

**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 Temp	0° to 55° 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")

**LAMPS OPERATED***

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

*Refer to Lumen Reference Chart for list of compatible lamps

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

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
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).