



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

**LAMPS OPERATED\***

Most 2'-4'  
 T5 up to 28W or T8 linear lamps

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

**DESCRIPTION:**

The **ISL-28** 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 **ISL-28** 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 **ISL-28** operates **T5 up to 28W** and **T8** lamps at an initial output of up to **500 lumens** for one lamp. The **ISL-28** delivers high performance in a slim design, and is ideal for use in linear lighting fixtures where ballast compartment space is limited. The **ISL-28** is suitable for use in damp locations.

**TECHNICAL SPECIFICATIONS**

Input Voltage ..... (Dual) 120/277V, 60Hz  
 Input Wattage ..... 2.5 Watts  
 Lamps Operated..... Most 2'-4' 28W T5  
 & T8 linear fluorescent lamps  
 Emergency Operation.....90 minutes  
 Initial Illumination..... (1) lamp up to 500 lumens  
 Operating Temp .....0° to 50° C  
 Battery .....24 Hour Recharge  
 7-10 Year Life Expectancy  
 Weight ..... 2.0 lbs.  
 Approval ..... UL and CUL Listed



**CASE DIMENSIONS**

14.2" x 1.18" x 1.15" (mounting center 13.7")



**PRODUCT ADVANTAGES**

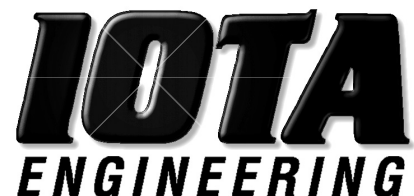
**Time Delay feature for compatibility with End-of-Lamp-Life circuitry**

**Open Circuit Isolation protects unit when load is absent**

**Slim 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.
- 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



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# ISL-28

FLUORESCENT EMERGENCY BALLAST

## OPTIONS

### CONFIGURATION

- TBTS (STANDARD)
- TWO-PIECE TEST SWITCH AND CHARGE INDICATOR

### VOLTAGE RATINGS

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

## AVERAGE LUMEN RATINGS

LAMP	1 LAMP
14W T5	375
21W T5	425
24W T5	500
28W T5	500
F17 T8	320
F25 T8	360
F28 T8	380
F32 T8	425

## REMOTE MOUNTING

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