

PARALLEL OPERATION EMERGENCY BALLAST
COMPATIBLE WITH 4-PIN
LOW-MERCURY CONTENT AMALGAM LAMPS



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

LAMPS OPERATED

Most 26W-57W 4-Pin Compact Lamps and
 2'-4' T5 Lamps up to 80W

DESCRIPTION:

The **I-462** 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-462** switches to the emergency mode and operates **two** of the existing lamps **in parallel for 90 minutes**. In the event that one of the lamps is inoperable, the **I-462** will still operate the remaining lamp in the emergency mode. The unit contains a battery, charger, and inverter circuit in a single can and is provided with 2 feet of 3/8" flex for wiring to the fixture. The unit is designed for installation next to or on top of the fixture. The **I-462** can be used with most **26W-57W 4-pin** compact lamps and **2'-4' T5 up to 80W** with an initial output of up to **3000 lumens** for two lamps. **The I-462 utilizes AC output to ensure compatibility with new lamp technologies.** The **I-462** is compatible with **all** electronic or magnetic, series or parallel output, multi-lamp ballasts.

TECHNICAL SPECIFICATIONS

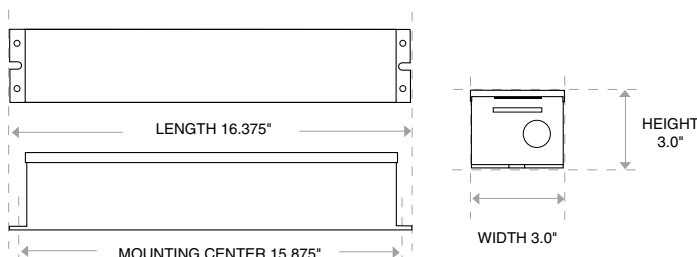
Input Voltage..... (Dual) 120/277V, 60Hz
 Input Wattage 4.5 Watts
 Lamps Operated.....Most 26W-57W **4-Pin** compact lamps
 and 2'-4' T5 lamps up to 80W
 Emergency Operation (2) 26W-57W 4-Pin or (2) 2'-4' T5
 90 minutes
 Initial Illumination*(2) lamps 3000 lumens
 (1500 lumens each lamp)
 Operating Temp0° to 50° C
 Battery 24 Hour Recharge
 7-10 Year Life Expectancy
 Weight 9.75 lbs.
 Approval UL and CUL Listed



*Initial Illumination is 2000 lumens when one lamp is inoperable

CASE DIMENSIONS

16.375" x 3.0" x 3.0" (mounting center 15.875")



PRODUCT ADVANTAGES

3000 Lumen Output

Parallel Lamp Operation

AC output for compatibility with Low-Mercury Content Amalgam lamps

Time Delay feature for compatibility with End-of-Lamp-Life circuitry

Open Circuit Isolation protects unit when load is absent

FEATURES

- Will cold start and operate all specified lamps
- Long life high temperature recyclable Ni-Cad battery
- Painted 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-462

PARALLEL OPERATION EMERGENCY BALLAST

OPTIONS

CONFIGURATION

TWO-PIECE TEST SWITCH AND CHARGE INDICATOR

ACCESSORIES

RTK - REMOTE TEST KIT (MAY BE REQUIRED FOR DOWNLIGHT OR OTHER APPLICATIONS)

SPECIALTY

DL (DAMP LOCATION)

VOLTAGE RATINGS

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

I-462 SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an **IOTA I-462** fluorescent emergency battery pack. The **I-462** shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a 16.375" x 3.0" x 3.0" vandal-resistant painted steel case for installation either adjacent to or on top of the fixture. A long-life LED charge indicator light and test switch shall be included. The fluorescent EM pack shall operate **two** 26W-57W 4-pin compact fluorescent lamps or **two** 2'-4' T5 fluorescent lamps up to 80W, in **PARALLEL OPERATION**. The **I-462** shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 3000 lumens. Should one lamp become inoperable, the remaining lamp shall operate at a minimum initial output of 2000 lumens and **will operate the lamp(s) with AC output**. The **I-462** shall have 4.5 watts of input power and a battery capacity of 57.6 watt hours. The **I-462** is UL Listed and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements. The **I-462** is warranted for a full five (5) years from the date of purchase.

PARALLEL LAMP SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with a fluorescent emergency battery pack. The EM pack shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a painted steel case for installation either adjacent to or on top of the fixture. A long-life LED charge indicator light and test switch shall be included. The fluorescent EM pack shall operate **two** 26W-57W 4-pin compact fluorescent lamps or **two** 2'-4' T5 fluorescent lamps up to 80W, in **PARALLEL OPERATION**. The EM pack shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 3000 lumens. Should one lamp become inoperable, the remaining lamp shall operate at a minimum initial output of 2000 lumens. The unit shall have 4.5 watts of input power and a battery capacity of 57.6 watt hours. The EM pack must be UL Listed and meet or exceed all NEC and Life Safety Code Emergency Lighting Requirements. All product shall be warranted for a full five (5) years from the date of purchase.

REMOTE MOUNTING

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