






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

INITIAL LUMEN OUTPUT

1450 Lumens

LAMPS OPERATED*

-  (1 or 2) 2-4 ft. Bipin HO T8
-  (1 or 2) 32W T8 U-Bend
-  (1) 2-4 ft. 14W-54W T5
-  (1) 8 ft. Bipin HO T8
-  (1) 4-Pin 13W-42W Compact

PRODUCT ADVANTAGES

- **Reduced Profile design is ideal for smaller ballast compartments**
- **Plug and Port Connector System for easy end-of-life replacement with no wiring**
- **Direct fit and function replacement for PS1400QD emergency ballast**

DESCRIPTION

The IOTA **P320** 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 **P320** switches power from the normal AC ballast and operates **one or two** of the existing lamps for up to **90 minutes** in the emergency mode from the **P320** battery supply. The unit contains a battery, charger, and inverter circuit in a single enclosure for installation within the wireway or on top of the fixture (RME1 accessory required for top mounting.) The **P320** can be used with most **2'-4' T8 lamps** and **2'-4' 14W to 54W T5 lamps** with an initial output of up to **1450 lumens** for one or two lamps. The **P320** features a **plug and port connector system for quick and easy end-of-life replacement without rewiring**. The **P320** is suitable for use in enclosed and gasketed fixtures and is a direct fit and function replacement for the PS1400QD fluorescent emergency ballast.

SPECIFICATIONS

Input Voltage	120-277V, 50-60Hz
Input Wattage	3.3 Watts
Lamps Operated	2'-4' 14W-28W T5 and 25W-54W HO T5 2'-4' 7W-40W T8, 32W T8-Bend. and 4'-8' 44W-86W HO T8 13W-26W 4-pin Quad, Twin Tube, 18W-42W 4-Pin Triple Tube 18W-40W Long Compact
Emergency Operation	(1 or 2) 2'-4' or (1) 8' lamp 90 minutes
Initial Illumination	Up to 1450 lumens
Operating Temp	32° to 100° F
Battery	High-Temp Nickel Cadmium 24 Hour Recharge 7-9 Year Life Expectancy
Weight	2.0 lbs.
Approval	UL Listed

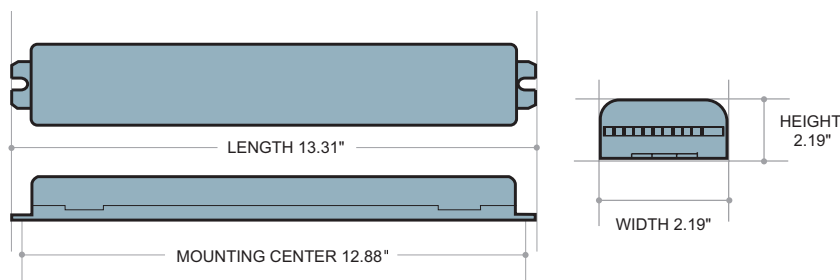


FEATURES

- Will cold start and operate all specified lamps
- Long life high temperature recyclable Ni-Cad battery
- Durable UL-94V-0 rated thermoplastic housing resists impact, scratches, and corrosion
- Includes single piece test switch and charge indicator accessory kit
- For use with switched or unswitched fixtures
- Lamp selector switch optimizes light output for desired lamp type
- Rated for use in enclosed and gasketed fixtures.
- Meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements
- Meets CA Title 20 battery charger efficiency standards when used with optional PCM T20 Control Module
- **5-Year Warranty**

DIMENSIONS

13.31" x 2.19" x 1.19"



P320

REDUCED PROFILE FLUORESCENT EMERGENCY BALLAST

TEST KIT

TSPL Test Switch / Pilot Light Accessory

ACCESSORIES

○ PCM T20 Control Module

The optional PCM T20 Control Module regulates standby input power to ensure power consumption stays within accepted efficiency standards as defined by California Title 20 requirements. The PCM T20 Control Module connects via the plug-in port of the P320.

INITIAL LUMEN RATINGS

LAMP	1 LAMP	2 LAMP
FP14/T5	800	n/a
FP245T5/HO	700	n/a
FP28T5	1450	n/a
FP54T5/HO (49W)	1100	n/a
FP54T5/HO (54W)	900	n/a
F17T8	850	950
F32T8	1450	1450
FB31T8	1400	1400
CF40	950	n/a
FT40DL28W	1050	n/a

P320 SAMPLE SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an **IOTA P320** fluorescent emergency battery pack. The **P320** shall consist of a high temperature, maintenance-free nickel cadmium battery, charger board and an electronic circuit enclosed in a 13.31" x 2.19" x 1.19" UL-94V-0 flame-rated thermoplastic housing 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 14W-54W T5 (2'-4'), 7W-40W (2'-4') T8, (4'-8') 44W-86W T8, or 13W-42W 4-pin fluorescent lamps. The **P320** shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 1450 lumens. The **P320** will feature a plug-in harness and connection port for simplified replacement and two-position lamp selector switch for optimizing light output for the designated lamp type. The **P320** shall have 3.3 watts of input power and a battery capacity of 24 watt hours. The **P320** is UL Listed and meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements, and rated for use in enclosed and gasketed fixtures. The **P320** is warranted for a full five (5) years from the date of purchase.

Warranty: 5-Year Limited Warranty

Complete warranty terms located at www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx