



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

FLUORESCENT

LINEAR

SLIM PROFILE

COMPACT

SELF-DIAGNOSTICS

COLD WEATHER

SPECIALTY

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. The **I-40** 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'-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 50° C |
| Battery | 24 Hour Recharge 7-10 Year Life Expectancy |
| Weight | 2.4 lbs. |
| Approval | UL and CUL Listed |



INITIAL LUMEN OUTPUT

700 Lumens

LAMPS OPERATED*



[1] 2-4 ft. Single, Bipin T8-T12



[1] 40W Long Compact

*Refer to Lumen Reference Chart for list of compatible lamps

PRODUCT ADVANTAGES

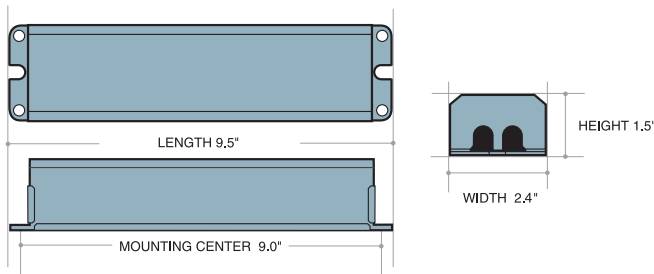
- **Time Delay feature for compatibility with End-of-Lamp-Life circuitry**
- **Open Circuit Isolation protects unit when load is absent**

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.
- Suitable for use in damp locations and enclosed and gasketed fixtures
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements
- International Voltage Models available

DIMENSIONS

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



I-40

FLUORESCENT EMERGENCY BALLAST

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 |
|------------------|--------|
| F17 T8 | 450 |
| F28 T8 | 630 |
| 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, consult Customer Service for the maximum allowable distance between the battery pack and lamp(s).