

LED 4W EMERGENCY PACK - 55704

INSTALL INSTRUCTIONS

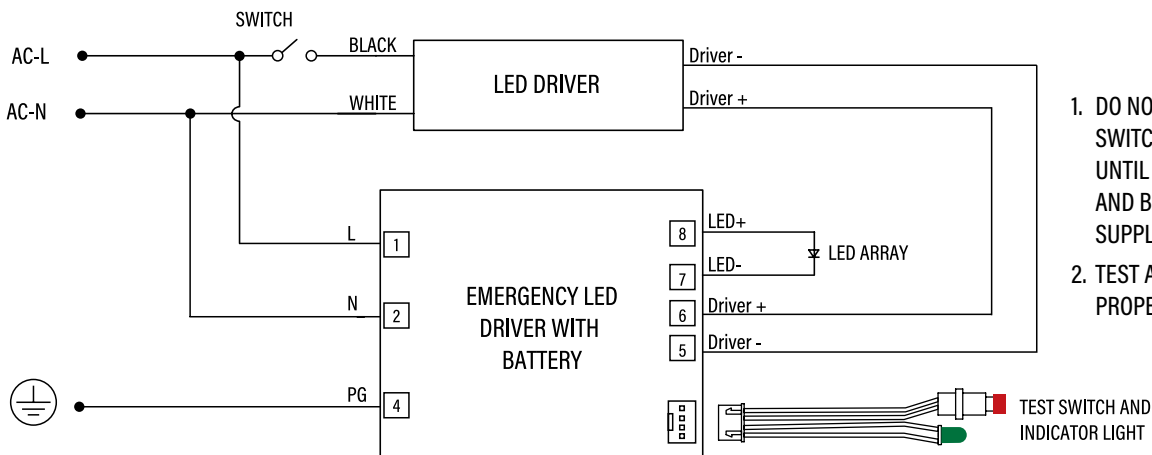
PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install and use.

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.
- The electrical rating of this product is 120-277V. Installer must confirm that the supply voltage is correct before installation.
- Before installing, make certain the AC power to the fixture is off.
- This LED Emergency Backup unit requires an un-switched AC power source of 120-277V, 50/60Hz. The fixture AC driver must be on the same branch circuit as the LED Emergency Backup unit.
- To prevent electrical shock, only connect test switch/indicator connector after installation is complete and before the AC power to the fixture is back on.
- Do not use outdoors.
- Do not let power supply cords touch hot surfaces.
- Do not mount near gas or electric heaters.
- 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.
- Verify that all replacement parts installed are suitable for use with this emergency battery pack.
- Equipment should be mounted in locations and at heights where it is not be subjected to tampering by unauthorized personnel.
- The battery pack is fixed by the screw and the indicator lamp is attached to the shell of the luminaire by 3M tape.
- 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.
- **Not for use on fixtures over 50W**

⚠ WARNING DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

GENERAL WIRING DIAGRAM



1. DO NOT CLIP TOGETHER TEST SWITCH/INDICATOR CONNECTOR UNTIL INSTALLATION IS COMPLETE AND BEFORE AC POWER IS SUPPLIED.
2. TEST ACCESSORY LEADS - OBSERVE PROPER POLARITY WIRING.

OPERATION - AC LED driver output current should not exceed 50W or 2A.

AC Operation

When AC power is present, the LED load from the LED driver is normal power supply and the emergency driver is charging in a standby mode. The green LED indicator light will be lit up showing that it's charging.

Emergency Operation

When the AC power goes out, the emergency driver detects the AC power outage and automatically switches into working emergency mode, and the green LED indicator light switches off. When the AC power is restored, the emergency driver switches back to AC power and starts re-charging, and the green LED indicator light switches back on.

INSTRUCTIONS FOR USE WITH LED STEALTH™ FULL CUTOFF WALL PACKS ON NEXT PAGE

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INSTALL INSTRUCTIONS

LED EMERGENCY BACKUP USE WITH LED STEALTH™ FULL CUTOFF WALL PACKS

SAFETY CAUTIONS FOR LED EMERGENCY BACKUP USE

- EM Emergency Backup with Stealth™ Cutoff Wall Pack not for use in Wet Location applications. - Use with grounded fixtures in dry or damp locations only.
- The fixture is only rated for 120-277V when paired with an emergency battery.
- 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.
- Do not mount near gas or electric heaters; fixtures with emergency batteries should only operate in temperatures: 32° ~ 95°F (0° - 35°C).
- Do not connect battery pack connector until all other wiring is complete and AC power is on.
- Verify that all replacement parts installed are suitable for use with this emergency battery pack.
- Luminaire wiring and electrical parts may be damaged when drilling for installation of LED Emergency Backup. Check that enclosed wiring and components are clear of the area before drilling.

⚠ WARNING DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

INSTALLATION TO LED STEALTH™ FULL CUTOFF WALL PACKS

1. Unscrew door with a Philips screwdriver by loosening (2) screws on the top of the fixture. Confirm junction box size and mounting provisions match that of the light fixture.
2. Drill two small hole (one for D5mm, one for D7mm) for indicator wire and test button for EM driver on the top of fixture as (Fig 1).
3. Assemble EM driver as shown in (Fig 1). *Note: Do not over-tighten the straps; this can damage the battery or driver, and cause it to fail, and void the warranty. Just tighten enough to secure in place.*
4. Attach the light fixture to the junction box or mounting surface.
5. Connect the appropriate wires to the light fixture wires, see wiring diagram (Fig. 2). Secure each wire pair with a UL approved connectors. *Note: Make sure all wiring is connected correctly, incorrect wiring may cause the LED driver to short out, voiding warranty*
6. Close the door and tighten (2) screws on the door lens. Nothing should be trapped in the gasket sealing area when the door is closed.
7. Apply silicone sealant between wall and housing where necessary.

WIRING FOR LED EMERGENCY BACKUP (Fig. 2)

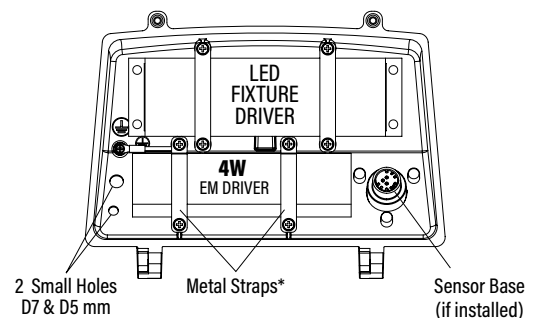
Accessories pack included; containing wire and connectors etc.

Turn off the power before connecting wires.

1. Connect LED Driver V+ (RED) with Emergency Driver +
2. Connect LED Driver V- (BLACK) with Emergency Driver -
3. Connect Fixture LED + with EM LED +
4. Connect Fixture LED - with EM LED -
5. LED Driver ACL (Black) Connect with electric wire of switch on wall, and EM ACL (RED) connect with un-switched electric wire ACL (BLACK). *The fixture's AC driver must be on the same branch circuit as the LED Emergency Backup unit.*
6. Connect LED Driver ACN (WHITE) with EM ACN (WHITE).
7. Connect LED Driver GND (GREEN) with EM GND (GREEN).
8. Connect Battery wire with EM driver and connect Indicator wire with EM.

Note: Make sure all wiring is connected correctly, and the fixture's AC driver is on the same branch circuit as the LED Emergency Backup unit; incorrect wiring may cause the LED driver to short out, voiding warranty

Fig. 1



**Do not over-tighten the straps; this can damage the battery or driver, and cause it to fail, and void the warranty. Just tighten enough to secure in place.*

Fig. 2 - WIRING FOR EMERGENCY BATTERIES

