



BEFORE YOU BEGIN

Read these instructions completely and carefully.



AVANT DE COMMENCER

Lisez attentivement toutes ces instructions.

⚠ WARNING

RISK OF ELECTRIC SHOCK

- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.

RISK OF FIRE

- Follow all NEC and local codes.
- Use only UL or IEC approved wire for input/output connections. Minimum size 18 AWG.

⚠ AVERTISSEMENT

RISQUE D'ÉLECTROCUTION

Coupez l'alimentation avant l'installation ou un entretien de ce produit.

RISQUE DE BLESSURE

Portez des lunettes de sécurité et des gants lors de l'installation et des entretiens.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAN ICES-005 (A) / NMB-005 (A).

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Save These Instructions

Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

Cette luminaire est en conformité avec la Partie 15 des Règles FCC. Sa mise en marche est soumise aux deux conditions suivantes: (1) Ce produit ne doit pas provoquer d'interférence nuisible, et (2) ce produit doit accepter toute interférence reçue, y compris l'interférence pouvant engendrer une mise en marche indésirable. CAN ICES-5 (A)/NMB-5(A).

Cet équipement a été testé et il a atteint les limites de conformité dans des appareils numériques Classe A, en conformité avec la Partie 15 des Règles FCC. Ces limites sont développées en vue de fournir une protection raisonnable contre l'interférence nuisible, lorsque l'équipement est opéré en milieu commercial. Cet équipement génère, utilise et peut émettre une énergie de radiofréquence et, lorsqu'il n'est pas installé et utilisé selon le manuel d'instruction, il peut engendrer d'interférence aux communications radio. La mise en marche de cet équipement dans une aire résidentielle peut engendrer d'interférence nuisible; dans ce cas, l'utilisateur est contraint à corriger l'interférence à ses propres frais.

Conservez ces Instructions

Utilisez ce produit uniquement selon l'usage prévu par le fabricant. Si vous avez des questions, contactez le fabricant.

Prepare Electrical Wiring



Electrical Requirements

The LED driver must be supplied with 120–480 VAC, 50/60 Hz per product label and connected to an individual properly grounded branch circuit, protected by a 15 or 20 ampere circuit breaker.



Grounding Instructions

The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) Article 600 and local codes.

Preparación del Cableado Eléctrico



Requisitos Eléctricos

El transformador del LED debe ser alimentado con 120–480 VCA, 50/60 Hz por producto y conectado a un circuito individual debidamente conexo a tierra, protegido por un disyuntor de 15 a 20 amperios.

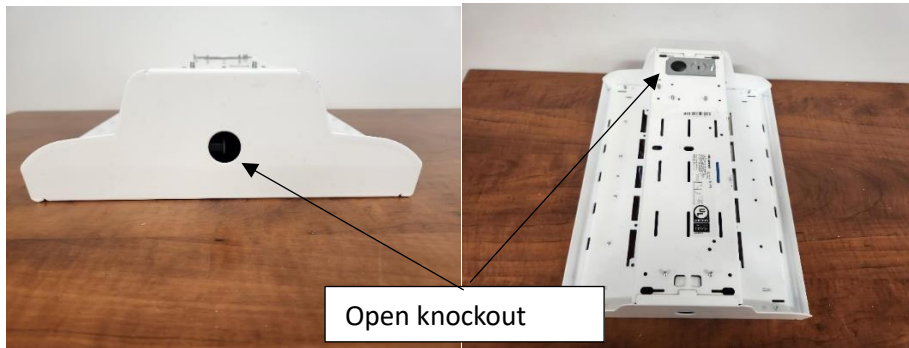


Instrucciones de Conexión a Tierra

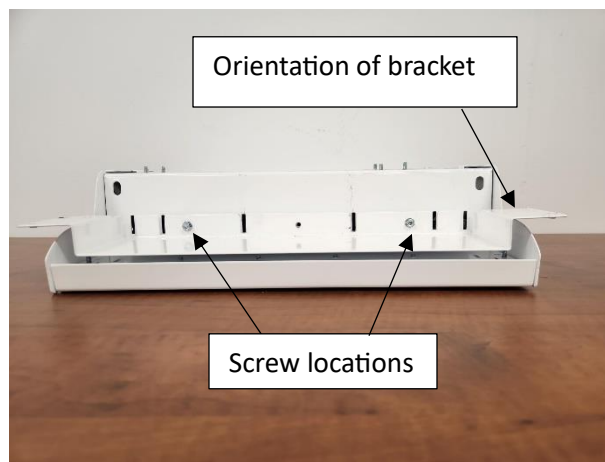
La puesta a tierra y la conexión del sistema en general se deben llevar a cabo según estándares para la conexión a tierra locales.

Highbay Conversion of a Single Housing Luminaire:

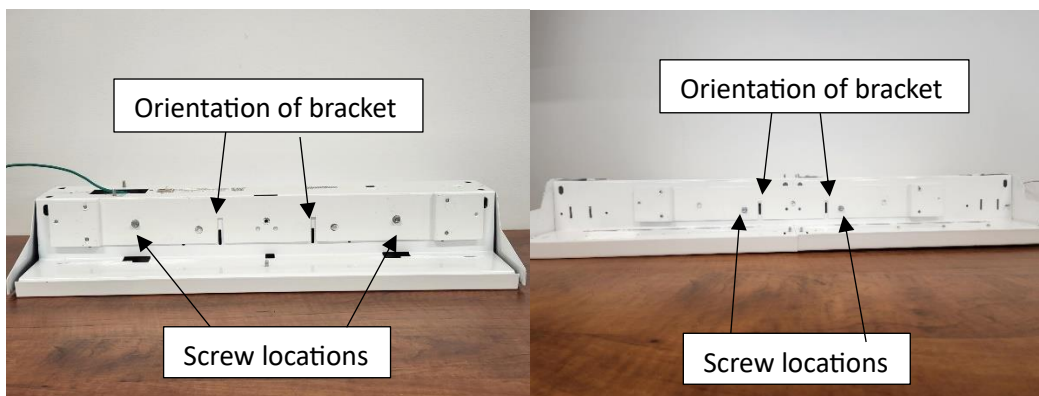
- 1) Open the knockout hole in the input plate and the endcap (the one near the input)



- 2) For ECH1 Size 1, PELA Size 2, ABC Size 2 and ABV4 Size 1, place EMBB mounting bracket on the side of the fixture using 2 screws. The orientation in which the bracket is mounted, and the screws' location can be seen in the image below.

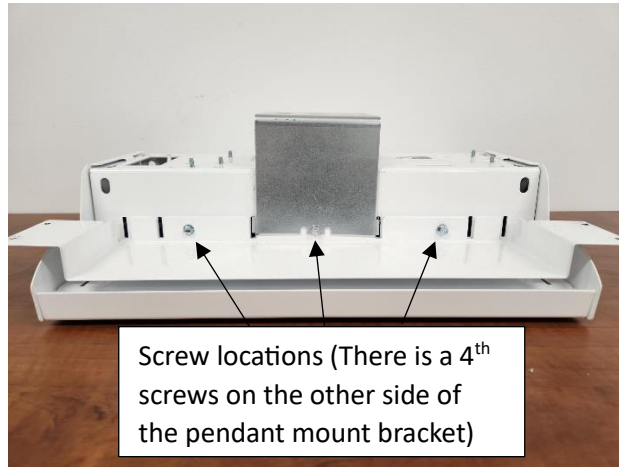


- 3) For PELA Size 1&3, ECH1 Size 2&3, ABC Size 3 and ABV4 Size 2&3 place EMBB mounting bracket on the side of the fixture using 2 screws. The orientation in which the bracket is mounted, and the screw' location can be seen in the image below.

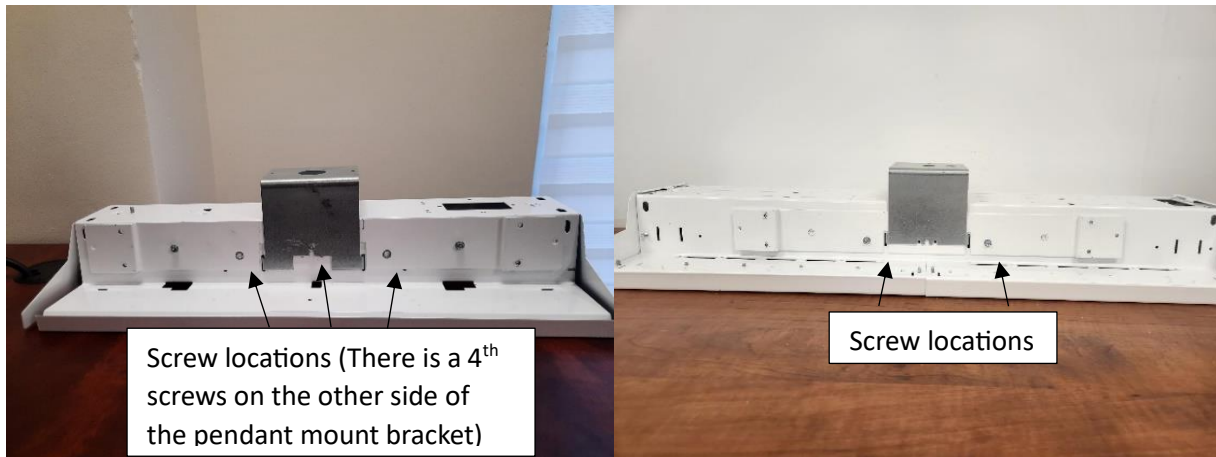


- 4) If the fixture contains a pendant mount, remove it from the fixture and follow step 3 to install bracket to the body. Once bracket is attached, reinstall the pendant mount over the body as shown below:

- a) For ECH1 Size 1, PELA Size 2, ABC Size 2 and ABV4 Size 1:

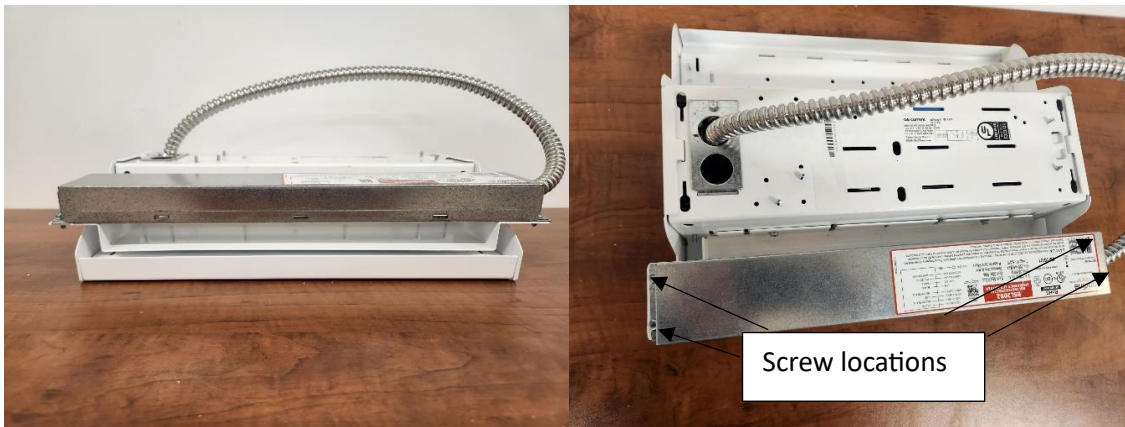


- b) For PELA Size 1&3, ECH1 Size 2&3, ABC Size 3 and ABV4 Size 2&3:

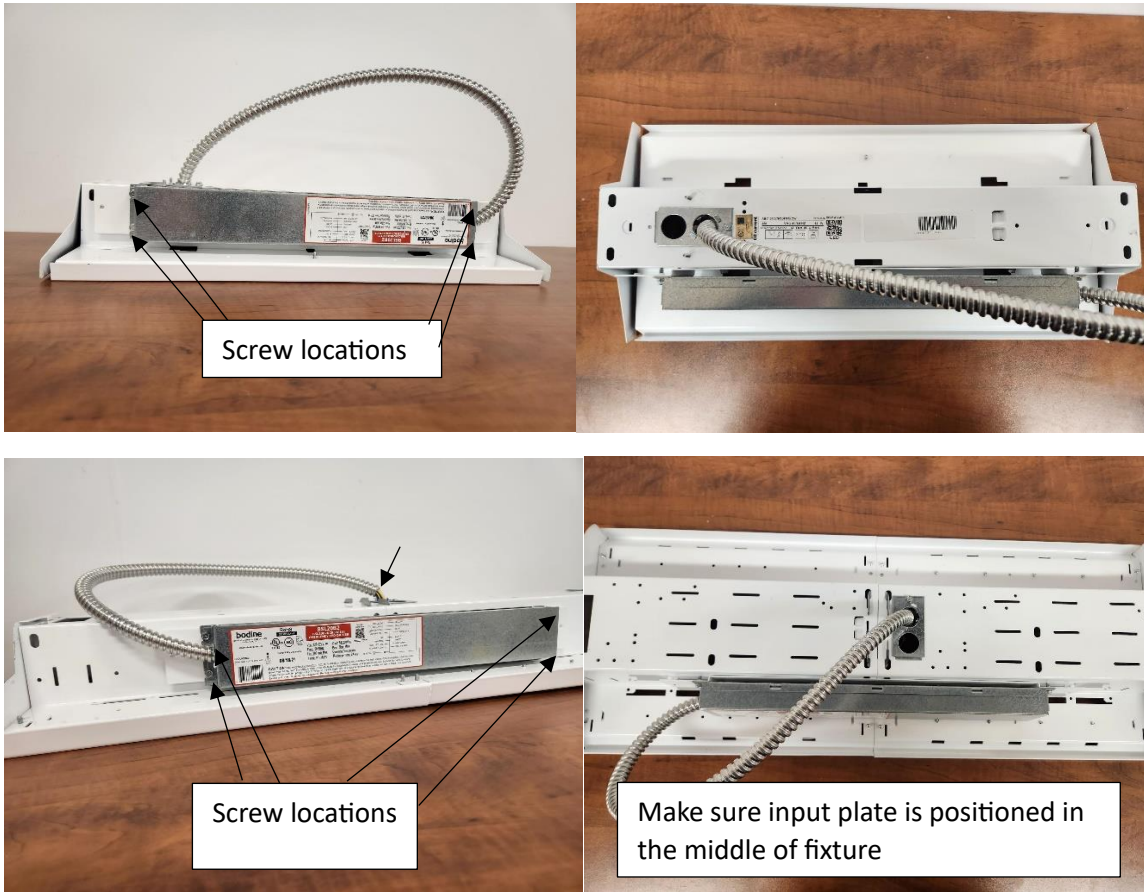


- 5) Place EMBB battery on top of the bracket and mount it using 4 screws (two screws on each side)

- a) For ECH1 Size 1, PELA Size 2, ABC Size 2 and ABV4 Size 1:



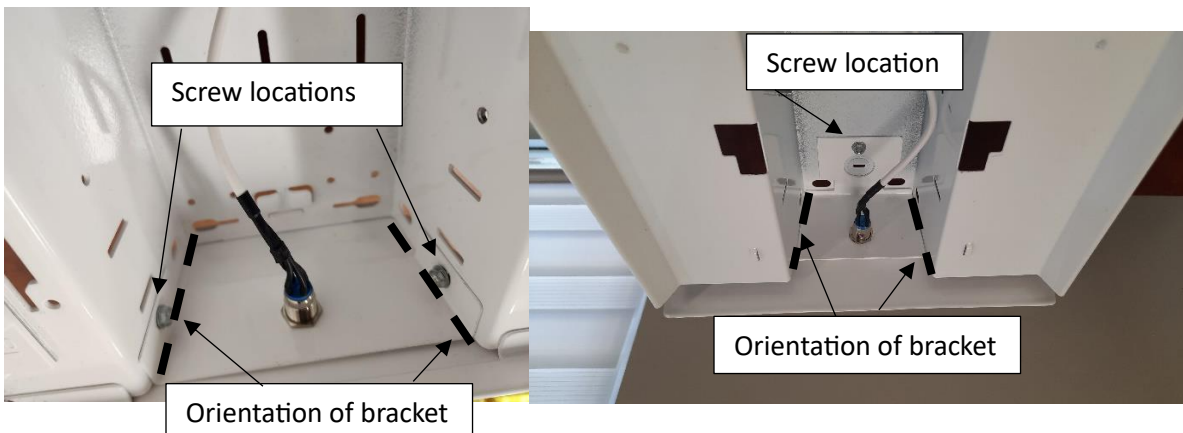
b) For PELA Size 1&3, ECH1 Size 2&3, ABC Size 3 and ABV4 Size 2&3:



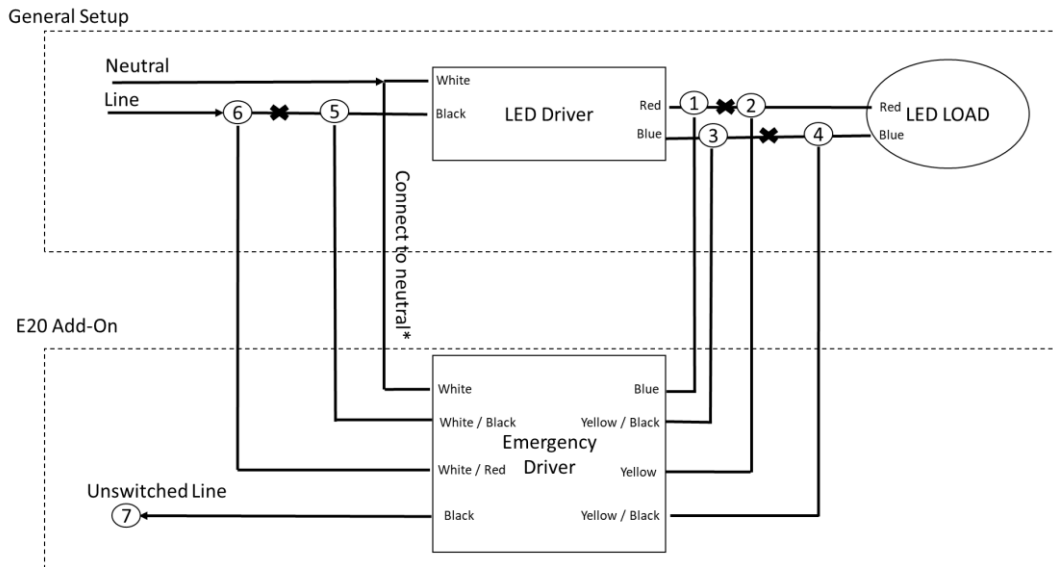
6) Pass the EMBB metal conduit through the hole into the input plate.



7) Place EMBB button bracket inside the housing next to the endcap and ensure button is visible from the exterior. Mount the button bracket using the screws provided on the interior side of the fixture as seen below, Screw position vary per body size, below are the 2 possibilities:



Emergency Add-on for a single housing:



Legend:

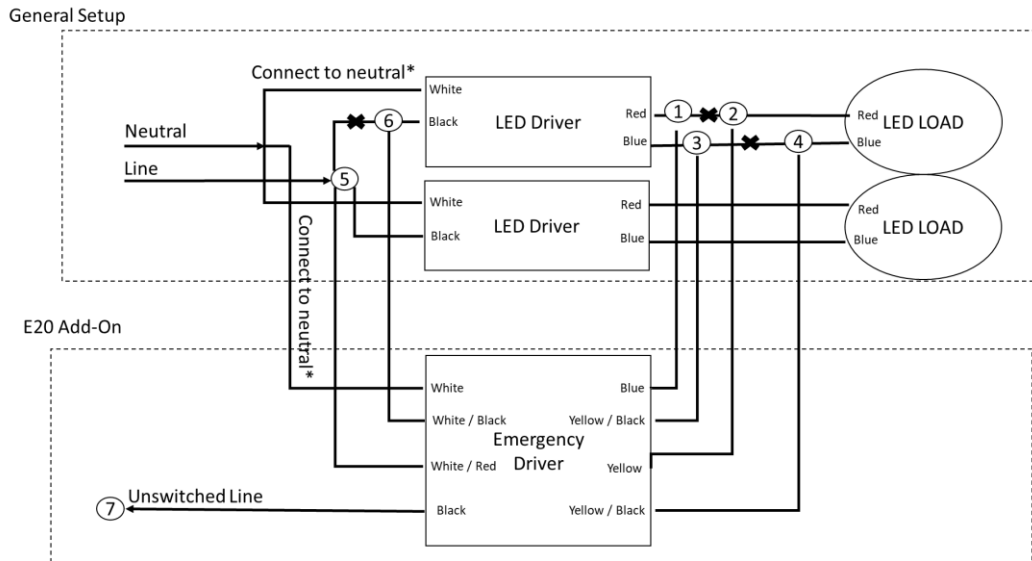
X : Cuts that need to be made for connections.

Connections to be made:

- 1 : Red of power supply unit (PSU) to blue of battery
- 2 : Red of LED boards to yellow of battery
- 3 : Blue of power supply unit (PSU) to yellow/black of battery
- 4 : Blue of LED boards to yellow/black of battery
- 5 : Black of power supply unit (PSU) to white/black of the battery
- 6 : Customer line to white/red of the battery
- 7 : Customer to connect uninterrupted power

*Connect customer neutral to the white of power supply unit (PSU) and white of battery

Emergency add-on for a single and double housing (with 2 drivers):



Legend:

✂ : Cuts that need to be made for connections.

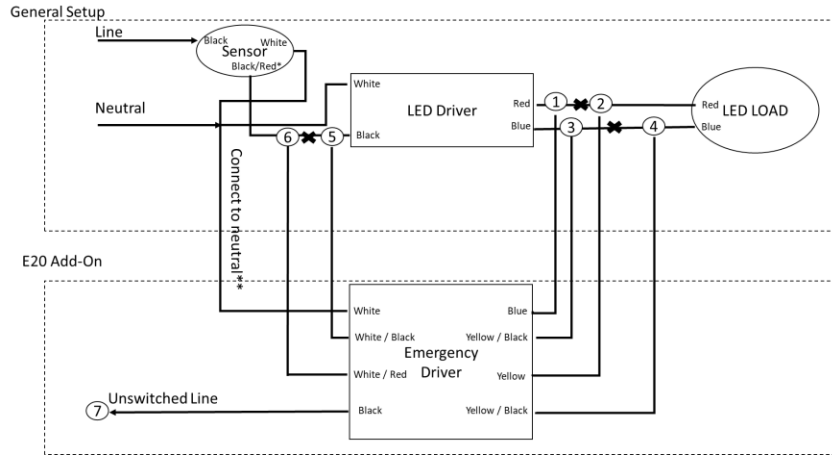
Connections to be made:

- ① : Red of power supply unit (PSU) to blue of battery
- ② : Red of LED boards to yellow of battery
- ③ : Blue of power supply unit (PSU) to yellow/black of battery
- ④ : Blue of LED boards to yellow/black of battery
- ⑤ : Customer line to white/red of the battery and the black of the second driver
- ⑥ : Black of first power supply unit (PSU) to white/black of the battery
- ⑦ : Customer to connect uninterrupted power

*Connect customer neutral to the white of both power supply units (PSU) and white of battery

Note, only 1 driver will pass through the battery unit.

Emergency add-on for a single and double housing (3rd Party Option and WASP Sensors):



Legend:

X : Cuts that need to be made for connections.

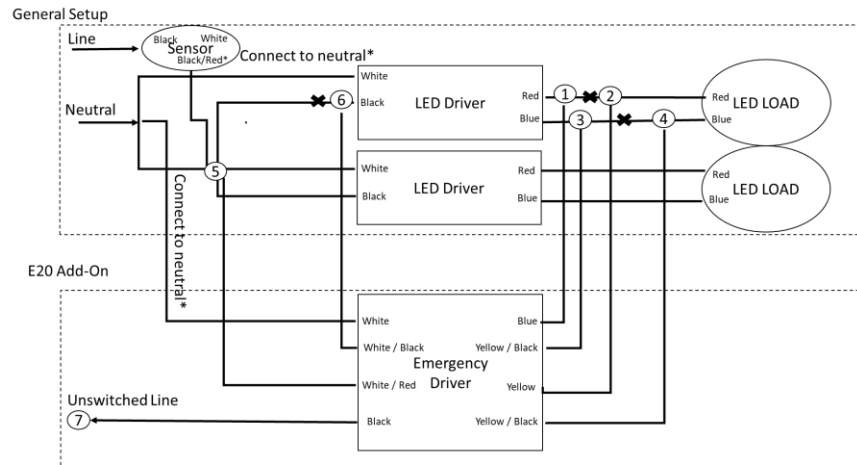
Connections to be made:

- ① : Red of power supply unit (PSU) to blue of battery
- ② : Red of LED boards to yellow of battery
- ③ : Blue of power supply unit (PSU) to yellow/black of battery
- ④ : Blue of LED boards to yellow/black of battery
- ⑤ : Black of power supply unit (PSU) to white/black of the battery
- ⑥ : Black of sensor to white/red of the battery
- ⑦ : Customer to connect uninterrupted power

*: For WASP sensor, the connection is red instead of black

** : Connect customer neutral to the white of power supply units (PSU), white of battery and white of sensor

Emergency add-on for a single and double housing (2 Driver with 3rd Party Option and WASP Sensors):



Legend:

X : Cuts that need to be made for connections.

Connections to be made:

- 1 : Red of power supply unit (PSU) to blue of battery
- 2 : Red of LED boards to yellow of battery
- 3 : Blue of power supply unit (PSU) to yellow/black of battery
- 4 : Blue of LED boards to yellow/black of battery
- 5 : Customer line to white/red of the battery, black of the second driver and black/red* of sensor
- 6 : Black of first power supply unit (PSU) to white/black of the battery
- 7 : Customer to connect uninterrupted power

*: For WASP sensor, the connection is red instead of black

** : Connect customer neutral to the white of both power supply units (PSU), white of battery and white of sensor