

FEATURES
REDUCED PROFILE
FOR SHALLOW COMPARTMENTS



AC OUTPUT



MODEL NO: _____

TYPE: _____

PROJECT: _____

COMMENTS: _____

INITIAL LUMEN OUTPUT

1350 Lumens

LAMPS OPERATED*



(1) 2-4 ft. Bipin HO and VHO T8
(1) 2-4 ft. 14W-54W T5



Select LED Retrofit Tubes

*Refer to Lumen Reference Chart and LED Retrofit Reference Chart for list of compatible lamps.

DESCRIPTION

The **I320** 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 **I320** 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, and can be mounted in the wireway or on top of the fixture. The **I320** can be used with most **2′-4′ T8** lamps and **2′-4′ 14W to 54W T5** lamps with an initial output of up to **1350 lumens** for one lamp. **The I320 utilizes AC output to ensure compatibility with new lamp technologies**, and features lamp selector leads for optimizing light output for the designated lamp type. The **I320** is suitable for use in damp locations and in enclosed and gasketed fixtures. The **I320** delivers high performance in a reduced-height design, and is ideal for use in fixtures where ballast compartment space is limited.

SPECIFICATIONS

Input Voltage	(Dual) 120/277V, 60Hz
Input Wattage	3.5 Watts
Lamps Operated	Most 2′-4′ single, bipin T8 HO and VHO and 2′-4′ 14W to 54W T5 fluorescent lamps
Emergency Operation*	(1) 2′-4′ 90 minutes
Initial Illumination	(1) lamp up to 1350 lumens
Operating Temp	0° to 50° C
Battery	24 Hour Recharge 7-10 Year Life Expectancy
Weight	2.5 lbs.
Approval	UL and CUL Listed

PRODUCT ADVANTAGES

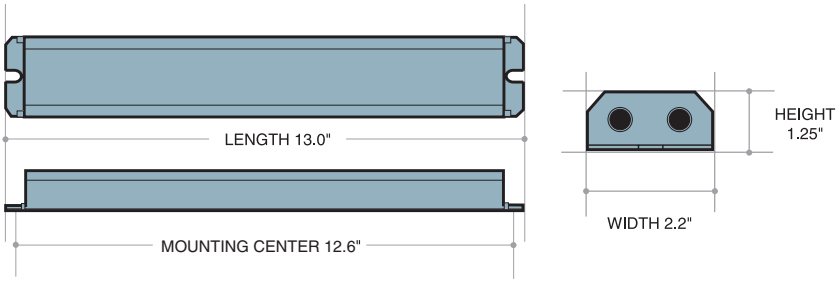
- **Reduced Profile design is ideal for smaller ballast compartments**
- **AC Output for compatibility with low mercury content amalgam lamps**
- **Time Delay feature for compatibility with End-of-Lamp-Life circuitry**
- **Open Circuit Isolation protects unit when load is absent**

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**
- 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

DIMENSIONS

13.0″ x 2.2″ x 1.25″ (mounting center 12.6″)



FLUORESCENT

LINEAR

IOTA
POWERING YOUR WAY ®

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I320
REDUCED PROFILE FLUORESCENT EMERGENCY BALLAST

CONFIGURATION

Test Switch

I320 **TBTS** **Example Model:** I320 TBTS

I320 SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an **IOTA I320** fluorescent emergency battery pack. The **I320** shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a 13.0″ x 2.2″ x 1.25″ vandal-resistant steel case for installation in 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 14w-54w T5 (2′-4′), or 20w-32w (2′-4′) T8 fluorescent lamps. The **I320** shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 1350 lumens. **The I320 will operate the lamp with AC output** and will feature lamp selector leads for optimizing light output for the designated lamp type. The **I320** shall have 3.5 watts of input power and a battery capacity of 24 watt hours. The **I320** is UL Listed and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements, and rated for use in damp locations and in enclosed and gasketed fixtures. The **I320** is warranted for a full five (5) years from the date of purchase.

1350 LUMEN SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an integral fluorescent emergency battery pack. The EM pack shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a steel case for installation either inside the wireway or on top of the fixture. A long-life LED charge indicator light and test switch shall be included. The fluorescent EM pack shall operate one 14w-54w T5 (2′-4′) or 20w-32w (2′-4′) T8 fluorescent lamps. The EM pack shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 1350 lumens. The fluorescent EM pack will operate the lamp with AC output and will feature lamp selector leads for optimizing light output for the designated lamp type. The unit shall have 3.5 watts of input power and a battery capacity of 24 watt hours. The EM pack must be UL Listed and meet or exceed all NEC and Life Safety Code Emergency Lighting Requirements, and rated for use in damp locations and in enclosed and gasketed fixtures. All product shall be 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).

Warranty: 5-Year Limited Warranty
Complete warranty terms located at *www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx*

INITIAL LUMEN RATINGS

LAMP	1 LAMP
F17 T8	1125
F25 T8	1200
F28 T8	1215
F32 T8	1350
14W T5	850
21W T5	1150
24W T5	925
28W T5	1050
39W T5	1100
54W T5	1150
13W PL CF 4-Pin	935
18W PL CF Quad 4-Pin	955
26W PL CF Quad 4-Pin	1110
32W PL CF Quad 4-Pin	1070
42W PL CF Quad 4-Pin	1160

LED Retrofit Tube Options

This IOTA Emergency Ballast is UL Listed for emergency operation of select LED retrofit tube applications. For a complete list of acceptable LED retrofit tube options, refer to the **IOTA LED Retrofit Tube Reference Chart** at www.iotaengineering.com/IOTA-LED-Retrofit.pdf

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