



MODEL NO: _____

TYPE: _____

PROJECT: _____

COMMENTS: _____

LAMPS OPERATED

Most 18W-70W 4-Pin compact lamps,
36W-55W long compact lamps, and
2'-4' T5 fluorescent lamps

DESCRIPTION:

The **I-460** 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-460** switches to the emergency mode and operates **one or two** of the existing lamps for **90 minutes**. 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-460** can be used with most **4-pin** compact lamps and **2'-4'** T5 lamps, with an initial output of up to **2500 lumens** for one or two lamps. **The I-460 utilizes AC output to ensure compatibility with new lamp technologies**, and features lamp selector leads for optimizing light output for designated lamp types. The **I-460** is suitable for use in damp locations.

TECHNICAL SPECIFICATIONS

Input Voltage..... (Dual) 120/277V, 60Hz

Input Wattage 4.5 Watts

Lamps Operated.....Most 18W-70W **4-Pin** Compact Lamps,
36W-55W Long Compact or 14W-95W 2'-4' T5 Lamps.Emergency Operation* (1) 18W-70W or (2) 18W-26W 4-Pin Compact
(1) 14W-95W or (2) 14W-24W 2'-4' T5 Lamps
90 minutes

*Long compact - (1) lamp only

Initial Illumination..... (1) lamp 2500 lumens
(2) lamps 1250 lumens each lamp

Operating Temp 0° to 50° C

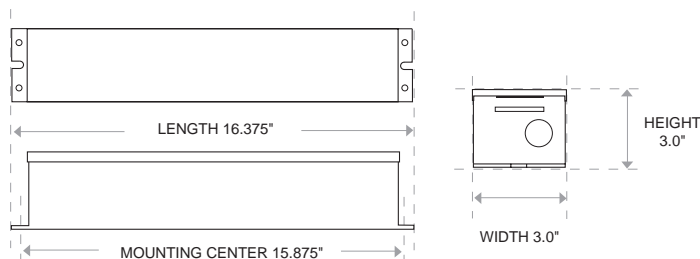
Battery 24 Hour Recharge
7-10 Year Life Expectancy

Weight 9.75 lbs.

Approval UL and CUL 924 Listed

**CASE DIMENSIONS**

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

**PRODUCT ADVANTAGES****2500 Lumen Output**

**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.

Suitable for use in damp locations.

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-460

FLUORESCENT EMERGENCY BALLAST

OPTIONS

CONFIGURATION

☒ TWO-PIECE TEST SWITCH AND CHARGE INDICATOR

ACCESSORIES

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

VOLTAGE RATINGS

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

AVERAGE LUMEN RATINGS		
LAMP	1 LAMP	2 LAMPS
18W 4-Pin	1880	2450
26W 4-Pin	2110	2510
32W 4-Pin	2410	
42W 4-Pin	2290	
57W 4-Pin	2570	
70W 4-Pin	2670	
F14 T5	1310	2400
F24 T5	1350	2540
F28 T5	2350	
F35 T5	2590	
F39 T5	2070	
F54 T5	2470	
F80 T5	2320	
F95 T5	2670	
F17 T8	1780	1590
F32 T8	2120	
F31 T8 U-BEND	2120	
F96 T8	2340	
F20 T12	1740	2650
F34 T12	2130	
F40 T12	1880	
30W LONG COMPACT	2410	
36W LONG COMPACT	2700	
39W LONG COMPACT	2700	
40W LONG COMPACT	2380	
50W LONG COMPACT	2360	
55W LONG COMPACT	2210	

REMOTE MOUNTING

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

I-460 SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an **IOTA I-460** fluorescent emergency battery pack. The **I-460** 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 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 one 18W-70W 4-pin compact, one 36W-55W long compact, or one 14W-95W 2'-4' T5 fluorescent lamp or two 18W-26W 4-pin compact or two 14W-24W 2'-4' T5 fluorescent lamps. The **I-460** shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 2500 lumens. **The I-460 will operate the lamp(s) with AC output** and will feature selectable lamp leads for optimizing light output for the designated lamp type. The **I-460** shall have 4.5 watts of input power and a battery capacity of 57.6 watt hours. The **I-460** is UL Listed and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements, and rated for use in damp locations. The **I-460** is warranted for a full five (5) years from the date of purchase.

2500 LUMEN SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an integral 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 one 18W-70W 4-pin compact, one 36W-55W long compact, or one 14W-95W 2'-4' T5 fluorescent lamp or two 18W-26W 4-pin compact or two 14W-24W 2'-4' T5 fluorescent lamps. The EM pack shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of **2500 lumens**, and will feature selectable lamp leads for optimizing light output for the designated lamp type. 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, and rated for use in damp locations. All product shall be warranted for a full five (5) years from the date of purchase.