

## INTENDED USE:

The BALT5-1300 low profile fluorescent emergency ballast works in conjunction with an AC ballast to convert new or existing fluorescent fixtures into emergency lighting. The emergency ballast consists of a high-temperature nickel cadmium battery, charger and electronic circuitry in one compact case. The BALT5-1300 can be used with one 14 - 54 W (2'-4') T5 fluorescent lamps, 17 - 40W T8 lamps without integral starters, and 17W-55W (4-pin) long compact lamps. It is also compatible with most electronic and dimming AC ballasts. If used in an emergency-only fixture, no AC ballast is necessary. This ballast is not suitable for use in air handling heated air outlet fixtures and wet or hazardous location fixtures. For information about specific lamp and ballast compatibility, please consult the factory.



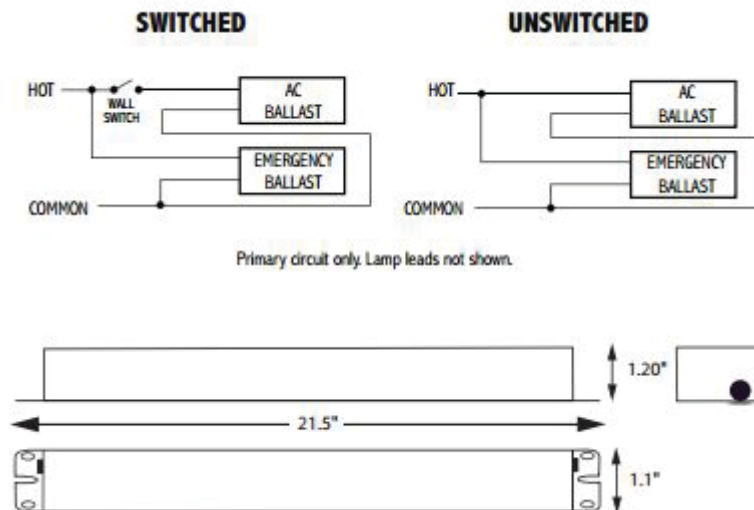
This ballast has additional features, such as time delay enhancement and open circuit isolation that enables the emergency battery pack to function smoothly with "End-of-Lamp-Life" circuitry in newer AC ballasts. This would provide an additional level of unit protection from over voltage caused by an absence of lighting load.

## OPERATION

When AC power fails, the BALT5-1300 immediately switches to the emergency mode, keeping one lamp illuminated at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, the BALT5-1300 automatically returns to the charging mode.

## INSTALLATION

The BALT5-1300 does not affect normal fixture operation and may be used with either a switched or unswitched fixture. If a switched fixture is used, an unswitched hot lead must be connected to the emergency ballast. The emergency ballast must be fed from the same branch circuit as the AC ballast. The BALT5-1300 may be installed inside or on top of the fixture. Installation is not recommended with fixtures where the ambient temperature may fall below 0°C for extended periods



## BATTERY

Since high temperatures exist in fluorescent fixtures, the BALT5-1300 uses a specially constructed, high-temperature nickel cadmium battery. This battery requires no maintenance and has a life expectancy of 7- 10 years.

## EMERGENCY ILLUMINATION

The BALT5-1300 produces 1300 lumens initial emergency light output. During emergency illumination, one lamp is illuminated, even if installed with a multi-lamp AC ballast. Emergency lumen output will be less with a compact fluorescent lamp.



# BALT5-1300 Series

## Fluorescent Emergency Ballast

### SPECIFICATIONS

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with a Texas Fluorescents BALT5-1300 emergency ballast. This emergency ballast shall consist of a high temperature, maintenance free nickel cadmium battery, charger and electronic circuitry contained in one 14.2" x 1.1" x 1.2" metal case. A solid state charging indicator light to monitor the charger and battery, a single pole test switch and installation hardware shall be provided. The emergency ballast shall be capable of operating one 14W-54W (2'-4') T5, 17W-40W T8 fluorescent lamps without integral starters, and 17W-55W 4 pin long compact lamps at reduced illumination in the emergency mode for a minimum of 90 minutes. The BALT5-1300 shall produce 1300 lumens initial emergency light output, have 2.5W of input power, a 21W/hr battery capacity and comply with emergency standards set forth by the current NEC. The emergency ballast shall be UL listed for installation inside, on top of or remote from the fixture and shall be warranted for a full year from the date of purchase and made in the USA.

### WARRANTY

Model BALT5-1300 is warranted for five (5) full years from date of purchase. This warranty covers only properly installed Texas Fluorescents emergency ballasts used under normal conditions. For the warranty period Texas Fluorescents will, at its option, repair or replace without charge, a defective emergency ballast provided it is returned to the factory transportation prepaid and out inspection determines it to be defective under terms of the warranty. Repair or replacement, as stated above, shall constitute the purchaser's exclusive warranty, which does not extend to transportation, installation, labor or any other charges; nor does it apply to any equipment of another manufacturer used in conjunction with the emergency ballast.

### UL AND CODE COMPLIANCE

The BALT5-1300 has been tested by Underwriters Laboratories in accordance with the standards set forth in UL 924, "Emergency Lighting and Power Equipment," and is UL Listed for factory or field installation. Emergency illumination time exceeds the National Electrical Code (NEC), Life Safety Code (NFPA-LSC) and requirements.

PRODUCT SUMMARY			
UL LISTED	DUAL VOLTAGE INPUT	BATTERY	TEMPERATURE RATING (AMBIENT)
Factory or field installation	120/277 VAC 60Hz	High-Temperature Maintenance Free Nickel-Cadmium Battery 7-10 year life Expectancy	0°C to+55°C (32° to 131°F)
ILLUMINATION	AC INPUT CURRENT	BATTERY CHARGING CURRENT	DIMENSIONS
90 Minutes	126mA/122mA	126mA/122mA	21.5" x 1.1" x 1.2" Mounting center 20.9"
INITIAL LIGHT OUTPUT	AC INPUT POWER RATING	RECHARGE TIME	WEIGHT
1300 Lumens	2.5 Watts	24 Hours	2.1lbs (0.9kg)
FULL WARRANTY	TEST SWITCH	CHARGING LIGHT INDICATOR	
5 years (NOT pro-rata)	Single pole	LED	