

LINEAR FLUORESCENT

ISL-28

FLUORESCENT EMERGENCY BALLAST



LUMEN OUTPUT	
	(1) Lamp - 500 Lumens
LAMPS OPERATED	
	Most 2'-4' T5 up to 28W or T8 linear lamps
EMERGENCY OPERATION	
	90 Minutes

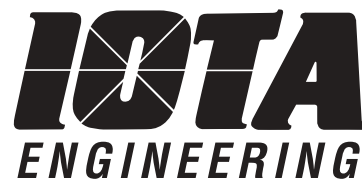
The **ISL-28** from IOTA Engineering is a UL Listed fluorescent emergency ballast that allows the same fixture to be used for both normal and emergency operation. In the event of a power failure, the **ISL-28** switches to the emergency mode and operates **one** of the existing lamps for **90 minutes**. 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.

CASE DIMENSIONS	TECHNICAL SPECIFICATIONS
	<p>Input Voltage 120/277V, 60Hz</p> <p>Input Wattage 2.5 Watts</p> <p>Lamps Operated Most 2'-4' 28W T5 & T8 linear lamps</p> <p>Emergency Operation 90 minutes</p> <p>Initial Illumination (1) lamp up to 500 lumens</p> <p>Operating Temp 0° to 55° C</p> <p>Approval U.L. and C.U.L. Listed</p> <p>Weight 2.0 lbs.</p>

- U.L. and C.U.L. Listed**
- Will cold start and operate all specified lamps**
- Long life high temperature recyclable Ni-Cad battery**
- Galvanized steel case**
- Slim design fits in smaller ballast compartments**
- 90 minute emergency operation**
- Includes test switch and charge indicator accessory kit**
- 5-Year Warranty. See Warranty Page for details.**

- Time delay enhancement**
- Open circuit isolation**
- Selectable lamp leads for optimizing light output for desired lamp types**
- Dual voltage 120/277V, 60Hz**
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements**
- International Voltage and Damp Location Models available**

MODEL NO: ISL-28	TYPE:
PROJECT:	
COMMENTS:	



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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 Pentron	375
21W T5 Pentron	425
24W T5 Pentron	500
28W T5 Pentron	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.