

8W Emergency driver

Relevant standard

CSA C22.2 NO.141

UL924



Application

Recommended Application



CL-ACC-ST1-EMERGENCY DRIVER-8W

LED Emergency driver

Product description

- Meet most of safety standards for lighting
- External lithium battery
- Battery protections: over charge protection, over discharge protection, short circuit protection
- Indicator shows a variety working modes
- The batteries meet 500 cycles of standard charge and standard discharge
- Emergency 1.5H

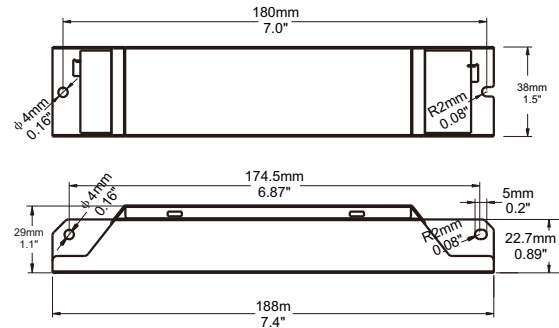
Applications

- Use in damp and dry environment.
- For use on a wide range of LED fittings to convert them from standard to emergency fitting.
- LED fitting would be maintained emergency LED fitting if standard (main powered) driver, emergency lighting kit and battery are all retained in the circuit. LED fitting would be non-maintained emergency LED fitting if only emergency lighting kit. and battery are retained in the circuit.
- Connector between emergency kit and battery has the function of polarity reversal protection.
- Ambient range t_a 0....40°C
- Not intended for use in luminaries for high-risk task area lighting.
- Full warranty 5 years.

Mode	Constant power	Battery	Emergency time	Output current	Qty /Carton
BLD-CM20E-480800-8W	DC 25-48V 8W	Li-ion battery 7.4V2500mA	1.5 Hours	160-320mA	20pcs

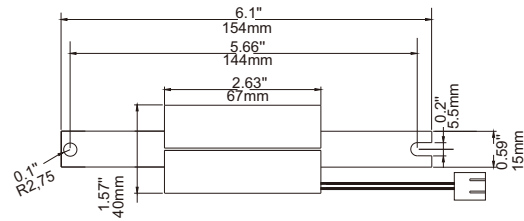
Dimensions:

Case-7.4"x1.5"x1.14"(mounting center-7.0")



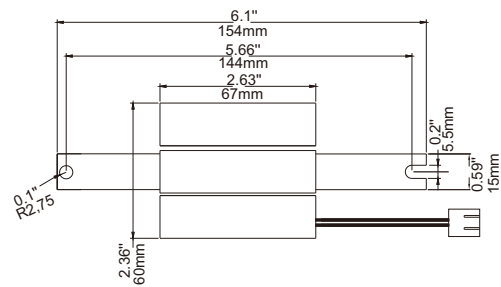
Battery A-6.1"x1.57"(mounting center-5.67")

Li-ion battery 7.4V2000mA
Li-ion battery 7.4V2500mA



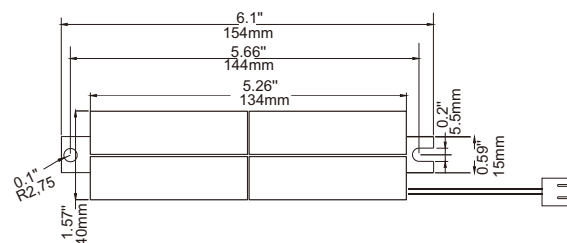
Battery B-6.1"x2.36"(mounting center-5.67")

Li-ion battery 11.1V2000mA
Li-ion battery 11.1V2500mA



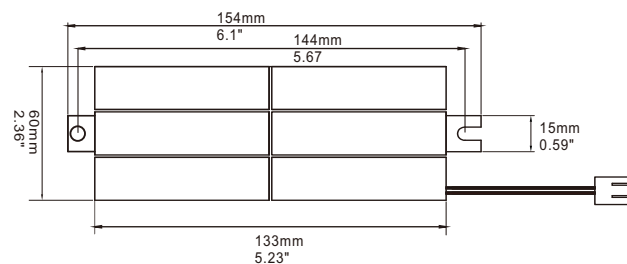
Battery C-6.1"x1.57"(mounting center-5.67")

Li-ion battery 14.8V2000mA



Battery D-6.1"x2.36"(mounting center-5.67")

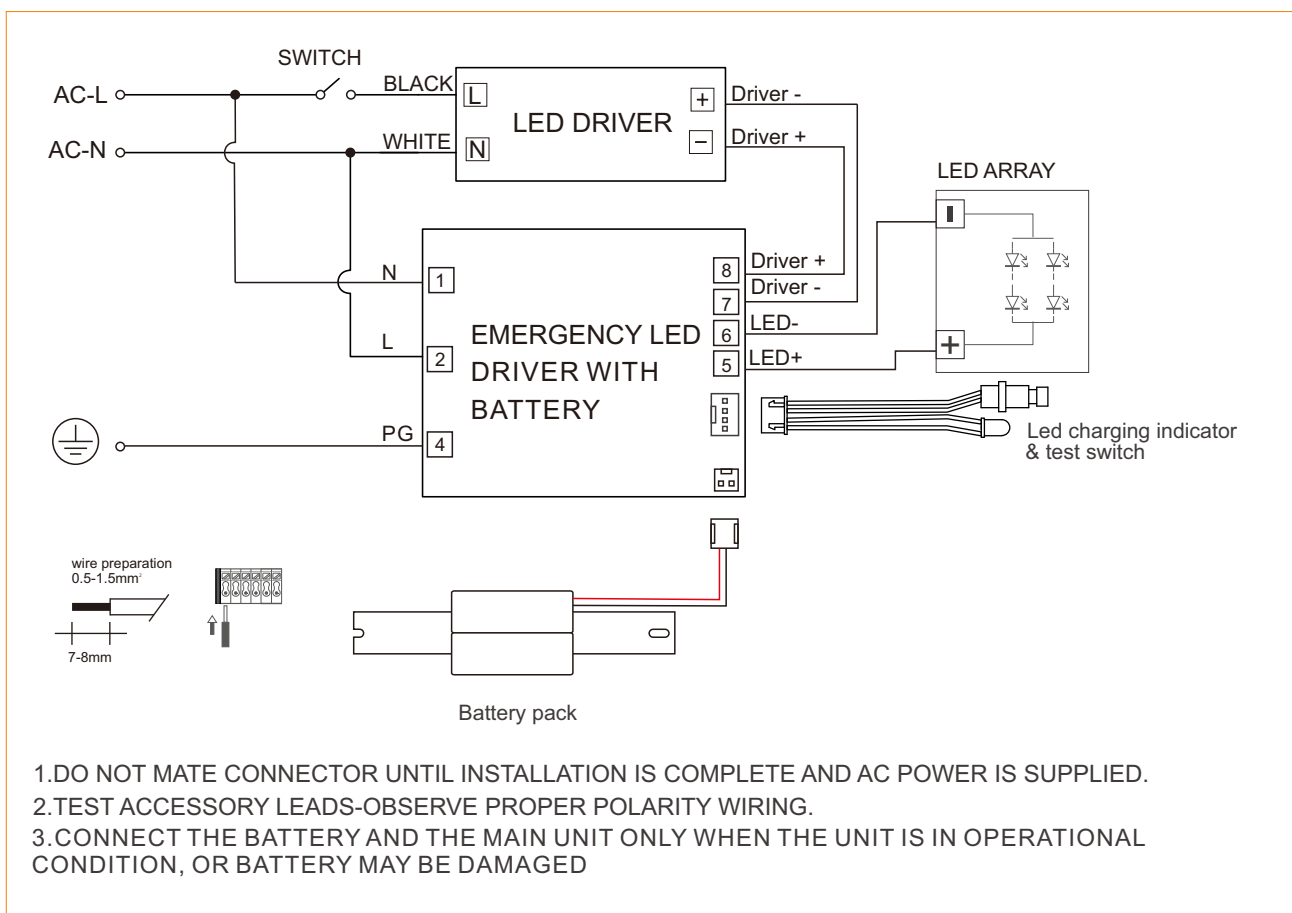
Li-ion battery 11.1V4000mA



Specifications

- Universal Input Voltage:100~277Vac, 50/60Hz
- AC Input Current:100mA max.
- AC Input Power Rating:7.0W max.
- Output Current and Voltage:25~48Vdc
- Output Power:20W max
- Emergency Time: $\geq 1.5\text{H}$
- Full Warranty:5 Years
- Test Switch Indicator Light: Illuminated Test Switch,indicator Light
- Battery Charging Current: 250mA
- Charging Time: $\geq 24\text{Hours}$
- Temperature Rating (Ambient) : Li-ion 0°C to +40°C (32°F to 104°F)

Wiring diagram



Operation:

AC operation:

AC power is present, The LED load from the LED driver is normal power supply, AC LED driver output current can not exceed 150W or 4A, the emergency driver is charging in a standby mode, The LED indicator light on to indicate that it is charging.

Emergency operation:

When the AC power goes out, The emergency driver detects the AC power outage and automatically switch to the working emergency mode. The LED indicator light off. When the AC power is restored, the emergency driver backs to AC power working and starts re-charging, the led indicator light on.

Test switch and Led indicator light

LED indicator

LED indicator on, AC Power is Normal



OR



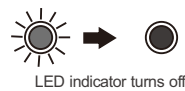
LED indicator

LED indicator off, AC power goes out



Test switch introduction

Press the test switch
LED turns off
Emergency function is normal



Emergency function
is normal
✓

Product description

- For connection to the emergency lighting unit
- The test switch for checking the device function
- The LED indicates that charging current is flowing into the battery
- Plug connection
- Cable length: 500mm

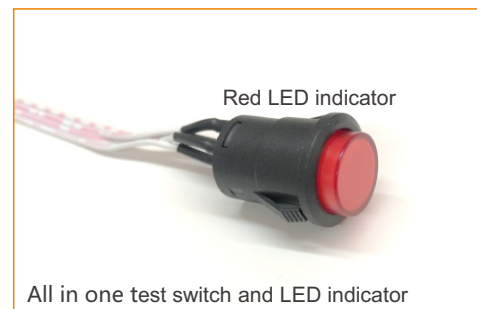
Separate switch and indicator light

- Indicator light
- One-colour status display LED
 - Mounting hole 6.5mm dia
 - Wire insulation rating: 85°C
- Test switch
- Mounting hole 7mm dia
 - Wire insulation rating: 85°C



All in one test switch and LED indicator

- One-colour status display LED
- Mounting hole 16mm dia
- Wire insulation rating: 85°C



All in one test switch and LED indicator

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- Mounting hole 16mm dia
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