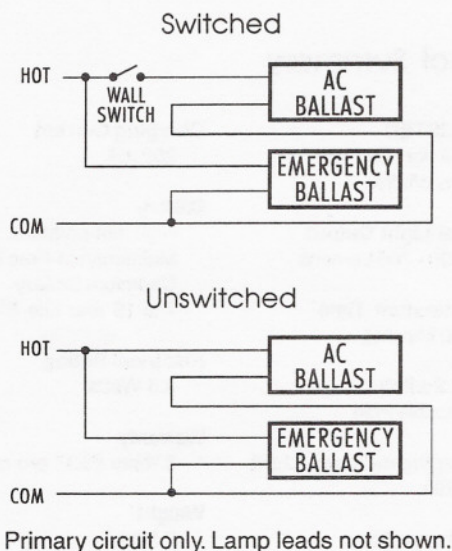
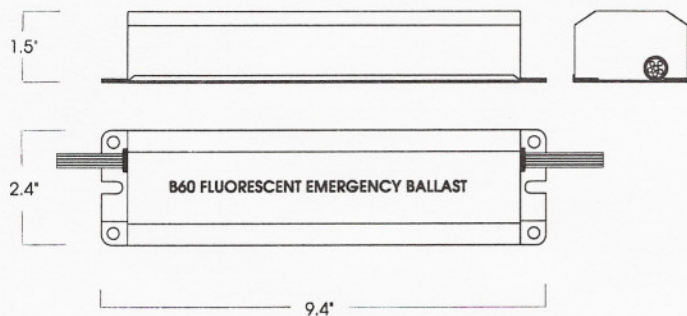


bodine
EMERGENCY LIGHTING

B60 FLUORESCENT EMERGENCY BALLAST

FOR TWO LAMP EMERGENCY OPERATION



APPLICATION

The B60 fluorescent emergency ballast works in conjunction with the 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 red case.

The B60 can be used with most 17 W through 215 W (2' -8') T8, T10, or T12 fluorescent lamps without integral starters, including U-shaped, HO, VHO, circline, energy saving, and (4-pin) compacts. It is also compatible with most 1, 2, 3, and 4-lamp **electronic**, standard, energy saving, and dimming AC ballasts. If used in an emergency-only fixture, no AC ballast is necessary. The B60 is not suitable for use in air handling heated air outlet fixtures, and wet, damp, or hazardous location fixtures. For information about specific lamps and ballast compatibility, please call the factory.

OPERATION

When AC power fails, the B60 immediately switches to the emergency mode, keeping either one or two lamps illuminated at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, the B60 automatically returns to the charging mode.

INSTALLATION

The B60 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 B60 may be installed inside, on top of, or remote from the fixture. The emergency ballast may be remote-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 for extended periods.

UL and CODE COMPLIANCE

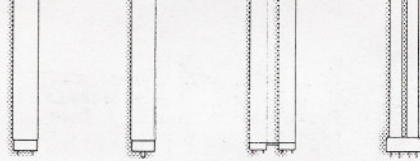
The B60 has been tested by Underwriters Laboratories in accordance with the standards set forth in UL924 – "Emergency Lighting and Power Equipment," and is UL Listed for factory installation or field retrofit. Emergency illumination time exceeds the National Electrical Code (NEC), Life Safety Code (NFPA–LSC) and UL 90-minute requirements.

SPECIFIERS REFERENCE

Project	Type	Model No.
Comments		

B60 FLUORESCENT EMERGENCY BALLAST

FOR TWO LAMP EMERGENCY OPERATION



BATTERY

Since high temperatures exist in fluorescent fixtures, the B60 uses a specially constructed, high-temperature nickel cadmium battery. This battery requires no maintenance, and has a life expectancy of 7 to 10 years.

EMERGENCY ILLUMINATION

The B60 produces 600 to 700 lumens initial emergency light output with two (2'-4') T8, T10, or T12 lamps. If two-lamp operation is selected, light output is evenly divided between the lamps for better distribution of emergency illumination. Lumen output will be less with one-lamp operation or with a compact fluorescent lamp.

SPECIFICATION

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with a Bodine B60 emergency ballast. This emergency ballast shall consist of a high-temperature, maintenance-free nickel cadmium battery, charger and electronic circuitry contained in one 9 3/8" x 2 3/8" x 1 1/2" red metal case. A solid-state charging indicator light to monitor the charger and battery, a double-pole test switch, and installation hardware shall be provided. The emergency ballast shall be capable of operating one or two (2'-4') T8, T10, or T12 fluorescent lamps; one 17 W - 215 W (2'-8") tubular lamp or (4-pin) compact fluorescent lamp at reduced illumination in the emergency mode for a minimum of 90 minutes. The B60 shall produce 600 to 700 lumens initial emergency light output, have 3.5 Watts of input power, a 14.4 Watt-hour 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, warranted for a full three years from date of purchase, and made in the U.S.A.

WARRANTY

Model B60 is warranted for three (3) full years from date of purchase. This warranty covers only properly installed Bodine emergency ballasts used under normal conditions. For the warranty period Bodine 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.



Product Summary

UL LISTED

Factory Or Field
Installation

Initial Light Output

600 - 700 Lumens

Illumination Time

90 Minutes

Test Switch

Double Pole

Charging Indicator Light

LED

Recharge Time

24 Hours

Ballast Temperature Rating

0°C to + 55°C

Dual Input Voltage

120/277 VAC, 60 Hz

Charging Current

280 mA

Battery

High-Temperature,
Maintenance-Free Nickel
Cadmium Battery
7 to 10 Year Life Expectancy

Electrical Rating

3.5 Watts

Warranty

3 Years (NOT pro-rata)

Weight

2.5 lbs.

Dimensions

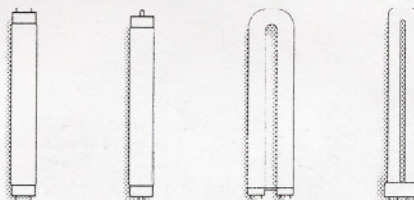
9.4" x 2.4" x 1.5"
(238 mm x 60 mm x 38 mm)
Mounting center 8.9"
(226 mm)

Emergency ballasts can be modified to accommodate special voltages, frequencies, and longer run times.

For damp locations order model BDL600.

B60 FLUORESCENT EMERGENCY BALLAST

FOR TWO LAMP EMERGENCY OPERATION



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Product Summary

UL LISTED Factory Or Field Installation	Charging Current 280 mA
Initial Light Output 600 - 700 Lumens	Battery High-Temperature, Maintenance-Free Nickel Cadmium Battery 7 to 10 Year Life Expectancy
Illumination Time 90 Minutes	Electrical Rating 3.5 Watts
Test Switch Double Pole	Warranty 3 Years (NOT pro-rata)
Charging Indicator Light LED	Weight 2.5 lbs.
Recharge Time 24 Hours	Dimensions 9.4" x 2.4" x 1.5" (238 mm x 60 mm x 38 mm) Mounting center 8.9" (226 mm)
Ballast Temperature Rating 0°C to + 55°C	
Dual Input Voltage 120/277 VAC, 60 Hz	

Emergency ballasts can be modified to accommodate special voltages, frequencies, and longer run times.

For damp locations order model BDL600.