

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

INITIAL LUMEN OUTPUT
 650 Lumens

LAMPS OPERATED*



[1] 10W-42W 4-PIN Compact [2] 10W-18W 4-PIN Compact
 [1] 18W-36W Long Compact

*Refer to Lumen Reference Chart for list of compatible lamps

DESCRIPTION

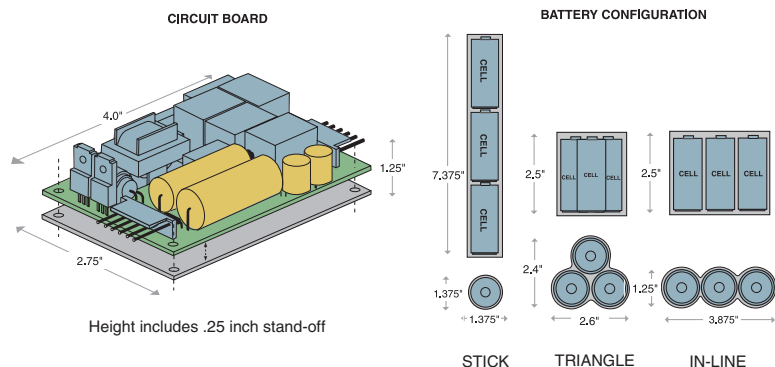
The **I-42-L** Compact Fluorescent Emergency Ballast Kit is designed to allow shallow or unusually shaped fixtures (such as wall packs, sconces, and recessed stair fixtures) to be configured for normal and emergency operation. The unit consists of an open circuit board assembly and battery pack, which is offered in three profile options. In the event of a power failure, the **I-42-L** switches to the emergency mode and operates **one or two** of the existing lamps for **90 minutes**. The **I-42-L** can be used with most 10W-42W twin, triple, quad tube, 2D and straight **4-pin** compact fluorescent lamps and 18W-36W long compacts, with a total initial output of up to **650 lumens** for one or two lamps. **The I-42-L utilizes AC output to ensure compatibility with new lamp technologies**, and features lamp selector leads for optimizing light output for designated lamp types. The **I-42-L** is a U.L. Recognized Component for factory installation only.

SPECIFICATIONS

| | |
|--------------------------------------|---|
| Input Voltage | (Dual) 120/277V, 60Hz |
| Input Wattage | 3.5 Watts |
| Lamps Operated | 10W-42W 4-pin Rapid Start Twin, Triple, Quad Tube, 2D & Straight Compact Lamps, and 18W-36W Long Compact Lamps |
| Emergency Operation* | (1) 10W-42W or (2) 10W-18W 90 minutes *Long Compact - (1) lamp only |
| Initial Illumination | 650 lumens (2) lamps 325 lumens each lamp |
| Operating Temp | 0° to 50° C |
| Battery | 24 Hour Recharge 7-10 Year Life Expectancy |
| Weight | 2.5 lbs. |
| UL Conditions of Acceptability | Must be factory wired Battery temperature must not exceed 50° C |



DIMENSIONS



FEATURES

- UL Recognized Component
- Will cold start and operate all specified lamps
- Long life high temperature recyclable Ni-Cad battery
- Includes one-piece TBTS test switch and charge indicator
- For use with switched or unswitched fixtures
- **5-Year Warranty.** See Warranty Page for details.
- 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



I-42-L

FLUORESCENT EMERGENCY BALLAST KIT FOR 4-PIN LAMPS

OPTIONS

TEST KIT CONFIGURATION

- TBTS

BATTERY CONFIGURATION

- STICK
- TRIANGLE
- IN-LINE

VOLTAGE RATINGS

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

INITIAL LUMEN RATINGS

| LAMP | 1 LAMP | 2 LAMPS |
|----------------------|--------|---------|
| 13W PL CF 4-PIN | 350 | 400 |
| 18W PL CF QUAD 4-PIN | 350 | 550 |
| 26W PL CF QUAD 4-PIN | 425 | |
| 32W PL CF QUAD 4-PIN | 600 | |
| 42W PL CF QUAD 4-PIN | 750 | |
| F282 D/42 4-PIN | 475 | 500 |
| F382 D/42 4-PIN | 500 | 650 |
| 18W LONG COMPACT | 500 | |
| 24W LONG COMPACT | 575 | |
| 36W LONG COMPACT | 650 | |

I-42-L SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an **IOTA I-42-L** fluorescent emergency battery kit. The **I-42-L** shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit installed within the designated fixture. A combination one-piece long-life LED charge indicator light and test switch shall be included. The fluorescent EM kit shall operate one 10w-42w or two 10w-18w twin, triple, quad tube, 2D or straight **4-pin** fluorescent lamps, or one 18w-36w long compact fluorescent lamp. The **I-42-L** shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 650 lumens. **The I-42-L will operate the lamp(s) with AC output** and will feature lamp selector leads for optimizing light output for the designated lamp type. The **I-42-L** shall have 3.5 watts of input power and a battery capacity of 14.4 watt hours. The **I-42-L** is a UL Recognized Component and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements. The **I-42-L** is warranted for a full five (5) years from the date of purchase.