

## LED EMERGENCY BATTERY PACK



MODEL NO: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

### LED OPERATION

Up to 7W LED load at 12VDC (Nominal)

### DESCRIPTION:

The **ILB-1207** from IOTA Engineering is a UL Recognized LED emergency battery pack that allows the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the **ILB-1207** switches to the emergency mode and operates the existing fixture for **90 minutes**. The unit contains a battery, charger, and converter circuit in a single can and is provided with dual flex for wiring to the fixture. The **ILB-1207** is for use with an LED load up to **7W** at a rated current of **580mA**.

### TECHNICAL SPECIFICATIONS

|                                     |  |
|-------------------------------------|--|
| Input Voltage .....                 | (Dual) 120/277 VAC, 60Hz   |
| Input Rating .....                  | 2.0 Watts  |
| Output Voltage .....                | 12 VDC Nominal   |
| Output Current.....                 | 580 mA (constant)  |
| Output Power.....                   | 7 W (Max)  |
| Emergency Operation.....            | 90 minutes   |
| Operating Temp .....                | 0° to 55° C  |
| Battery .....                       | Nickel-Cadmium<br>24 Hour Recharge<br>7-10 Year Life Expectancy    |
| Weight .....                        | 4.0 lbs.   |
| UL Conditions of Acceptability..... | Must be factory wired<br>Battery temperature must not exceed 55° C |



### FEATURES

Long life high temperature recyclable Ni-Cad battery

Galvanized steel case

Includes test switch and charge indicator accessory kit

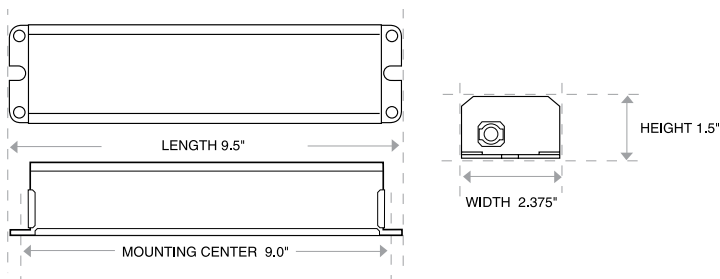
For use with switched or unswitched fixtures

**5-Year Warranty.** See Warranty Page for details.

Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements

### CASE DIMENSIONS

9.5" x 2.375" x 1.5" (mounting center 9.0")



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# ILB-1207

LED EMERGENCY BATTERY PACK

## OPTIONS

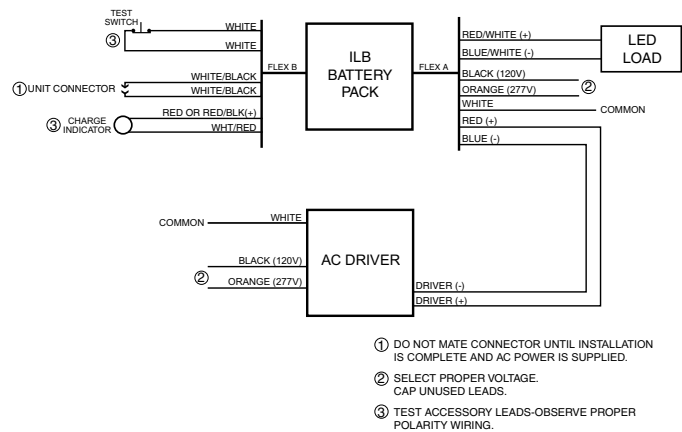
### CONFIGURATION

- TBTS (STANDARD)
- TWO-PIECE TEST SWITCH AND CHARGE INDICATOR

## ILB-1207 SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard LED fixture equipped with an **ILB-1207** LED emergency battery pack. The **ILB-1207** shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a 9.5" x 2.375" x 1.5" vandal-resistant galvanized steel case. The unit is designed for installation on top of the fixture and is equipped with  $\frac{3}{8}$ " flex for wiring to the fixture or ballast compartment. A test switch and charge indicator accessory kit shall be included. The LED emergency battery pack shall operate an LED load of up to 7W at a rated current output of 580mA for a minimum of 90 minutes in the emergency mode. The **ILB-1207** shall have 2.0 watts of input power and a battery capacity of 16.8 watt hours. The **ILB-1207** is UL Recognized and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements. The **ILB-1207** is warranted for a full five (5) years from the date of purchase.

## ILB-1207 SAMPLE WIRING DIAGRAM



## REMOTE MOUNTING

When battery packs are remote mounted, the remote distance can not exceed  $\frac{1}{2}$  of the distance from driver to load specified by the A.C. driver manufacturer. For example, if the A.C. driver manufacturer recommends no more than 8' remote distance, then the battery pack should not exceed 4'. The maximum allowable remote mounting distance is 10' from the load.

IOTA REV 090409