LED EMERGENCY BATTERY PACK



DESCRIPTION:

The ILB-1205 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-1205 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-1205 is for use with an LED load up to 5W at a rated current of 400mA.

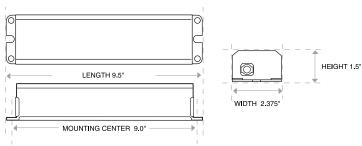
TECHNICAL SPECIFICATIONS

Input Voltage	(Dual) 120/277 VAC, 60Hz
Input Rating	2.0 Watts
Output Voltage	12 VDC Nominal
Output Current	400 mA (constant)
Output Power	5 W (Max)
Emergency Operation	90 minutes
Operating Temp	0° to 55° C
Battery	Nickel-Cadmium 24 Hour Recharge 7-10 Year Life Expectancy
Weight	4.0 lbs.
UL Conditions of Acceptability	Must be factory wired Battery temperature must not exceed 55° C



CASE DIMENSIONS

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



ILB-1205

MODEL NO: _	
TYPE:	
PROJECT: _	
COMMENTS:	

LED OPERATION

Up to 5W LED load at 12VDC (Nominal)

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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ILB-1205

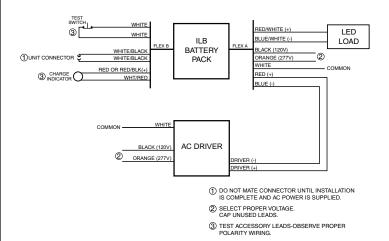
LED EMERGENCY BATTERY PACK

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

ILB-1205 SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard LED fixture equipped with an **ILB-1205** LED emergency battery pack. The **ILB-1205** 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 $^3/_6$ " 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 5W at a rated current output of 400mA for a minimum of 90 minutes in the emergency mode. The **ILB-1205** shall have 2.0 watts of input power and a battery capacity of 14.4 watt hours. The **ILB-1205** is UL Recognized and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements. The **ILB-1205** is warranted for a full five (5) years from the date of purchase.

ILB-1205 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.