

**REDUCED PROFILE FLUORESCENT EMERGENCY BALLAST**



**DESCRIPTION:**

The I-32 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-32 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-32 can be used with most **2'-4' T8 thru T12** lamps and **28W T5** lamps, with an initial output of up to **500 lumens** for one lamp, and features lamp selector leads for optimizing light output for designated lamp types. The unit can be mounted in the wireway or on top of the fixture. The I-32 delivers high performance in a slim design, and is ideal for use in fixtures where ballast compartment space is limited.

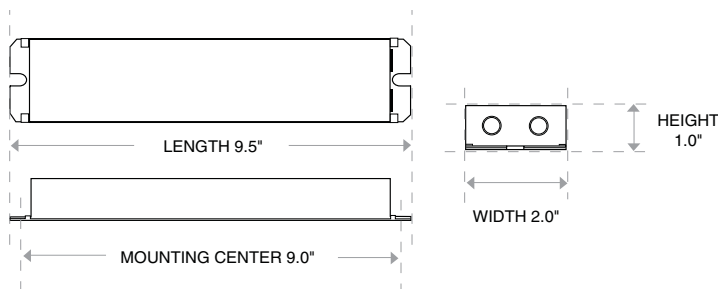
**TECHNICAL SPECIFICATIONS**

Input Voltage .....	(Dual) 120/277V, 60Hz
Input Wattage .....	2.5 Watts
Lamps Operated.....	Most 2'-4' single, bipin T8 thru T12 and 28W T5 fluorescent lamps
Emergency Operation.....	90 minutes
Initial Illumination.....	(1) lamp up to 500 lumens
Operating Temp .....	0° to 55° C
Battery .....	24 Hour Recharge 7-10 Year Life Expectancy
Weight .....	1.5 lbs.
Approval .....	UL and CUL Listed



**CASE DIMENSIONS**

9.5" x 2.0" x 1.0" (mounting center: 9.0")



**LAMPS OPERATED\***

**Most 2'-4' single, bipin, T8 thru T12 and 28W T5 fluorescent lamps**

\*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**

**Reduced Profile design is ideal for smaller ballast compartments**

**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.

Selectable lamp leads optimize light output for desired lamp type

Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements

International Voltage Models available

# I-32

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## OPTIONS

### CONFIGURATION

- TBTS (STANDARD)
- TWO-PIECE TEST SWITCH AND CHARGE INDICATOR
- TWO-PIECE WITH OEM 90° CONNECTOR

### VOLTAGE RATINGS

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

## AVERAGE LUMEN RATINGS

LAMP	1 LAMP
F17 T8	450
F28 T8	460
F32 T8	475
28W T5	500
F15 T12	375
F20 T12	425
F40 T12	450
40W Long Compact	450
40W Circline	450

## REMOTE MOUNTING

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