

Quick Guide



Emergency Lighting LED Retrofit Solutions



LED Tube lamps are often installed in traditional fluorescent luminaires. The solution to add emergency for these lamps is quite straight forward. First determine if the lamp is Type A, B or C. See description below for each lamp type.

The most common type is A where the fluorescent AC ballast is kept in the luminaire and used in conjunction with a fluorescent emergency ballast that has AC output in the emergency operation.

The second most common TLED lamp is type B, where the AC ballast is removed and the TLED lamp can be wired directly to AC line. These lamps will need to be operated by a sinewave inverter.

The least common TLED lamp is operate by a LED driver which delivers DC voltage to the lamp and will require a LED Emergency driver.

If you need any assistance in selecting the correct emergency solution, please call 1-877-774-4775. We are here to help.

<u>TLED Type</u>	<u>Description</u>	<u>Emergency Solution</u>
Type A	LED Tube that directly replaces a fluorescent Lamp	Assurance Fluorescent Emergency Ballast with AC output Models: RHB1201, RHB831LP, RHB1301LP, BAL1400ACTD
Type B	TLED Tubes with integral AC Driver that accepts Line Voltage. The fluorescent ballast is removed from the fixture.	Assurance Emergency Inverters Models: Si-36, Si-125, Si-250, Si-400 Si-600
Type C	TLED/ LED Strips that are connected to a LED AC Driver. The fluorescent lamp and driver are replaced with new Class 2 Board and Driver.	Assurance L Series Emergency LED Drivers Models: L5-CEC, L10-CEC, L10-DC-CEC, L10-NP-CEC, L14-DC-CEC

