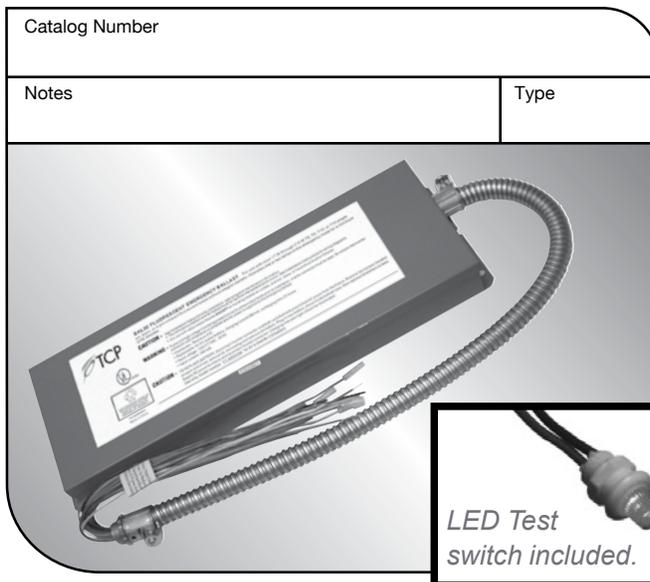


Emergency Ballasts

120 or 277 Voltage, Damp Location

Features and Benefits:

- UL Listed (Factory or Field Installation)
- 90 Minute Illumination
- Max Initial Lumen Output - 3000 Lumens
- 5 Years Full Warranty (NOT pro-rata)
- Dual Voltage Input, 120/277 VAC, 60 Hz
- AC Input Current 270mA
- AC Input Power Rating, 5.1 Watts
- Battery – 57.6 Watt-hour Capacity, High-Temperature Maintenance-Free Nickel-Cadmium Battery
7-10 Year Life Expectancy
- Battery Charging Power 14.4V - 270mA
- 24 Hours Recharge Time w/ LED Charging Indicator Light



Operation:

The TCP 20B30 fluorescent emergency ballast works in conjunction with an AC ballast to convert new or existing fluorescent fixtures into emergency lighting. When AC power fails, the 20B30 immediately switches to the emergency mode, operating either one or two lamps at high lumen output for a minimum of 90 minutes. When AC power is restored, the ballast automatically returns to the charging mode.

Emergency Illumination:

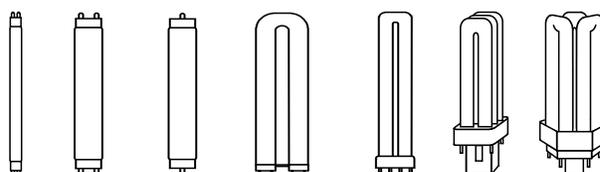
Depending on the number (one or two), wattage and type of lamps selected, the 20B30 produces up to 3000 lumens initial emergency light output. If two-lamp operation is selected, light output is evenly divided between the lamps for better distribution of emergency illumination.

Compatibility:

Operates two 8W-54W T5/T5HO, two 17W-40W, one 17W- 215W T8 through T12, two 13W-42W 4-pin compact, two 18W-50W or one 18W-55W 4-pin long compact fluorescent lamps. It is also compatible with most one-, two-, three-, and four-lamp electronic, standard, energy-saving and dimming AC ballasts. If used in an emergency-only fixture, no AC ballast is necessary.

Lamp	Initial Lumens	
	1-lamp	2-lamp
T5 14W	1150	1200
T5 21W	1750	1800
T5 28W	2350	2425
T5HO 39W	2700	2850
T5HO 54W	2900	3000
T8 17W	1100	1150
T8 32W	2950	3000
T12 20W	875	900
T12 40W	2250	2400
T8 59W	2800	-
T12 110W	2950	-
T12 215W	3000	-

Lamp	Initial Lumens	
	1-lamp	2-lamp
4-pin PL CF 13W	825	900
4-pin PL CF 18W	1100	1200
4-pin PL CF 26W	1500	1600
4-pin PL CF 32W	2200	2300
4-pin PL CF 42W	2450	2500
4-pin Long CF 18W	1250	1400
4-pin Long CF 24W	1750	1900
4-pin Long CF 36W	2200	2300
4-pin Long CF 40W	2350	2400
4-pin Long CF 50W	2250	2400
4-pin Long CF 55W	2500	-



Specifications:

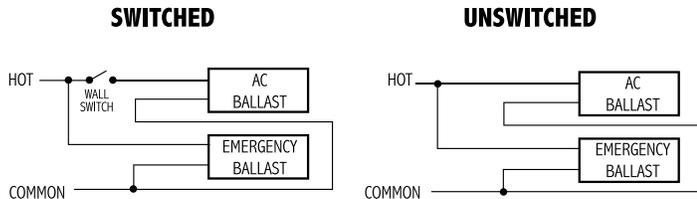
The TCP 20B30 emergency ballast consists of a field-replaceable, high-temperature, maintenance-free nickel-cadmium battery, charger and electronic circuitry in a durable painted red metal case with a life expectancy of 7 - 10 years. A solid-state charging indicator light to monitor the charger and battery, single-pole test switch and installation hardware shall be provided.

Applications:

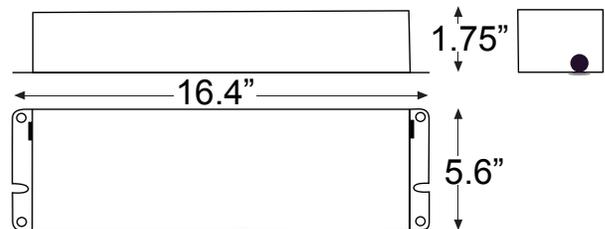
The 20B30 is suitable only for indoor locations and not for wet or hazardous locations. For information about specific lamp and ballast compatibility, please call the factory. Recommended applications include: hospital surgical suites and areas along the path of egress with high ceiling heights, as well as health care, educational and commercial facilities needing higher levels of emergency illumination.

Installation:

The 20B30 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 20B30 may be installed on top of or remote from the fixture. The emergency ballast may be remotely installed up to half the distance the AC ballast manufacturer recommends removing the AC ballast from the lamp or up to 50 feet, whichever is less. Installation is not recommended with fixtures where the ambient temperature may fall below 0°C. A charging indicator light and double-pole test switch are provided. Upon request, a single-pole test switch/monitor plate is provided for remote installation of the test switch and charging indicator light.



Primary circuit only. Lamp leads not shown.



Installation to be performed by a qualified, licensed professional.

Improper wiring may significantly reduce lamp life expectancy and void the ballast and/or lamp warranty.

UL And Code Compliance:

The 20B30 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 UL 90-minute requirements.

Warranty:

Model 20B30 is warranted for five (5) full years from date of purchase. This warranty covers only properly installed TCP emergency ballasts used under normal conditions. For the warranty period TCP will, at its option, repair or replace without charge, a defective emergency ballast provided it is returned to the factory transportation prepaid and our 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.

5 YEAR
WARRANTY