

EMERGENCY LED DRIVER

TK-BLD-CM20E™ Series

Description

Tektron's TK-BDL-CM20E 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-BDL-CM20E-8W



Specifications and Features

Controls / Dimming

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

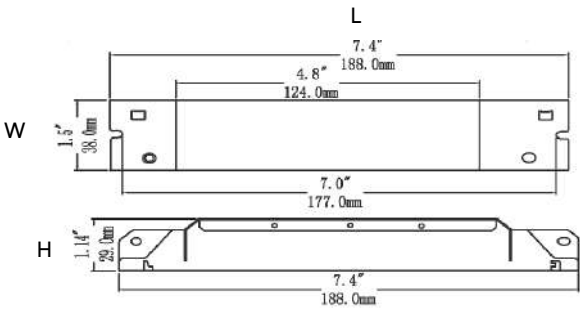
Example: TK-BDL-CM20E-8W

TK	BDL-CM-8W	9W	8W	2500mAH	[BLANK]
Brand	Series	Length	Watts	Battery Capacity	Input Voltage
TK- TekTron	BDL-CM20E- Emergency LED Driver	7W - 7 inch	8W - 8Watts	7.4V/2500mAH	100-277VAC, 50/60Hz

Specifications and Features

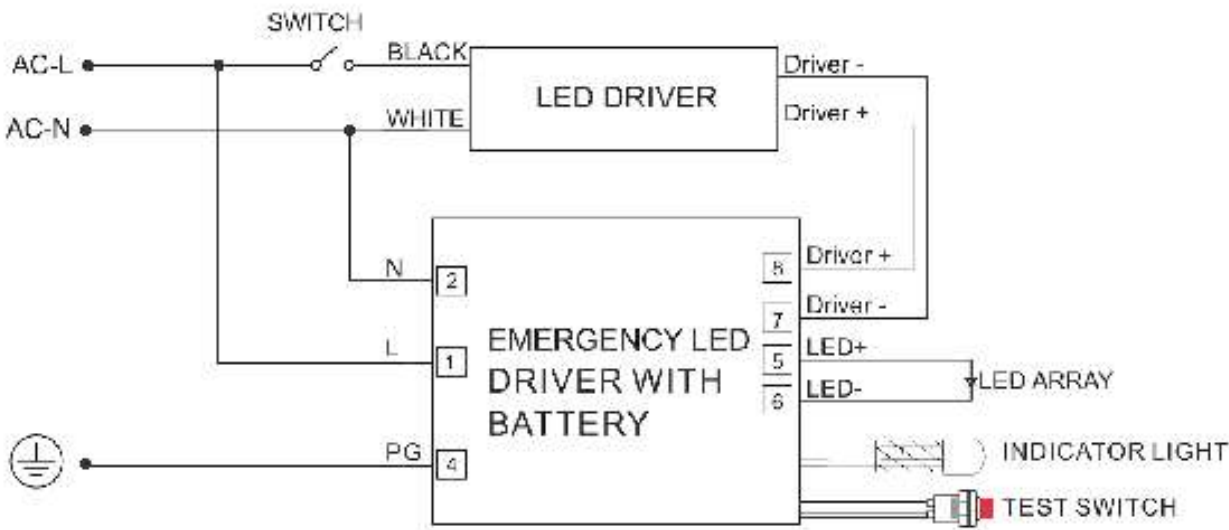
Input Voltage	100-277VAC, 50/60Hz
Output Voltage	25-48VAC
Input Current	100mA Max
Output Current	160-320mA Max
Output Power	8W
Battery	Li-ion battery-7.4V/2500mAH
Operational Temperature	0°C ~ 40°C
Recharge Duration	>24Hrs
Emergency Duration	90 minutes

Dimensions



Part Number	L (Length)	W (Width)	H (Height)
TK-BDL-CM-8W	7.4 inch	1.5 inch	1.14 inch
Battery	4.07 inch	1.6 inch	1.17 inch

Wiring Diagram



Important Safeguards

1. Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED Emergency Backup Check for enclosed wiring.

2. Risk of fire or electric shock. This LED Emergency Backup installation requires knowledge of luminance electrical systems. If not qualified do not attempt installation.

3. Before installing make certain the AC power to the fixture is off.

4. The electrical rating of this product is 100 277Vac.Installer must confirm that there is 100 277Vac to the fixture before installation.

5. To prevent electrical shock only mate unit connector after installation is complete and before the AC power to the fixture.

6. Do not let power supply cords touch hot surfaces.

7. Do not mount near gas or electric heaters.
8. Do not connect battery pack connector until all other wiring is complete and AC power is on.

9. The emergency LED driver is for use with grounded,ULlised LED luminaires,shall be enclosed by the LED luminaire and bonded to the grounding of LED luminaire.

10. Verify that all replacement lamp types marked on the istalled luminaire are also identified as suitable for use with this emergency battery pack.

11. The use of accessory equipment is not recommended by the manufacturer and may cause an unsafe condition.

12. Do not use this equipment for other than its intended use.

13. Use with grounded, UL Listed, dry or damp location rated fixtures.

