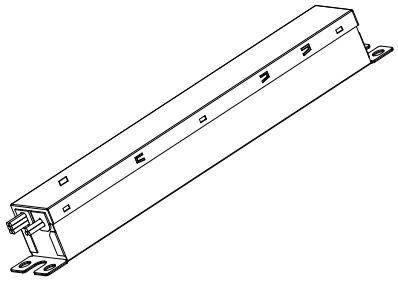
GREENCREATIVE



5EMDRIVER

Installation Instructions

EMERGENCY LED DRIVER

IMPORTANT SAFEGUARDS

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. **This is a sealed unit. Components are not replaceable. Replace the entire LED Emergency LED Driver unit when necessary.**
2. **Do not use outdoors.**
3. **This LED Emergency LED Driver unit requires an un-switched AC power source of 120-277V, 50/60 Hz. The AC Driver MUST be on the same branch circuit as the Emergency LED Driver.**
4. **For uses with GREEN CREATIVE BYPass LED Linear Retrofit lamps only. Emergency LED Driver can provide a constant power output of about 5 watts in emergency mode. Operates one lamp in the emergency mode for a minimum of 90 minutes.**
5. **The Emergency LED Driver is intended for ordinary locations and for permanent installation into one or more Listed luminaires.**
6. **Do not let power supply cords touch hot surfaces.**
7. **Do not mount near gas or electric heaters.**
8. **Install in accordance with the National Electrical Code and local regulations.**
9. **Emergency LED Driver should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.**
10. **The use of third party accessories not described in this instruction sheet is not recommended and may cause an unsafe condition.**
11. **Do not use this Emergency LED Driver for other than intended use.**
12. **Use with listed damp location fixtures and insure that fixture and Emergency driver are properly grounded.**
13. **New batteries may require initial 12 hours charge before testing emergency function.**
14. **Max. mounting height:**

Model	Compatible Lamp/Luminaire （One LED Lamp/Luminaire）GREEN CREATIVE Model	Max. mounting height
5EMDRIVER	8.5T8/2F/8XX/DEB/YY	11-11/16’
	12T8/3F/8XX/DEB/YY	9-13/16’
	11.5T8/4F/8XX/DEB/YY	10-1/2’
	14T8/4F/8XX/DEB/YY	10’
	14.5T8/4F/8XX/DEB/YY	9-7/8’
	17T8/4F/8XX/DEB/YY	8-5/8’
	10.5T8/4F/8XX/BYP/YY	9-11/16’
	14.5T8/4F/8XX/BYP/YY	10-1/2’

XX –Refers to the CCT YY – Refers to model generations within the same nominal performance Typically blank, ‘R’, or ‘RC’

* While these products are compliant with the requirements of UL Standard 924, it is ultimately the responsibility of the designer/specifier to assure the as-installed system delivers code compliant path of egress illumination in accordance with federal, state or local municipal requirements.

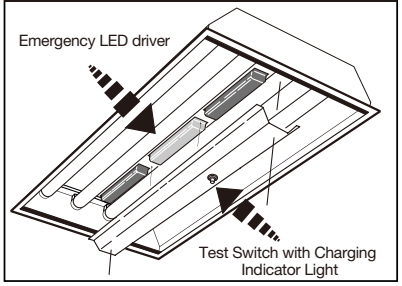
SAVE THESE INSTRUCTIONS

INSTALLATION

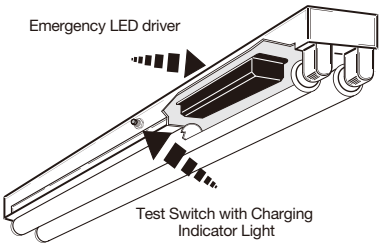
WARNING: TO PREVENT HIGH VOLTAGE FROM BEING PRESENT ON BLACK & WHITE OUTPUT LEADS PRIOR TO INSTALLATION, EMERGENCY LED DRIVER CONNECTOR MUST BE OPEN. DO NOT JOIN EMERGENCY LED DRIVER CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED TO THE EMERGENCY LED DRIVER.

INSTALLING THE EMERGENCY LED DRIVER.

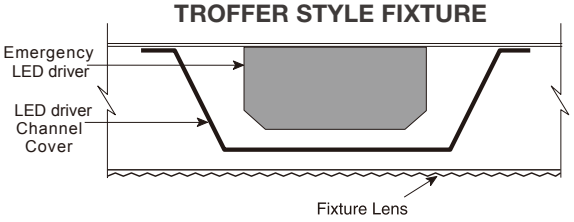
INSIDE LED DRIVER CHANNEL



INSIDE STRIP FIXTURE

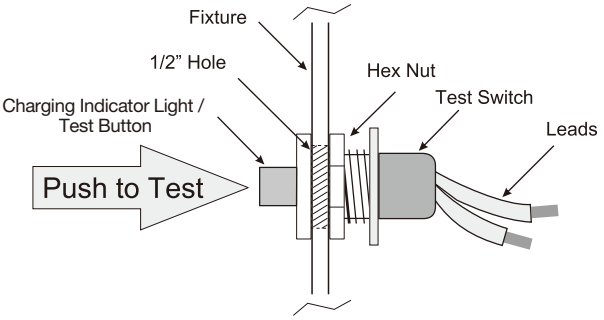


TROFFER STYLE FIXTURE



INSTALLING THE TEST SWITCH

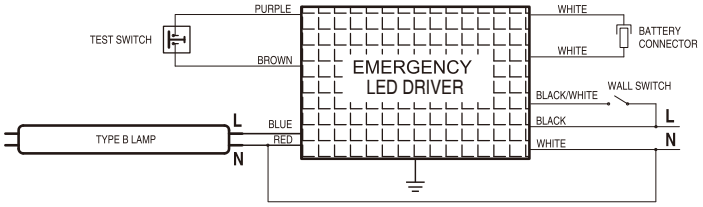
Refer to the illustrations above and install the test switch through the driver channel cover of a troffer or through the side of a strip fixture. Drill a 1/2" hole and install the switch as shown. Wire the test switch so that it removes AC power from the unswitched hot line to the emergency LED driver.



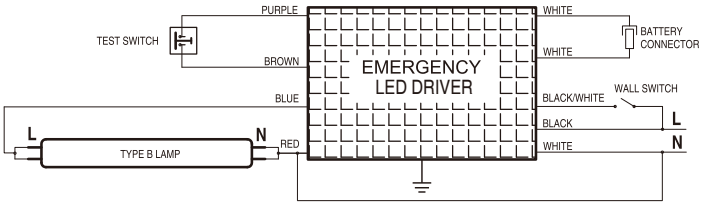
INSTALLING THE CHARGING INDICATOR LIGHT

Install the CHARGING INDICATOR LIGHT as shown in the illustration above so that it will be visible after the fixture is installed.

Wiring Diagrams



SINGLE-ENDED INSTALLATION



DOUBLE-ENDED INSTALLATION

Operation

Normal Mode: AC power is present. The AC driver operates the LED load as designed. The emergency LED driver is charging in a standby mode. The test button will be lit, showing that the battery is charging.
Emergency Mode: When the AC power goes out, the emergency LED driver detects the power outage and automatically switches to the emergency mode. The LED load is illuminated, for a minimum of 90 minutes. When AC power is restored, the emergency LED driver switches back to Normal Mode and starts re-charging.

MAINTENANCE

Although no routine maintenance is required to keep the emergency LED driver functional, it should be checked periodically to ensure that it is working. The following schedule is recommended:
1. Visually inspect the charging indicator light monthly. It should be illuminated.
2. Test the emergency operation of the fixture at 30-day intervals for a minimum of 30 seconds. One lamp should operate at reduced illumination.
3. Conduct a 90-minute discharge test once a year. One lamp should operate at reduced illumination for at least 90 minutes.