



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

LAMPS OPERATED*

Most 2'-8' single, bipin, T8 & T12, HO or VHO fluorescent lamps, incl. long compact

*Refer to Lumen Reference Chart for list of compatible lamps

DESCRIPTION:

The **I-48** from IOTA Engineering is a UL Listed fluorescent emergency ballast that allows the same fixture to be used for both normal and emergency operation. In the event of a power failure, the **I-48** switches to the emergency mode and operates **one or two** of the existing lamps for **90 minutes**. The unit contains a battery, charger, and inverter circuit in a single can, and can be mounted in the wireway or on top of the fixture. The **I-48** can be used with most **2'-8' T8** and **T12** lamps, with a total initial output of up to **700 lumens** for one or two lamps, and features lamp selector leads for optimizing light output for designated lamp types.

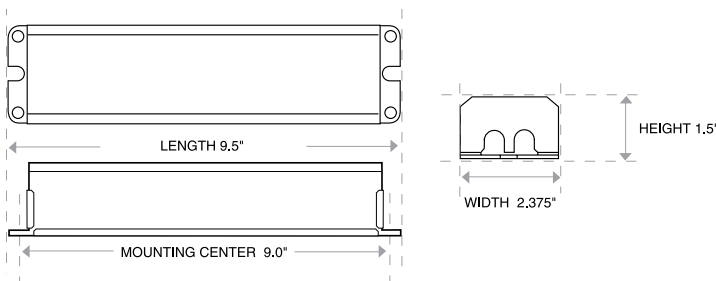
TECHNICAL SPECIFICATIONS

Input Voltage (Dual) 120/277V, 60Hz
 Input Wattage 3.5 Watts
 Lamps Operated Most 2'-8' single, bipin T8 thru T12 HO and VHO fluorescent lamps, including long compacts
 Emergency Operation* (1) 2'-8' or (2) 2'-4' 90 minutes
 *Long compact - (1) lamp only
 Initial Illumination (1) lamp up to 700 lumens
 (2) lamps 350 lumens each lamp
 Operating Temp 0° to 55° C
 Battery 24 Hour Recharge
 7-10 Year Life Expectancy
 Weight 2.4 lbs.
 Approval UL and CUL Listed



CASE DIMENSIONS

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



PRODUCT ADVANTAGES

Time Delay feature for compatibility with End-of-Lamp-Life circuitry

Open Circuit Isolation protects unit when load is absent

FEATURES

- Will cold start and operate all specified lamps
- 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.
- DL model suitable for use in enclosed and gasketed fixtures**
- Selectable lamp leads optimize light output for desired lamp type
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements
- International Voltage and Damp Location Models available



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I-48

FLUORESCENT EMERGENCY BALLAST

OPTIONS

CONFIGURATION

- TBTS (STANDARD)
- TWO-PIECE TEST SWITCH AND CHARGE INDICATOR
- TWO-PIECE WITH OEM 90° CONNECTOR

SPECIALTY

- DL - SUITABLE FOR USE IN DAMP LOCATIONS AND ENCLOSED AND GASKETED FIXTURES
- EM-A (REMOTE MOUNTING)

VOLTAGE RATINGS

- 120/277V 60HZ (STANDARD)
- 220V 50HZ
- 240V 60HZ
- 120V 50HZ

AVERAGE LUMEN RATINGS

LAMP	1 LAMP	2 LAMPS
F17 T8	450	650
F32 T8	700	675
8' T8 (FO96) (59W)	675	
F20 T12	390	650
F40 T12	660	650
8' T12 (F96T12) (60W)	650	
40W Long Compact	600	
50W Long Compact	625	
55W Long Compact	650	
20W Circline	390	
22W Circline T9	400	
22W Circline T5	425	
40W Circline T8	650	
40W Circline T5	650	
55W Circline T5	650	

REMOTE MOUNTING

When battery packs are remote mounted, the remote distance can not exceed $\frac{1}{2}$ of the distance from ballast to lamp specified by the A.C. ballast manufacturer. For example, if the A.C. ballast manufacturer recommends no more than 25' remote distance, then the battery pack should not exceed 12 $\frac{1}{2}$ '. The maximum allowable remote mounting distance is 50' from the lamp.