



DESCRIPTION

The **ILB2412** from IOTA 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 **ILB2412** 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 available in different mounting configurations for individual fixture requirements. The **ILB2412** is for use with an LED load up to **12W** at a rated current of **500mA**.

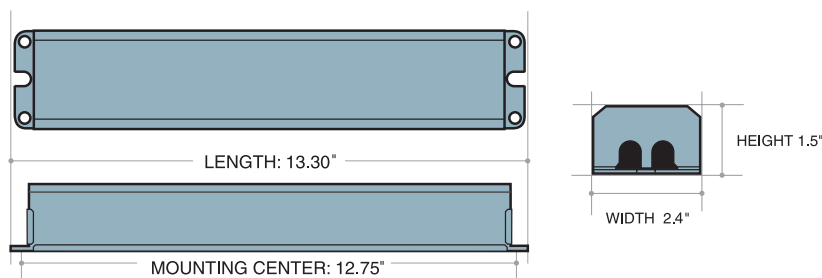
SPECIFICATIONS

| | |
|-------------------------------------|---|
| Input Voltage | (Dual) 120/277VAC, 60Hz |
| Input Rating | 2.5W |
| Output Voltage | 17-28 VDC |
| Output Current | 500mA (constant) |
| Output Power | 12 Watts (Max) |
| Max. Connected Power | 3 Amps |
| Emergency Operation | 90 minutes |
| Operating Temp..... | 0° to 50° C |
| Battery..... | High Temp Nickel-Cadmium 24 Hour Recharge 7-10 Year Life Expectancy |
| Weight..... | (-A, -R) 3.5 lbs. (-B, -TM) 3.0 lbs. (-J, -R-J) 3.25 lbs. |
| UL Conditions of Acceptability..... | Must be factory wired Battery temperature must not exceed 50° C |



DIMENSIONS

13.3" x 2.4" x 1.5" (mounting center 12.75")



MODEL NO: _____
 TYPE: _____
 PROJECT: _____
 COMMENTS: _____

LED OPERATION:

Up to 12W LED load

OUTPUT:

500mA, 17-28 VDC

FEATURES

- Six mounting configurations available
- 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
- Suitable for use in Damp Locations



ILB2412

LED EMERGENCY BATTERY PACK

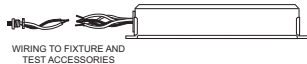
OPTIONS

TEST KIT CONFIGURATION

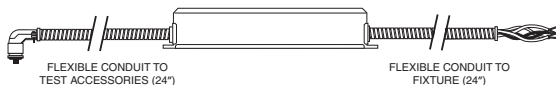
- ☐ TBTS (Standard)

MOUNTING CONFIGURATIONS

- ☐ B (Integral Non-Flex unit)



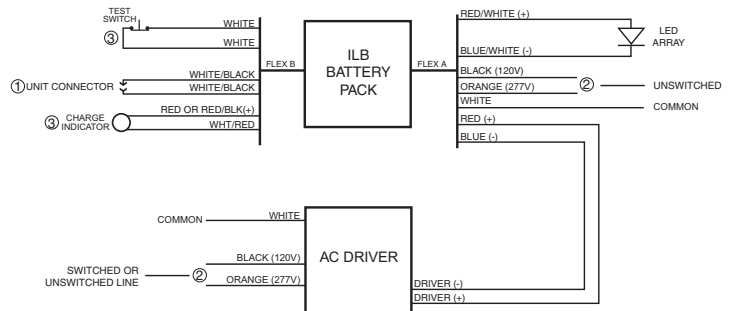
- ☐ R (Dual Flex unit with Reflector-Mount TBTS switch)



ILB2412 B SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard LED fixture equipped with an **ILB2412 B** LED emergency battery pack. The **ILB2412 B** shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a 13.3" x 2.375" x 1.5" vandal-resistant galvanized steel case for installation in the wireway or on top of the fixture. A test switch and charge indicator accessory kit shall be included. The LED emergency battery pack shall operate an LED load of up to 12W at a rated current output of 500mA for a minimum of 90 minutes in the emergency mode. The **ILB2412 B** shall have 2.5 watts of input power and a battery capacity of 24 watt hours. The **ILB2412 B** is UL Recognized and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements. The **ILB2412 B** is warranted for a full five (5) years from the date of purchase.

ILB2412 R SAMPLE WIRING DIAGRAM



- ① DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
- ② SELECT PROPER VOLTAGE. CAP UNUSED LEADS.
- ③ TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.

Warranty: 5-Year Limited Warranty
Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx