

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.

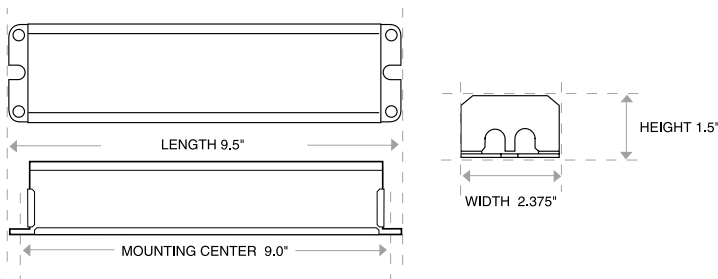
TECHNICAL SPECIFICATIONS

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



P.O. BOX 11846 TUCSON, AZ 85734
 (520) 294-3292 • FAX (520) 741-2837
www.iotaengineering.com

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, 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.