



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.

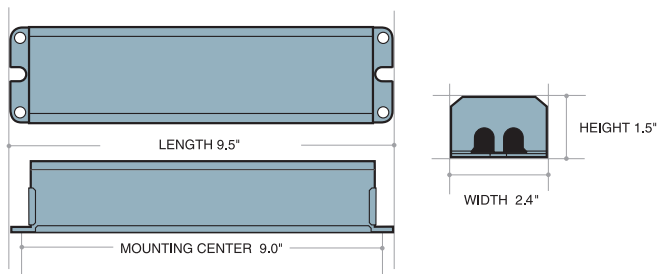
SPECIFICATIONS

| | |
|----------------------------|--|
| 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

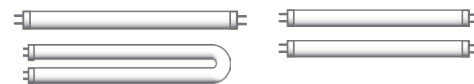
9.5" x 2.4" x 1.5" (mounting center 9.0")



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).