



## DESCRIPTION

The **I-880** 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-880** 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 can be mounted in the wireway or on top of the fixture. The **I-880** can be used with most **2'-8'** lamps, with an initial output of up to **2000 lumens** for one or two lamps, and features lamp selector leads for optimizing light output for designated lamp types.

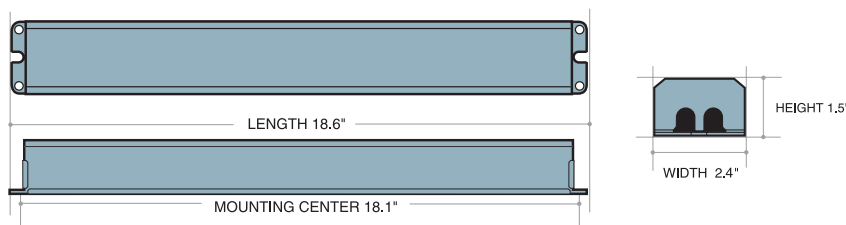
## SPECIFICATIONS

Input Voltage .....	(Dual) 120/277V, 60Hz
Input Wattage .....	4.5 Watts
Lamps Operated .....	Most 2'-8' single, bipin T8 thru T12, HO and VHO fluorescent lamps, incl. long compact and 2'-4' 28W & 54W T5 HO or VHO lamps
Emergency Operation* .....	(1) 2'-8' or (2) 2'-4' 90 minutes *Long Compact and T5 - (1) lamp only
Initial Illumination .....	(1) lamp 2000 lumens (2) lamps 1000 lumens each lamp
Operating Temp .....	0° to 50° C
Battery .....	24 Hour Recharge 7-10 Year Life Expectancy
Weight .....	4.4 lbs.
Approval .....	UL and CUL Listed



## DIMENSIONS

18.6" x 2.4" x 1.5" (mounting center 18.1")

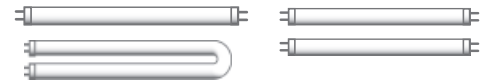


MODEL NO: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 COMMENTS: \_\_\_\_\_

## INITIAL LUMEN OUTPUT

2000 Lumens

## LAMPS OPERATED\*



(1) 2-8 ft. Single, Bipin  
HO and VHO T8-T12  
including long compacts  
(1) 2-4 ft. 28W & 54W T5

(2) 2-4 ft. Single, Bipin  
HO and VHO T8-T12

\*Refer to Lumen Reference Chart for list of compatible lamps

## PRODUCT ADVANTAGES

- **2000 lumen output in an integral can profile**
- **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
- 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.
- Lamp selector 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-880

FLUORESCENT EMERGENCY BALLAST

## OPTIONS

### TEST KIT CONFIGURATION

- TBTS
- TWO-PIECE TEST SWITCH AND CHARGE INDICATOR

### VOLTAGE RATINGS

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

## INITIAL LUMEN RATINGS

LAMP	1 LAMP	2 LAMPS
F28 T8	1800	1665
F32 T8	2000	1850
F96 T8	1650	
F40 T12/ES	1600	1575
F96 T12	1575	
28W T5	1450	
54W HO T5	1600	
57W Compact	1600	
70W Compact	1680	
40W Long Compact	1500	
50W Long Compact	1525	
55W Long Compact	1600	

## REMOTE MOUNTING

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

## I-880 SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an **IOTA I-880** fluorescent emergency battery pack. The **I-880** shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a 18.6" x 2.4" x 1.5" vandal-resistant galvanized steel case for installation either inside the wireway or on top of the fixture. A combination one piece long-life LED charge indicator light and test switch shall be included. The fluorescent EM pack shall operate one 20w-75w (2'-8'), 28W or 54W T5, or 40w-55w long compact or two 20w-40w (2'-4') T8 - T12 fluorescent lamps. The **I-880** shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 2000 lumens, and will feature lamp selector leads for optimizing light output for the designated lamp type. The **I-880** shall have 4.5 watts of input power and a battery capacity of 33.6 watt hours. The **I-880** is UL Listed and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements. The **I-880** is warranted for a full five (5) years from the date of purchase.

## 2000 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 galvanized steel case for installation either inside the wireway 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 20w-75w (2'-8'), 28W or 54W T5, or 40w-55w long compact or two 20w-40w (2'-4') T8 - T12 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 **2000 lumens**, and will feature lamp selector 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 33.6 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.