

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-A** 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-A** 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-A** 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-A** provides  $\frac{3}{8}$ " flex for wiring to the fixture or ballast compartment and test accessories.

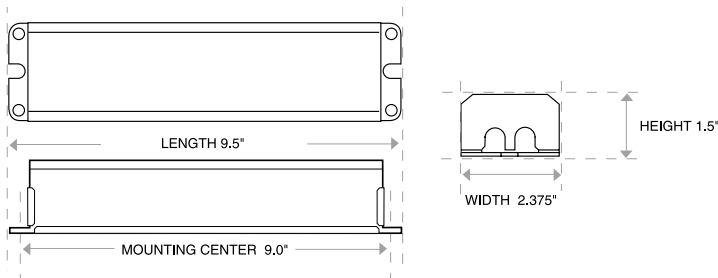
**TECHNICAL SPECIFICATIONS**

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 .....	4.4 lbs.
Approval .....	UL and CUL Listed



**CASE DIMENSIONS**

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



**PRODUCT ADVANTAGES**

**Dual flex model**

**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-A

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).