

# Quick Guide



## Emergency Lighting LED ( TLED) 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 or B 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.

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

### TLED Type **Type A**

### Description

LED Tube that directly replaces a fluorescent Lamp- AC Ballast is still used in the luminaire

### Emergency Solution

Assurance Fluorescent Emergency Ballast with AC output  
Models:

**BAL1400ACTD**



### **Type B** Type A + B Hybrid

TLED Tubes with integral AC Driver that accepts Line Voltage. The fluorescent ballast is removed from the fixture.

Assurance Emergency Inverters  
Models:

**Si-10-PST, Si-23-PST, Si-35-PST, Si-50-PST, Si-100-PST**

*Note: The Si-10-PST can operate a 12.5W or smaller Type B Tled.*

