



## 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. The I-48 is suitable for use in damp locations and enclosed and gasketed fixtures.

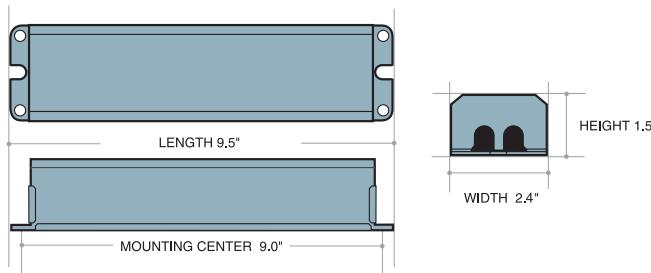
## SPECIFICATIONS

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 50° C
Battery .....	24 Hour Recharge 7-10 Year Life Expectancy
Weight .....	2.4 lbs.
Approval .....	UL and CUL Listed



## DIMENSIONS

9.5" x 2.4" x 1.5" (mounting center 9.0")



MODEL NO: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

## INITIAL LUMEN OUTPUT

700 Lumens

## LAMPS OPERATED\*



(1) 2-8 ft. Single, Bipin HO and VHO T8-T12 including long compacts      (2) 2-4 ft. Single, Bipin HO and VHO T8-T12

\*Refer to Lumen Reference Chart for list of compatible lamps

## 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.
- Rated for use in damp locations, plenum, and enclosed and gasketed fixtures
- Lamp selector leads optimize light output for desired lamp type
- Meets or exceeds all NEC, IBC, and Life Safety Code Emergency Lighting Requirements
- RoHS Compliant
- International Voltage Models available



## OPTIONS

## TEST KIT CONFIGURATION

- TBTS
- TWO-PIECE TEST SWITCH AND CHARGE INDICATOR

## VOLTAGE RATINGS

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

## INITIAL LUMEN RATINGS

LAMP	1 LAMP	2 LAMPS
F17 T8	450	650
F28 T8	630	600
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).