



MODEL NO: _____
 TYPE: _____
 PROJECT: _____
 COMMENTS: _____

INITIAL LUMEN OUTPUT
 1300 Lumens

LAMPS OPERATED*



[1] 2-4 ft. 35W T5

DESCRIPTION

The **ISL-540-35W** 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-540-35W** 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-540-35W** will operate one 35W T5 fluorescent lamp at an initial output of up to **1300 lumens** for one lamp. The **ISL-540-35W** utilizes **AC output to ensure compatibility with new lamp technologies**. The **ISL-540-35W** delivers high performance in a slim design and is ideal for use in linear lighting fixtures where ballast compartment space is limited. The **ISL-540-35W** is suitable for use in damp locations.

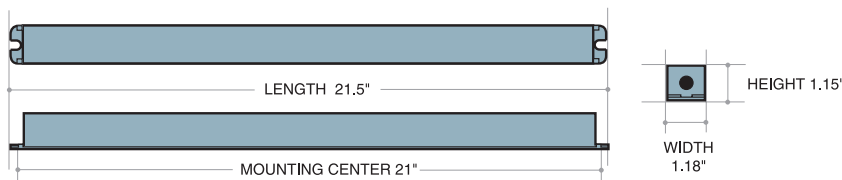
SPECIFICATIONS

| | |
|----------------------------|---|
| Input Voltage | (Dual) 120/277V, 60Hz |
| Input Wattage | 3.5 Watts |
| Lamps Operated | 35W T5 fluorescent lamps |
| Emergency Operation | 90 minutes |
| Initial Illumination | (1) lamp up to 1300 lumens |
| Operating Temp | 0° to 50° C |
| Battery | 24 Hour Recharge 7-10 Year Life Expectancy |
| Weight | 3.0 lbs. |
| Approval | UL and CUL Listed |



DIMENSIONS

21.5" x 1.18" x 1.15" (mounting center 21.0")



PRODUCT ADVANTAGES

- **Time Delay feature for compatibility with End-of-Lamp-Life circuitry**
- **Open Circuit Isolation protects unit when load is absent**
- **AC output for compatibility with Low-Mercury Content Amalgam lamps**
- **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
- Suitable for use in damp locations
- **5-Year Warranty.** See Warranty Page for details.
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements
- International Voltage Models available



ISL-540-35W

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 |
|--------|--------|
| 35W T5 | 1300 |

ISL-540-35W SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an **IOTA ISL-540-35W** fluorescent emergency battery pack. The **ISL-540-35W** shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a 21.5" x 1.18" x 1.15" vandal-resistant steel case for installation either inside the wireway or on top of the fixture. A combination one piece long-life LED charge indicator light and test switch shall be included. The fluorescent EM pack shall operate one (2'-4') 35W T5 fluorescent lamp. The **ISL-540-35W** shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 1300 lumens, and **will operate the lamp with AC output**. The **ISL-540-35W** shall have 3.5 watts of input power and a battery capacity of 24 watt hours. The **ISL-540-35W** is UL Listed and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements, and rated for use in damp locations. The **ISL-540-35W** is warranted for a full five (5) years from the date of purchase.

REMOTE MOUNTING

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