

Emergency LED Driver

Code: LEG-LD20

Features:

Combined AC and emergency LED driver in one compact

EN61347-1, 61347-2-7, 61347-2-13

Built-in lithium battery

Battery protections: over charge protection over discharge protection, short circuit protection

Indicator shows a variety working modes

The batteries Meet 300 cycles of standard CH and standard DCH

No flicker

RoHS compliant



CE RoHS

Specifications:

Universal Input Voltage

200 - 240Vac, 50/60Hz

Output Voltage

30-42Vdc

Operating Ambient Temp Range

0°C to + 40°C (32°F to 104°F)

Full Warranty

3 Years

Dimensions

8.66"x3.9"x1.18" (220mmx100mmx30mm)

Weigh

1.63lbs (0.74kg)

AC Operation:

Output Current (Programmable)

600-1200mA

AC Input Current

600mA max.

Maximum Input Power

50W max.

Power Factor@Max Load

≥0.90

Surge Protection

(Combi-Wave, KV) 1.0KV

Dimming

0-10Vdc



Emergency Operation:

AC Input Current

100mA Maximum (Charging Only)

AC Input Power Rating

6.0W Maximum (Charging Only)

Recharge Time

≥24 Hours

Battery

Lithium battery

Battery Charging Current

350mA max.

LlluminationTime

≥3H

Test Switch Charging Indicator Light

Illuminated Test Switch

Output Power (Emergency)

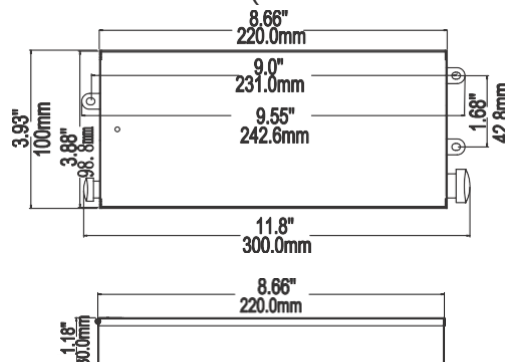
Driver and Emergency Correspond Form			
AC Input Power	30W	40W	50W
Emergency Power	6W	8W	10W

BLD-BM50I-42YYYY-AA

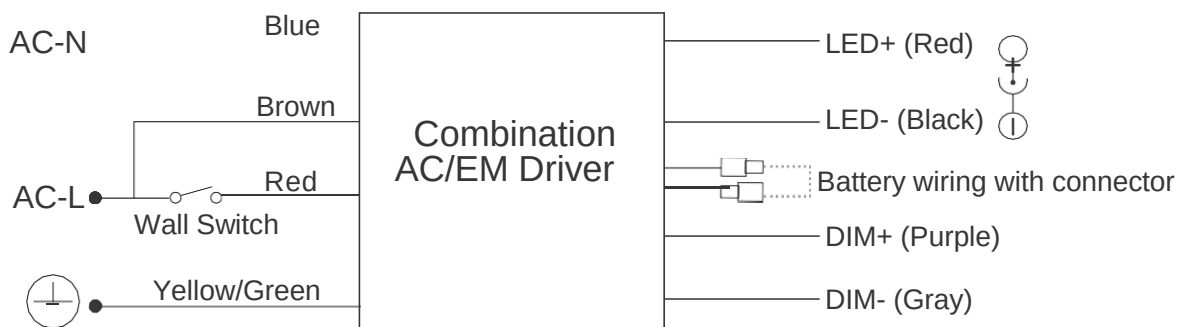
Note: YYYY=Output Current; AA=Emergency Output Power;

Dimensions:

8.66"x3.9"x1.2" (220mmx100mmx30mm)



Wiring Diagram:



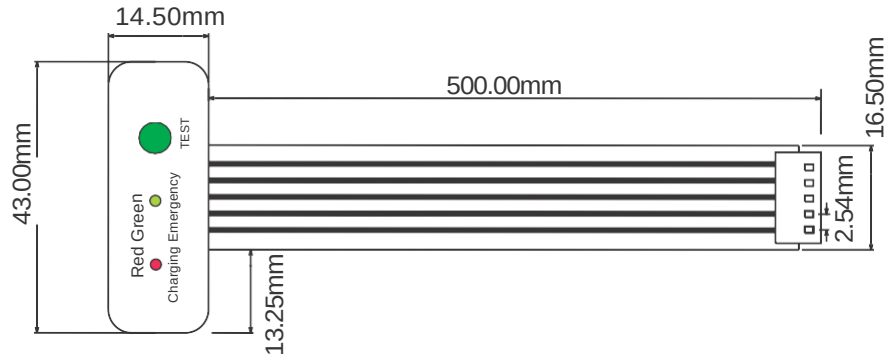
The power supply cannot insert the battery packet into the mainboard connector before installation; It has been installed to allow the battery package to be inserted into the mainboard connector before the AC voltage is completed.

Test accessory leads-observe proper polarity wiring.



Display Status:

Operating Condition	Red	Green
Charging	ON	OFF
Emergency	OFF	ON



Safety Instructions:

Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED emergency driver. Check for enclosed wiring and components.

Risk of fire or electric shock. This LED emergency driver installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

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

The electrical rating of this product is 200- 240Vac, Installer must confirm that there is 200- 240Vac the fixture before installation.

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

Do not use in outdoor.

This LED emergency driver unit requires an un- switched AC power source of 200- 240Vac, 50/ 60Hz. The AC driver must be on the same branch circuit as the LED emergency driver unit.

Do not let power supply cords touch hot surfaces.

Do not mount near gas or electric heaters.

Do not connect battery pack connector until all other wiring is complete and AC power is on.

