

Specifications

Item	- 36481D
Model	- LED/17/T8/4FT/3CCT EMERGENCY
Bulb Type	- LED Type B
Bulb Shape	- T8
Base Type	- G13
Beam Angle	- 120°
Input Voltage	- 120-277VAC 50/60Hz
Watts	- 17
Diameter	- 1.30in (33mm)
Length	- 47.75in (1213mm)
Color Temp	- 3500-4000-5000K
CRI	- >80
Power Factor	- >0.9
Lumens	- 2000 on AC power - 600 on battery power
Dimmable	- No
Average Life Hours	- 50000
Location Rating	- Dry or damp
Ambient Operating Temp.	- 32°F ~ 104°F (0°C ~ 40°C)
Storage Temp.	- 14°F ~ 104°F (-10°C~40°C) for 1 year
Recharge Time	- 24 Hours
Discharge Time	- ≥ 90 mins
Battery Type	- Lithium-ion Polymer Cell/14.8V/650mAh



Caution

- This fixture must be wired in accordance with the National Electrical Code (NEC) and applicable local ordinance. Proper grounding is required to ensure personal safety. Carefully observe grounding procedure under the installation section.
- Make certain power is OFF before starting the installation or attempting any maintenance. Risk of fire/electric shock. If not qualified, consult a licensed electrician.
- Disconnect power at fuse or circuit breaker before installing or servicing.
- RISK OF BURN - Disconnect power and allow the fixture to cool before servicing.
- RISK OF PERSONAL INJURY - Fixture may become damaged and/or unstable if not installed properly. Make sure all fixture components are securely tightened.

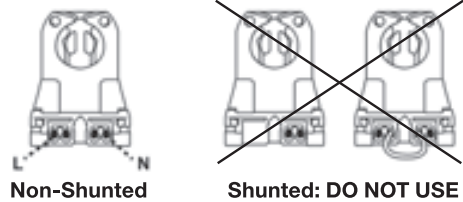
Precaución

- Esta luminaria debe cablearse de acuerdo con el Código Eléctrico Nacional (NEC) y las ordenanzas locales aplicables. Se requiere una conexión a tierra adecuada para garantizar la seguridad personal. Observe atentamente el procedimiento de conexión a tierra que se describe en la sección de instalación.
- Asegúrese de que la alimentación esté apagada antes de iniciar la instalación o realizar cualquier mantenimiento. Riesgo de incendio o descarga eléctrica. Si no está cualificado, consulte a un electricista cualificado.
- Desconecte la energía en el fusible o disyuntor antes de instalar o realizar mantenimiento.
- RIESGO DE QUEMADURAS: Desconecte la alimentación y deje que el dispositivo se enfríe antes de realizarle mantenimiento.
- RIESGO DE LESIONES PERSONALES: La luminaria puede dañarse o desestabilizarse si no se instala correctamente. Asegúrese de que todos los componentes de la luminaria estén

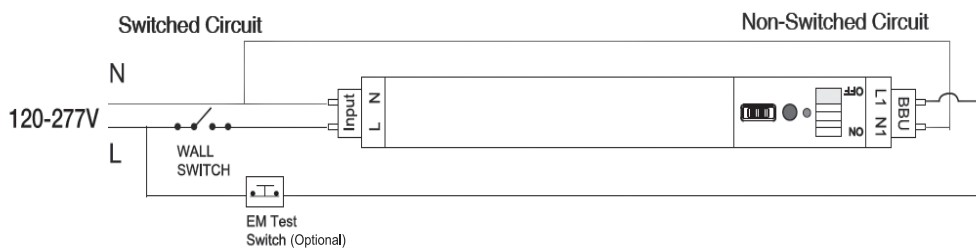


WARNING:

- **DANGER: Risk of fire or electric shock.** Before installation, disconnect AC power at the circuit breaker. This includes both switch power and BBU power (battery backup unit), which should be on a separate circuit.
- Make all electrical and ground connections in accordance with local codes or the National Electrical Code. If you are not familiar with these codes and requirements, consult a qualified electrician. The qualified electrician should be familiar with the construction and operation of this product and hazards involved. Failure to do so may result in serious personal injury.
- Do not exceed 120-277V operating voltage.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in any enclosure of wiring or electrical components.
- While the light is on, avoid direct eye exposure.
- Combustible material should be kept away from fixture.
- Do not use when the enclosure is damaged or broken.
- Do not alter, relocate or remove wiring, lamp holder power supply or any other electrical component.
- The battery in this device is not user serviceable. Do not incinerate.
- **Use only with non-shunted lamp holder.** Installers should not disconnect the existing wire from lampholder terminals to make new connections at lampholder terminals. Instead, installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.



Emergency Wiring Diagram



WARNING: This lamp holder is connected to the BBU Mains, which is only off during power outages and cannot be controlled by the wall switch.

Warning Label

INSTALLATION

1. Disconnect AC power prior to performing electrical work. This includes both switch power and BBU power.
2. Remove existing fluorescent lamps and diffuser (if applicable).
3. Disconnect luminaire supply wiring to branch circuit and cut lamp holder leads. Cut as far away from each lamp holder as possible to allow for longer lengths at the lamp holders.
WARNING: Verify that the lamp holders are non-shunted (see diagram). Note: Different Emergency LED tubes may have different wiring methods.
4. Refer to Emergency Wiring Diagram: First, connect the L, N wires to the lamp holders on the left as shown. These lamp holders are connected to a wall switch and input end cap (marked L, N) of the lamp. Next, connect the L, N wires to the lamp holder on the right. These lamp holders are connected to the BBU end cap (marked L1, N1) of the lamp. Then, place the Warning Label on the right side of the lamp holder to ensure that it can be clearly observed.
5. Close the wiring compartment cover and make sure live parts are not accessible. Place field-applied label in a visible section inside the luminaire.
6. Slide the white battery switch of the lamp to ON as shown, the lamp will light up by battery power.
Note: Initial position of the white battery switch is OFF.
7. Install the lamps and make sure the input endcaps (marked L, N) are installed into the switched circuit left side of the lamp holder, and the BBU end cap (marked L1, N1) installed to the non-switched circuit right side of lamp holder.
8. Install the diffuser (if applicable). Turn on the power and flip the wall switch to ON. The green indicator light beside the white battery switch will light up to indicate charging.

Type B LAMP – intended for operation in luminaires with traditional fluorescent-type lampholders wired directly to the branch circuit. This includes both factory-wired luminaires as well as those converted for this purpose under a retrofit program

CAUTION - RISK OF ELECTRIC SHOCK. Do not use if outer lamp envelope is damaged or broken

NOTE

1. After a power failure, the lamp will be turned on by the battery and kept on for more than 90 minutes. It will take more than 24 hours to fully recharge the battery after the battery is depleted.
2. Observe that the lamp is working properly by turning the wall switch on and off. If the lamp enters BBU (Battery Backup) mode when the wall switch is turned off, the end cap of the lamp may be inserted into the wrong lamp socket. You need to switch the positions of the two end caps and check that the position of the warning label is correct.
3. To test the BBU mode, press and hold the red button on the lamp or the EM test switch (optional) for 6 seconds to simulate a power failure. The lamp will turn off and immediately enter BBU mode and the green

- indicator light will turn off. Release the red button or EM test switch (optional), the lamp will exit BBU mode and return to normal brightness.
4. The lamp has an automatic BBU test function once a month. When the lamp is plugged in, press and hold the red button on the lamp for more than 6 seconds and release the button to simulate this periodic BBU test function, the lamp will enter BBU mode and remain on for more than 90 minutes. When the lamp is in BBU mode, press the red button again, the lamp will exit this function and return to normal brightness. * Consult your local fire marshal or electrical code authority for periodic testing requirements or NFPA 70 (National Electric Code) or NFPA 101 (Life Safety Code) for details.