

Easily integrates with the Magnilumen™ Plus Retrofit Kit for fast, hassle-free installation. Delivers a minimum of 90 minutes runtime in emergency mode, providing emergency illumination to meet critical safety standards.



Driver Not Included

FEATURES:

- Local codes can vary
- Standard CSA C22.2 NO. 141, UL924
- 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 CH and standard DCH
- Emergency 1.5 H

PART NUMBERS:

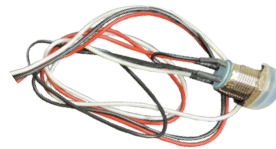
15W: BL-EMRG-LED-15-1H

20W: BL-EMRG-LED-20-1H

WATTAGES	15W, 20W
VOLTAGE INPUT	120/277VAC, 50/60Hz
AC INPUT CURRENT	10mA max
AC INPUT POWER RATING	7.0W max
OUTPUT CURRENT AND VOLTAGE	310-600mA 25-48VDC
BATTERY	Li-ion battery- 14.8V/2000mAh
BATTERY CHARGING CURRENT	250mA
BATTERY CHARGING TIME	24 hours
AMBIENT TEMPERATURE	32 to 104F
EMERGENCY TIME	1.5 hours
TEST SWITCH INDICATOR LIGHT	Illuminated Test Switch, Indicator Light
INSTALLATION	Plug and Play
LISTED	UL
RATED	Title 20
WARRANTY	5 year

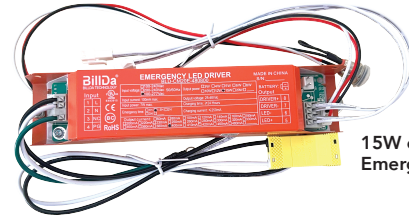
LUMENS:

	15W	20W
150 lm/W with Frosted Lens	2,250	3,000
170 lm/W with Clear Lens	2,550	3,400
180 lm/W with No Lens	2,700	3,600



Test Light

External Li-ion battery-14.8V/2000mAh



15W or 20W
Emergency Driver



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 test switch on to indicate that it is charging.

Emergency Operation:

Upon loss of AC input, the emergency driver detects the power interruption and automatically transitions to emergency operating mode. During this state, the green LED indicator is deactivated. When AC power is restored, the driver reverts to normal operation, initiates battery recharge, and reactivates the green LED indicator.

DIMENSIONS:

Driver Dimensions:

15W: 7.4" x 1.5" x 1.1"

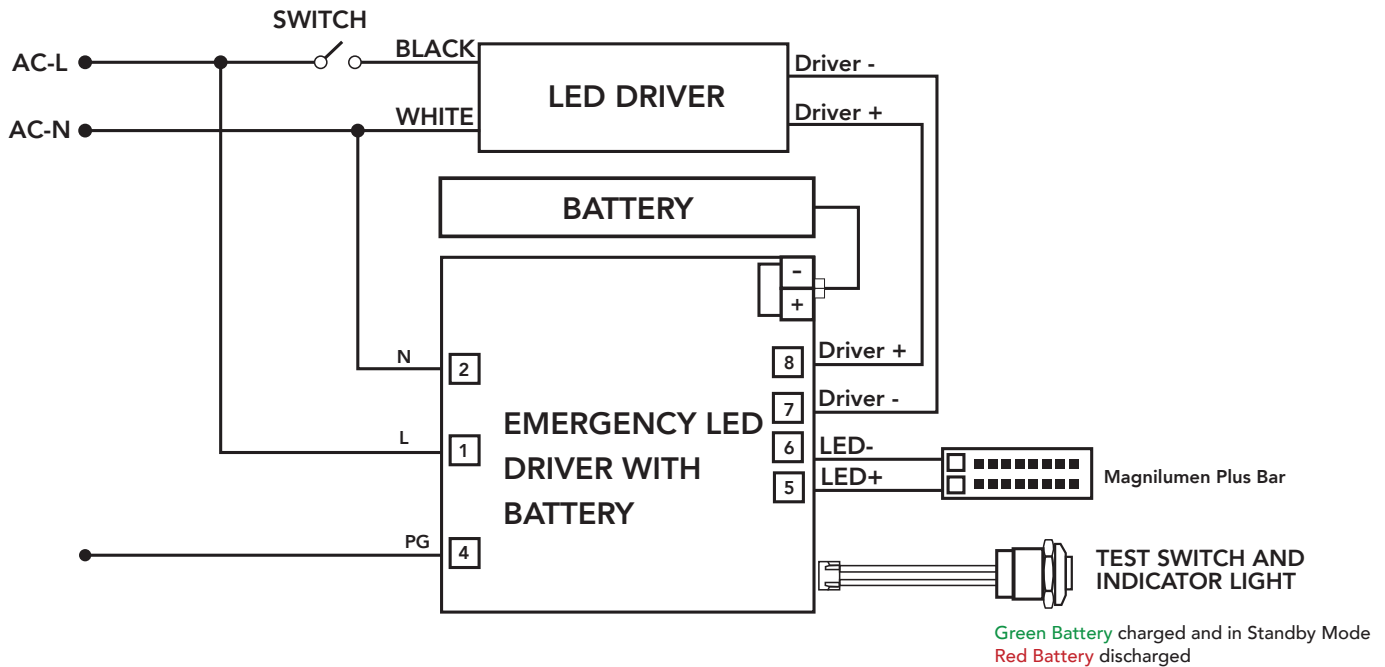
20W: 7.4" x 1.5" x 1.2"

Battery Dimensions:

15W: 6" x 1.5" x .75"

20W: 6" x 2.25" x .75"

WIRING DIAGRAM:



1. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
2. ENSURE ALL CONNECTIONS ARE MADE PROPERLY WITH THE CORRECT POLARITY.

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- 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 and components.
- Risk of fire or electric shock. This LED Emergency Backup 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 120/277VAC. Installer must confirm that there is 120/277VAC to the fixture before installation.
- To prevent electrical shock only mate unit connector after installation is complete and before the AC power to fixture is back on.
- Not Suitable for Outdoor Use.
- This LED Emergency Backup unit requires an un-switched AC power source of 120/277VAC, 50/60Hz. The AC driver must be on the same branch circuit as the LED Emergency Backup 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.
- The emergency LED driver is for use with grounded, UL listed LED luminaires, shall be enclosed by the LED luminaire and bonded to the grounding of LED luminaire.
- Only Suitable for use with Magnilumen kits
- The battery pack must be secured using screws, and the indicator lamp is mounted on the luminaire housing.
- Equipment should be mounted in locations and at heights where it is not be subjected by tampering by unauthorized personnel.
- The use of accessory equipment is not recommended by the manufacturer and may cause an unsafe condition.
- Do not use this equipment for other than its intended use.
- Use with grounded, UL listed, dry or damp location rated fixtures.