



When the main power fails, the NB24-T5T8-01E immediately switches to emergency mode, operating one lamp illuminated at a reduced lumen output for a minimum of 90 minutes. When the main power is restored, the NB24-T5T8-01E automatically returns to charging mode.



Emergency Ballast (NB24-T5T8-01E)

KEY FEATURES

- Low-voltage, 2 wire (class 2), 24VDC
- Very High charge Efficiency with Auto-Polarity correction
- Low-voltage, 2 wire (class 2)
- Type I, Class P, Sound rated A
- Will operate any T8, T5 or BIAx style lamp

For more information:

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APPLICATION

The NB24-T5T8-01E fluorescent emergency ballast works in conjunction with a DC ballast to convert new or existing fluorescent fixtures into emergency lighting. The NB24-T5T8-01E emergency ballast consists of a high-temperature nickel-cadmium battery, charger and circuitry in one compact black case.

The NB24-T5T8-01E can be used with one 17 W - 54 W (2' - 4') T5, T8 or BIAX fluorescent lamp. The NB24-T5T8-01E is suitable for indoor locations. It is not suitable for air handling heated air outlets or wet or hazardous locations. Please call for specific information about lamp and ballast compatibility.

TECHNICAL SPECIFICATIONS

U.S. Patent Pending

Operating Voltage: 24v DC (nominal)

Operating Current: 60 mA.

Rated Inrush Current: 250mA for 1 sec

Maximum input current: 125 mA. (3 Watts)

Illumination time: 90 min.

Initial Light Output: Up to 650 Lumens

Test switch: Single Pole

Charge indicator light: LED

Battery: High Temperature Maintenance-Free Nickel-Cadmium. 7 - 10 year life expectancy

Charge Current: 200 - 250mA

Recharge time: 24 hours

Temperature rating: 0° C to + 49° C

Dimensions: 1.7 in W x 1.2 in H x 14.2 in L (44 mm W x 31 mm H x 362 mm L)

Weight: 1.6 lbs (700 g.)

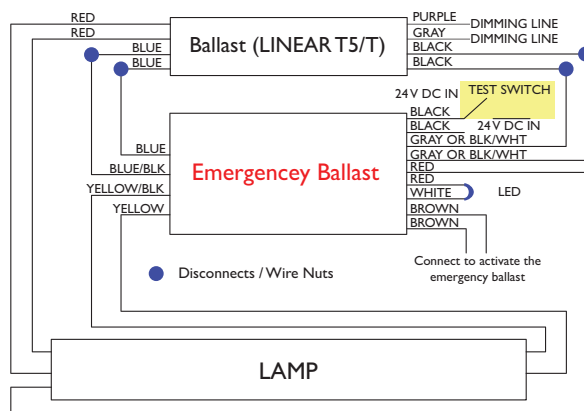
All specifications are subject to change without notice

Single Lamp Operation	
Lamp Type	Lumens*
F25T8	625
F32T8	650
FT40BX	625
F24T5HO	425
F54T5HO	800
F28T5	775
F21T5	475

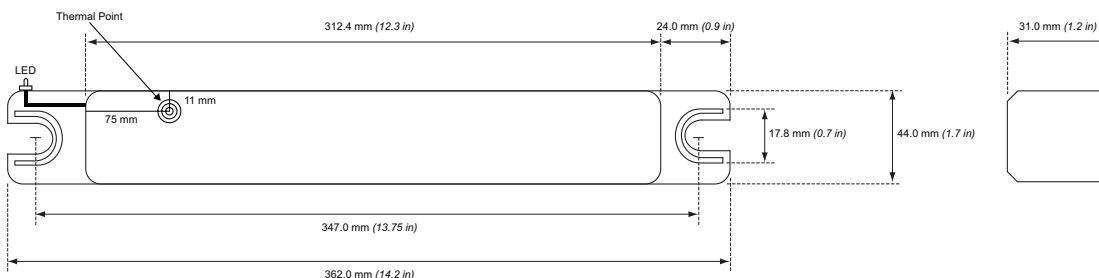
* In "emergency" lighting mode

Order on-line at <http://www.nextekpower.com/power-shop/>

DC BALLAST WIRING DIAGRAM



ENCLOSURE DIAGRAM



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