



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 lamps 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 and in enclosed and gasketed fixtures.

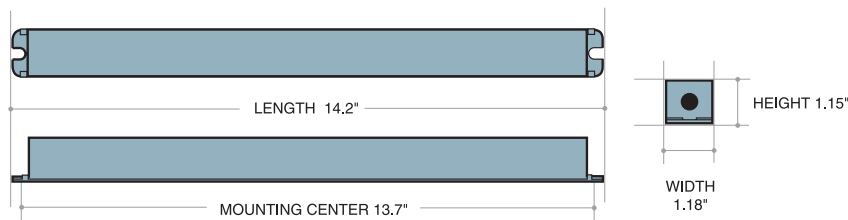
SPECIFICATIONS

Input Voltage	(Dual) 120/277V, 60Hz
Input Wattage	2.5 Watts
Lamps Operated	Most 2'-4' 28W T5 and 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



DIMENSIONS

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



INITIAL LUMEN OUTPUT

500 Lumens

LAMPS OPERATED*



[1] 2-4 ft. T5 Lamp up to 28W

*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
- Rated for use in damp locations, plenum, and enclosed and gasketed fixtures
- **5-Year Warranty.** See Warranty Page for details.
- Lamp selector leads optimize light output for desired lamp type
- Meets or exceeds all NEC, IBC, and Life Safety Code Emergency Lighting Requirements
- RoHS Compliant
- International Voltage Models available



ISL-28

SLIM PROFILE 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
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).