

FOR 2-PIN COMPACT LAMPS



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

**LAMPS OPERATED\***

7, 9 & 13 Watt Twin Tube 2-PIN with integral starter  
 9-13W USA Quad 2-PIN with integral starter

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

**DESCRIPTION:**

The **I-13-EM-J** 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-13-EM-J** 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-13-EM-J** can be used with most 7, 9, & 13 watt **2-pin** twin tube compact fluorescent lamps, with an initial output of up to **650 lumens** for one lamp. The **I-13-EM-J** is designed for installation on the fixture junction box and provides  $\frac{3}{8}$ " flex for wiring to the test accessories. The test switch and charge indicator are provided for installation within a standard switch box for mounting adjacent to the fixture.

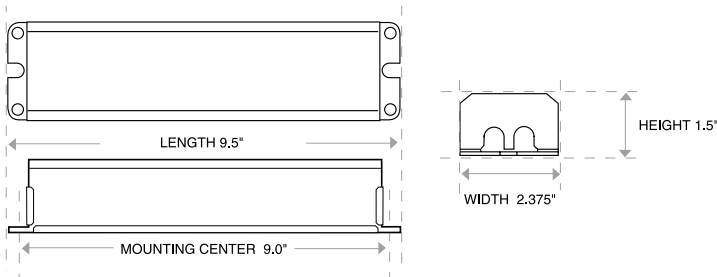
**TECHNICAL SPECIFICATIONS**

Input Voltage..... (Dual) 120/277V, 60Hz  
 Input Wattage ..... 3.5 Watts  
 Lamps Operated..... 7, 9 & 13 Watt Twin Tube 2-pin with integral starter  
 9W-13W USA quad 2-pin with integral starter  
 Emergency Operation ..... 90 minutes  
 Initial Illumination ..... 650 lumens  
 Operating Temp ..... 0° to 55° C  
 Battery ..... 24 Hour Recharge  
 7-10 Year Life Expectancy  
 Weight ..... 3.4 lbs.  
 Approval ..... UL and CUL Listed



**CASE DIMENSIONS**

9.5" x 2.375" x 1.5" (mounting center 9.0")



**PRODUCT ADVANTAGES**

Single Flex Design

**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.
- 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-13-EM-J

FLUORESCENT EMERGENCY BALLAST

## OPTIONS

### CONFIGURATION

TWO-PIECE TEST SWITCH AND CHARGE INDICATOR

### SPECIALTY

DL - DAMP LOCATION

### VOLTAGE RATINGS

120/277V 60HZ (STANDARD)

220V 50HZ

240V 60HZ

120V 50HZ

## AVERAGE LUMEN RATINGS

LAMP	1 LAMP
7W PL CF 2-pin	350
9W PL CF 2-pin	500
13W PL CF 2-pin	650

## REMOTE MOUNTING

When battery packs are remote mounted, consult Customer Service for the maximum allowable distance between the battery pack and lamp(s).