

EMERGENCY LED DRIVERS INSTALLATION MANUAL

PLEASE READ CAREFULLY AND FOLLOW ALL INSTRUCTIONS FOR YOUR OWN SAFETY

WARNING:

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

CAUTION: CONSULT PRODUCT LITERATURE TO CONFIRM FIXTURE COMPATABILITY: WWW.MAXLITE.COM

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: Please charge the battery consistently for >24 hours for the first time usage so as to activate the whole battery cells of discharging/charging duration.

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.

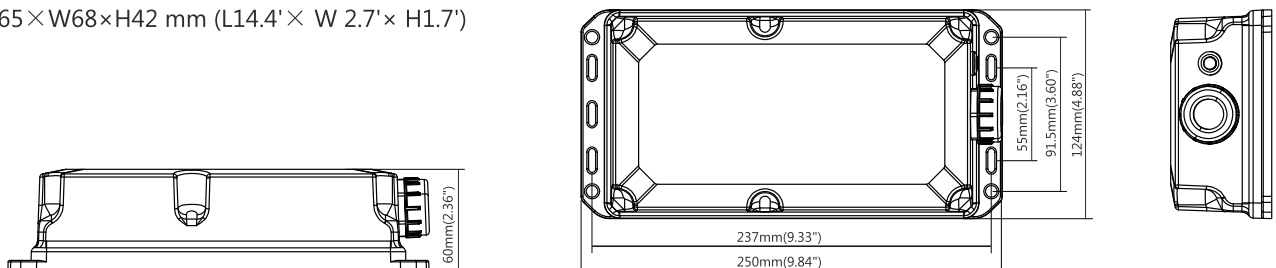
Please read the following instructions applicable to these models.

Ordering data

Model No.:	Input voltage	Output voltage/power (Emergency mode)	Battery pack	Duration (E.M mode)
STB27FEA-10WL-NIC10S-AC	100-277Vac 50/60Hz	AC120V,60Hz 25W	Ni-Cd 12V 2.8Ah, 33.6Wh	90minutes
STB27FE-10WL-NIC10S-AC	100-347Vac 50/60Hz	AC120V,60Hz 25W	Ni-Cd 12V 2.8Ah, 33.6Wh	90minutes

Dimensions

L365×W68×H42 mm (L14.4'× W 2.7'× H1.7')

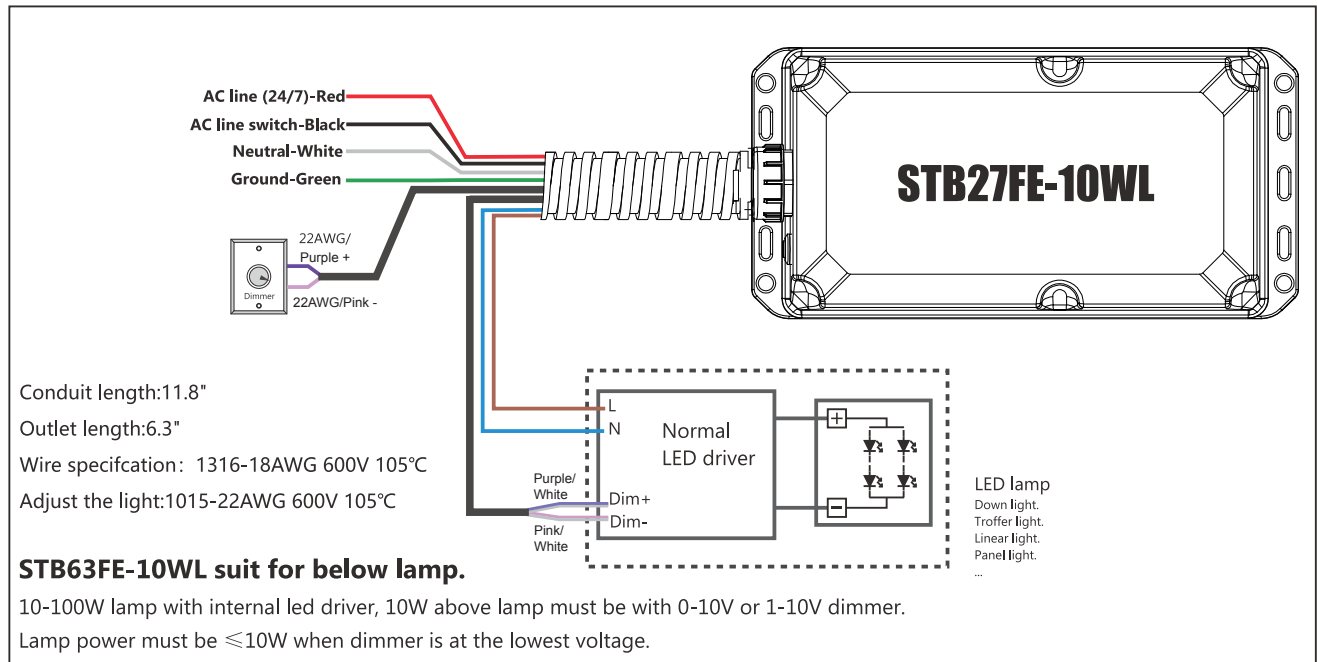


Installation instruction:

- Please install this product properly by the licensed electrician.
- Please check and confirm all the data and usage surrounding before installation.
- This item could be used in the sealed fixtures or installed open area of the fixtures.
- Please keep it away from the flammable materials with a place of good heat dissipation.

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Wiring schematic diagram



Test switch and LED indicator

LED indicator

Red stable: Charging mode
Charging Fully
OFF: Emergency mode

Indicator Light	Status	Comment
Red Stable	Charging Mode, Fully charged	AC mode, unit is operating correctly.
Flashing 2 times, Light off 2s, loop	Battery Error	Battery disconnected or fail 90mins duration test due to insufficient capacity
Flashing 3 times, Light off 2s, loop	Charging Error	Ensure input wiring is correct and verify input voltage & frequency are correct and stable.
Flashing 5 times, Light off 2s, loop	Temp Error	Overtemperature
Continuous Flashing	LED load abnormal	Matching test fail, self-check output abnormality

Test switch

- Press switch to enter into emergency mode, release to recover charging mode

Rest mode

Rest mode can ensure battery long term storage, leakage current is very low in rest mode.

- Press and hold the test switch for over 3 seconds in the emergency mode to enter into rest mode.

In rest mode, the battery is completely disconnected from the inverter, and the small leakage current can make its storage time longer.

Cancel faulty mode

- End discharge
- Disconnect battery in emergency mode.
- Press test button over 3 seconds in emergency mode.