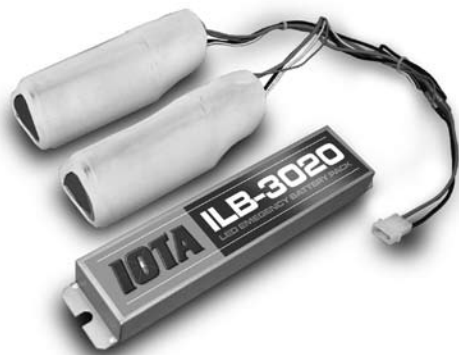


LED EMERGENCY BATTERY PACK



MODEL NO: _____

TYPE: _____

PROJECT: _____

COMMENTS: _____

LED OPERATION

Up to 24W LED load

DESCRIPTION:

The **ILB-3020** 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-3020** switches to the emergency mode and operates the existing fixture for **90 minutes**. The unit includes one 16-cell or two 8-cell long life high temperature Ni-Cad battery packs, and a single can containing a charger and converter circuit for wiring to the fixture and test accessories. The **ILB-3020** is for use with an LED load up to **24W** at a rated current of **750mA**.

TECHNICAL SPECIFICATIONS

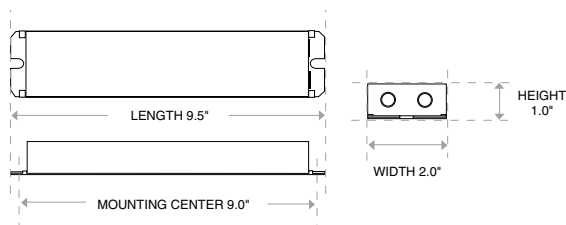
Input Voltage.....	(Dual) 120/277 VAC, 60Hz
Input Rating.....	5.5 Watts
Output Voltage.....	30 VDC
Output Current.....	750 mA (constant)
Output Power.....	Up to 24W max
Emergency Operation.....	90 minutes
Operating Temp.....	0° to 50° C
Battery.....	High Temp Nickel-Cadmium 24 Hour Recharge 7-10 Year Life Expectancy
Weight.....	4.0 lbs.
UL Conditions of Acceptability.....	Must be factory wired Battery temperature must not exceed 50° C

FEATURES

- UL Recognized Component
- Long life high temperature recyclable Ni-Cad batteries
- 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
- Damp Location model available



CASE DIMENSIONS*



*See reverse for battery pack options and dimensions



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ILB-3020

LED EMERGENCY BATTERY PACK

OPTIONS

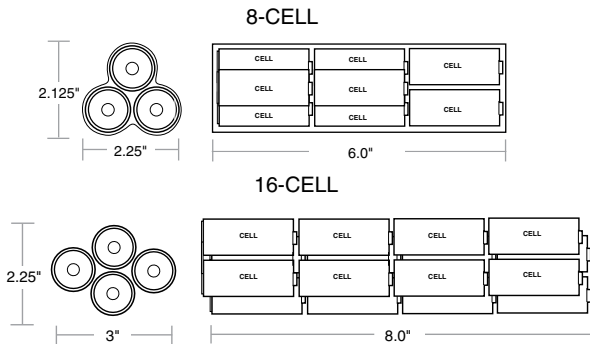
TEST KIT CONFIGURATION

- TBTS
- TWO-PIECE TEST SWITCH AND CHARGE INDICATOR

BATTERY CONFIGURATION

- D - DUAL BATTERY PACKS (TWO 8-CELL)
- S - SINGLE BATTERY PACK (ONE 16-CELL)

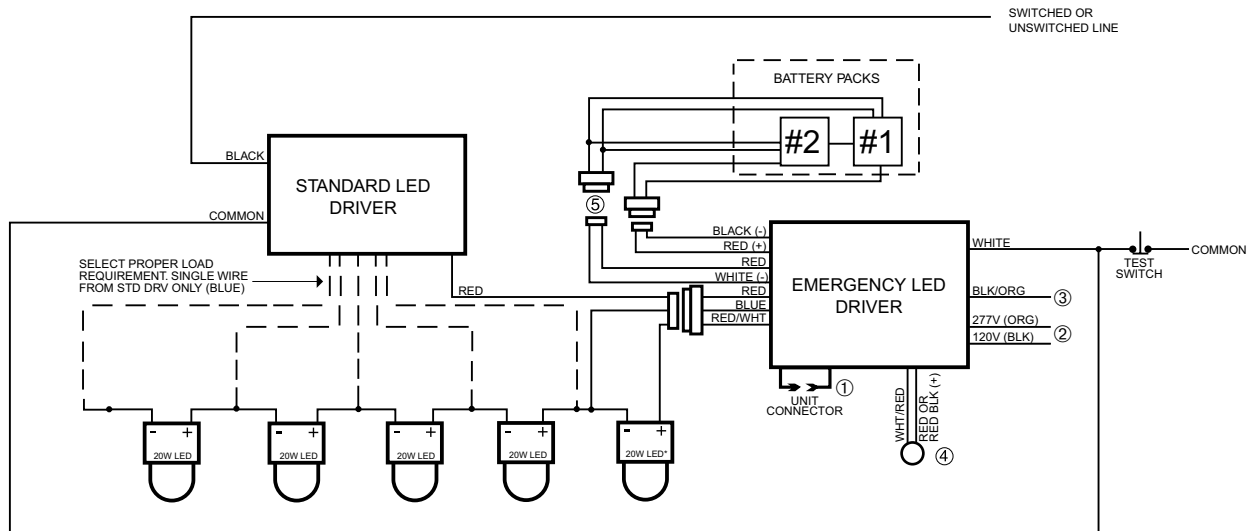
BATTERY DIMENSIONS



ILB-3020 SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard LED fixture equipped with an **ILB-3020** LED emergency battery pack. The **ILB-3020** shall consist of (1) or (2) high temperature, maintenance-free nickel cadmium battery packs, and a 9.5" x 2.0" x 1.0" vandal-resistant galvanized steel case containing a charger board and an electronic circuit. The unit is designed for installation within 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 24W at a rated current output of 750mA for a minimum of 90 minutes in the emergency mode. The **ILB-3020** shall have 5.5 watts of input power and a battery capacity of 24 watt hours. The **ILB-3020** is a UL Recognized Component and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements. The **ILB-3020** is warranted for a full five (5) years from the date of purchase.

ILB-3020 WIRING DIAGRAM



*EMERGENCY OPERATION

- ① DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
- ② SELECT PROPER VOLTAGE LEAD. CAP UNUSED LEAD.
- ③ BLK/ORG LEAD FOR COLD-WEATHER UNIT ONLY. FOR NON-COLD WEATHER UNITS, CAP BLK/ORG LEAD. FOR COLD-WEATHER UNIT 120V INSTALLATION, CONNECT BLK/ORG TO BLK. FOR COLD-WEATHER UNIT 277V INSTALLATION, CAP BLK/ORG AND BLK SEPARATELY.
- ④ TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.
- ⑤ OPTIONAL CONNECTOR FOR COLD-WEATHER HEATING BLANKET ONLY. FOR NON-COLD-WEATHER UNITS, LEAVE DISCONNECTED.