ILB-1212

LED EMERGENCY BATTERY PACK



MODEL NO:	
TYPE:	
PROJECT:	
COMMENTS:	

LED OPERATION

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

DESCRIPTION:

The ILB-1212 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-1212 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 and test accessories. The ILB-1212 is for use with an LED load up to 12W at a rated current of 1000mA.

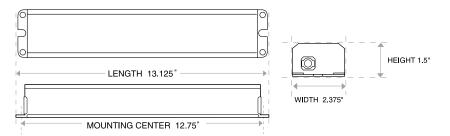
TECHNICAL SPECIFICATIONS

Input Voltage	(Dual) 120/277 VAC, 60Hz
Input Rating	2.0 Watts
Output Voltage	12 VDC Nominal
Output Current	1000 mA (constant)
Output Power	12 W (Max)
Emergency Operation	90 minutes
Operating Temp	0° to 55° C
Battery	Nickel-Cadmium
	24 Hour Recharge 7-10 Year Life Expectancy
Weight	4.5 lbs.
UL Conditions of AcceptabilityBattery temper	Must be factory wired erature must not exceed 55° C



CASE DIMENSIONS

13.125" x 2.375" x 1.5" (mounting center 12.75")



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



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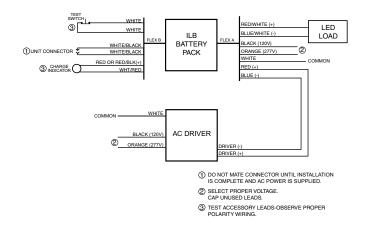
LED EMERGENCY BATTERY PACK

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

ILB-1212 SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard LED fixture equipped with an ILB-1212 LED emergency battery pack. The ILB-1212 shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a 13.125" 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 3/6" 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 12W at a rated current output of 1000mA for a minimum of 90 minutes in the emergency mode. The ILB-1212 shall have 2.0 watts of input power and a battery capacity of 24 watt hours. The ILB-1212 is UL Recognized and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements. The ILB-1212 is warranted for a full five (5) years from the date of purchase.

ILB-1212 SAMPLE WIRING DIAGRAM



REMOTE MOUNTING

When battery packs are remote mounted, the remote distance can not exceed $^{1}/_{2}$ 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.

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