



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.

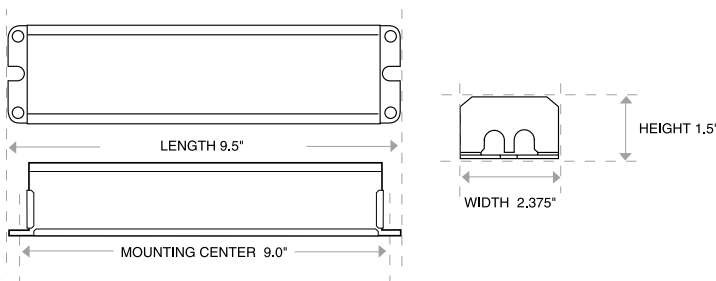
**TECHNICAL SPECIFICATIONS**

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

### VOLTAGE RATINGS

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

## AVERAGE LUMEN RATINGS

LAMP	1 LAMP	2 LAMPS
F17 T8	450	650
F28 T8	630	605
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, consult Customer Service for the maximum allowable distance between the battery pack and lamp(s).