



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.

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 Temp0° to 55° C
 Battery24 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.
- 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 and Damp Location Models available



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ISL-28

FLUORESCENT EMERGENCY BALLAST

OPTIONS

CONFIGURATION

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

SPECIALTY

- DL (DAMP LOCATION)

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
F32 T8	425

REMOTE MOUNTING

When battery packs are remote mounted, the remote distance can not exceed $\frac{1}{2}$ of the distance from ballast to lamp specified by the A.C. ballast manufacturer. For example, if the A.C. ballast manufacturer recommends no more than 25' remote distance, then the battery pack should not exceed 12' $\frac{1}{2}$ '. The maximum allowable remote mounting distance is 50' from the lamp.