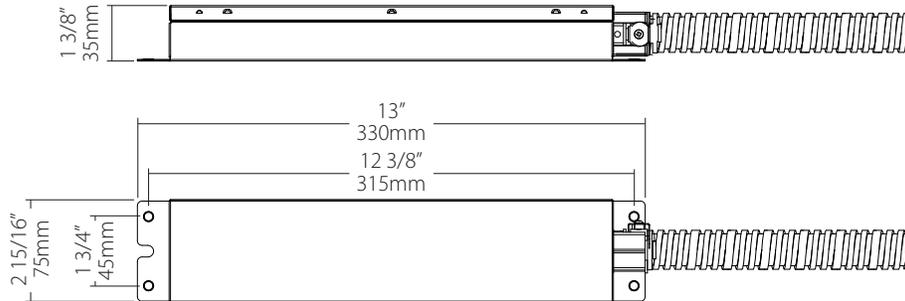
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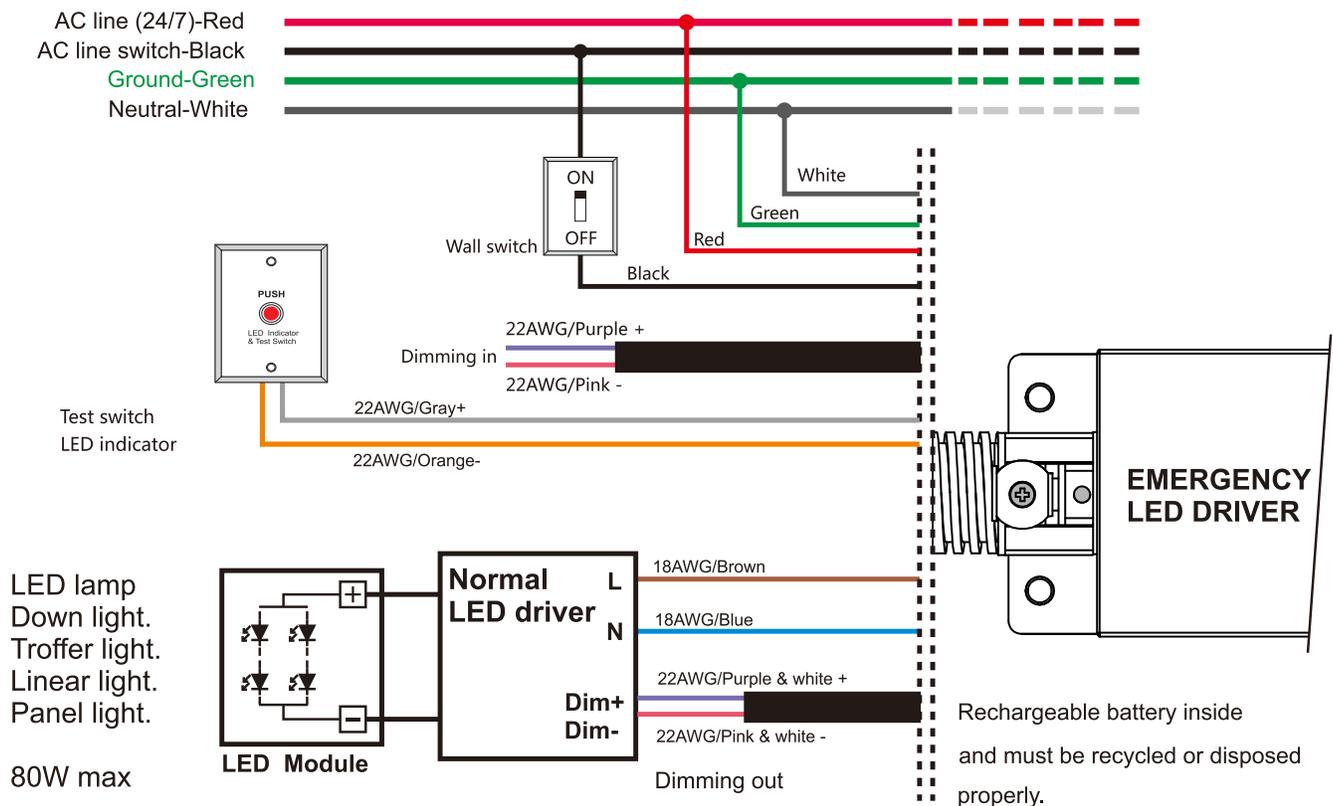


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### Dimensions



### Wiring Diagram



#### Easy Answers

[rablighting.com](http://rablighting.com)  
 Visit our website for product info

Tech Help Line  
 Call our experts: 888 722-1000

e-mail  
 Answered promptly - [sales@rablighting.com](mailto:sales@rablighting.com)

Free Lighting Layouts  
 Answered online or by request