

EMERGENCY LED DRIVER

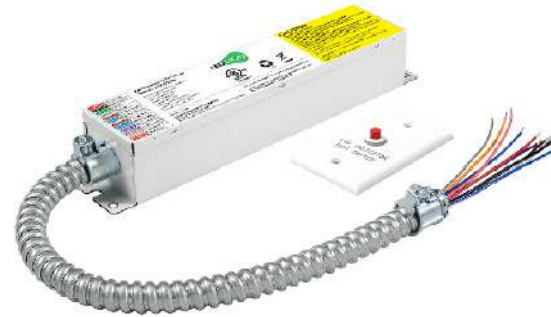
TK-LSED™ Series

Description

Tektron's TK-LSED Emergency LED Driver provides backup power to LED lighting systems during power outages, ensuring continuous illumination. It automatically switches to battery power when the main supply fails, maintaining visibility and safety in critical areas during emergencies.

Application

Emergency LED Drivers are used in commercial buildings, hospitals, and schools to maintain emergency lighting during power failures. They are essential for exit signs, stairwells, and other safety-critical areas, ensuring visibility and safe evacuation routes.



Quick Ship

TK-LSED-16W

TK-LSED-25W

TK-LSEDA-16W

TK-LSEDA-25W

Specifications and Features

Controls

AC power is present. AC LED driver current output up-to 150W or 4A. When the AC power goes out, the emergency driver detects the AC power outage and automatically switch to the working emergency mode.

Warranty

5 Years Limited Warranty.

For more information visit us at,

<https://www.technoledlights.com/warrantyinfo>

Certifications

It compiles with UL listing , LI-ION Rated, and with emergency output Rated.

Installation and Mounting

The installation process is straight forward and offers a range of mounting possibilities. Durable airtight Iron body. No housing required.

Ordering Information

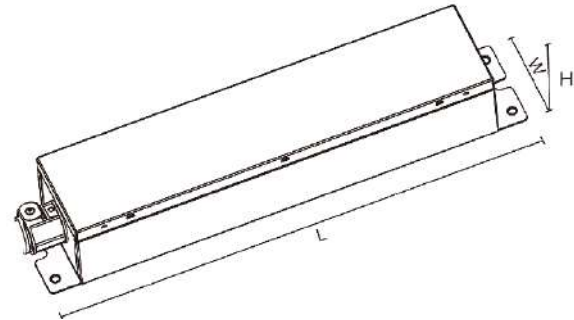
Example: TK-BDL-CM2OE-8W

TK	LSEDA	13 inch	16W	2800mAH	[BLANK]
Brand	Series	Length	Watts	Battery Capacity	Input Voltage
TK- TekTron	LSED, LSEDA- Emergency LED Driver	16W - 13 inch 25W - 13 inch	16W - 16Watts 25W - 25Watts	12.8V 4500mAH 12V 2800mAh	100-277VAC, 100-347VAC, 50/60Hz

Specifications and Features

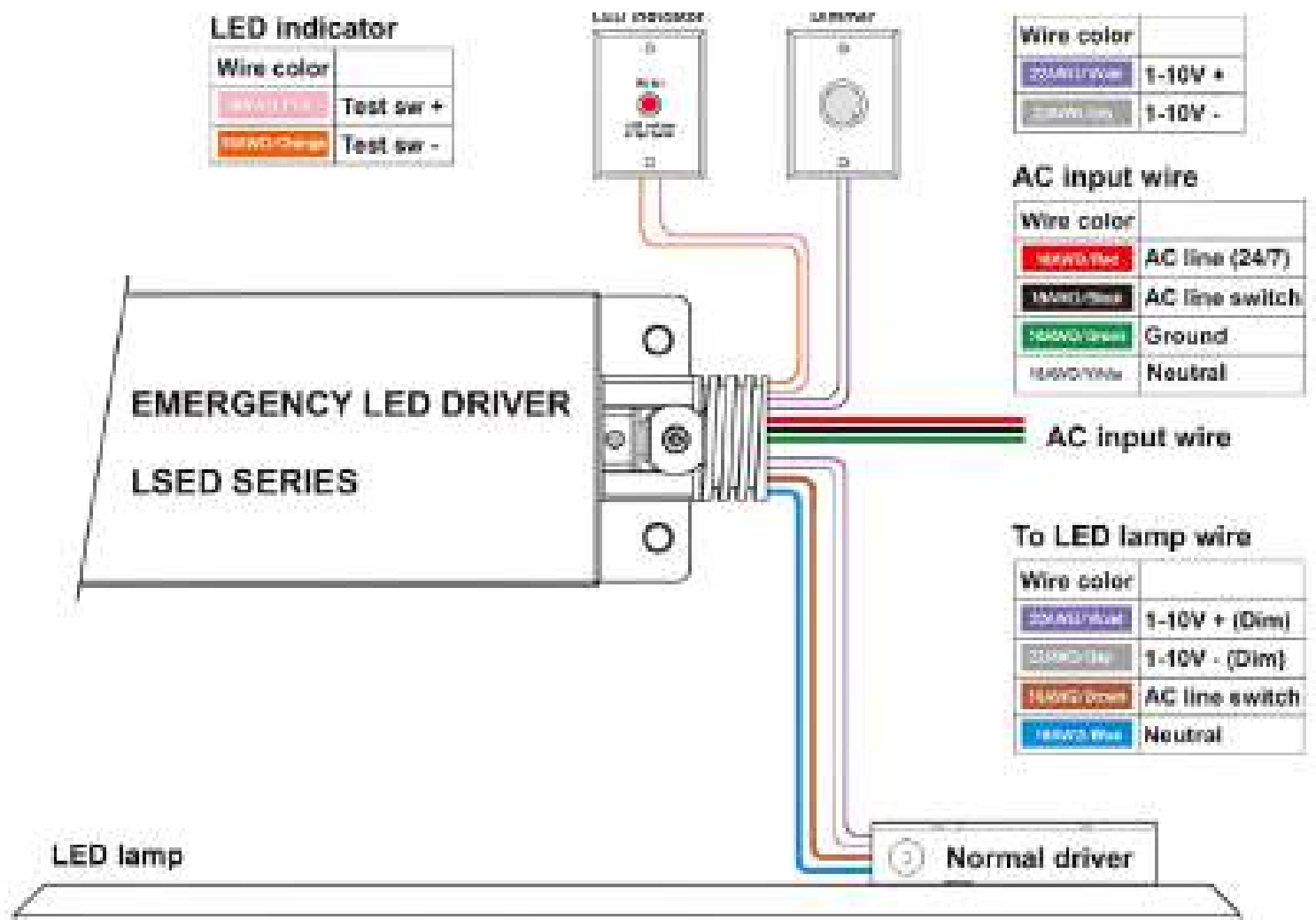
Input Voltage	100-277VAC, 100-347VAC, 50/60Hz
Output Voltage	250VAC
Input Current	120mA Max
Output Current	160-320mA Max
Power Factor	0.6 @100VAC, 0.5@347VAC
Battery	LiFePO4 12.8V 4500mAh, 57.6Wh Ni-Cd 12V 2800mAh, 33.6Wh
Operational Temperature	0°C ~ 70°C
Recharge Duration	>24Hrs
Emergency Duration	90 minutes

Dimensions



Part Number	L (Length)	W (Width)	H (Height)
TK-LSED	12.9 inch	2.6 inch	2.2 inch
TK-LSEDA	12.9 inch	2.6 inch	2.2 inch

Wiring Diagram



Installation Instructions

- Please install this product properly by the licensed electrician.
- Surface mounting and suspending mounting are available.
- Please check and confirm all the data and usage surrounding before installation.
- Damp or wet location installation is OK.
- 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.
- 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.

LSED suit for below lamp.

- 10-200W lamp with internal led driver
- LSEDA16W ,LSED16W
16W above lamp must be with 0-10V or 1-10V dimmer.
Lamp power must be $\leq 15W$ (1W extra power) when dimmer is at the lowest voltage.
- LSEDA25W , LSED25W
25W above lamp must be with 0-10V or 1-10V dimmer.
Lamp power must be $\leq 24W$ (1W extra power) when dimmer is at the lowest voltage.

IMPORTANT SAFEGUARDS

CAUTION

- DO NOT USE OUTDOORS.
- DO NOT MOUNT NEAR GAS OR ELECTRONIC HEATERS.
- EQUIPMENT SHOULD BE MOUNTED IN LOCATIONS AND AT HEIGHTS WHERE IT WILL NOT BE SUBJECTED TO TAMPERING BY UNAUTHORIZED PERSONNEL.
- THE USE OF ACCESSORY EQUIPMENT NOT RECOMMENDED BY THE MANUFACTURER MAY CAUSE AN UNSAFE CONDITION.
- DO NOT USE THIS EQUIPMENT FOR OTHER THAN ITS INTENDED USE.
- Use with grounded, UL Listed, damp location rated fixtures and case should be grounding.

