



MODEL NO: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 COMMENTS: \_\_\_\_\_

**LAMPS OPERATED\***

Most 2'-4' single, bipin, T8 thru T12 fluorescent lamps and 40W long compacts

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

**DESCRIPTION:**

The **I-40** 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-40** switches to the emergency mode and operates **one** of the existing lamps for **90 minutes**. The unit contains a battery, charger, and inverter circuit in a single can. The **I-40** can be used with most 2'-4' **T8** and **T12** lamps, with an initial output of up to **700 lumens** for one lamp, and can be mounted in the wireway or on top of the fixture.

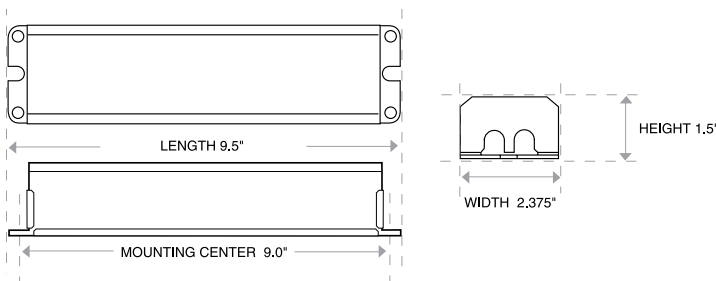
**TECHNICAL SPECIFICATIONS**

|                            |  |
|----------------------------|--|
| Input Voltage .....        | (Dual) 120/277V, 60Hz  |
| Input Wattage .....        | 3.5 Watts  |
| Lamps Operated.....        | Most 2'-4' single, bipin T8 thru T12 fluorescent lamps and 40W long compacts |
| Emergency Operation.....   | 90 minutes   |
| Initial Illumination ..... | (1) lamp up to 700 lumens  |
| Operating Temp .....       | 0° to 55° C  |
| Battery .....              | 24 Hour Recharge<br>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**

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-40

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 |
|------------------|--------|
| F17 T8           | 450    |
| F32 T8           | 700    |
| F20 T12          | 390    |
| F40 T12          | 660    |
| 40W Long Compact | 600    |
| 20W Circline     | 625    |
| 40W Circline     | 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.