



Universal Input

Emergency Ballasts for Global Line Voltage (120 - 277 VAC)

The Philips Bodine Universal Input FEB

PHILIPS
bodine

Philips Bodine Universal Input Fluorescent Emergency Ballasts are ideal for international line voltages from 120 - 277 VAC (50 or 60 Hz) and applications requiring higher tolerance of line voltage variation or harmonic distortion.

Application

Universal Input emergency ballasts work in conjunction with an AC ballast to convert new or existing fluorescent fixtures into code-compliant emergency lighting. Recommended applications for these emergency ballasts include fixtures subject to international line voltages (120 through 277 VAC, 50 or 60 Hz); fixtures in drilling rigs where generators are the primary source of power; and fixtures exposed to noticeable line voltage variation or harmonic distortion.



Operation

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

Warranty

Depending on the model, Universal Input fluorescent emergency ballasts are warranted for three or five years from date of purchase. This warranty covers only properly installed Philips Bodine emergency ballasts used under normal conditions. For the warranty period, Philips Emergency Lighting 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.

Universal Input units feature built-in surge protection, which handles fluctuations in line voltage and interference from harmonic distortion and maintains proper charging current.

Model	Type of Lamps Operated	Max. Lumens	Feature
B50U	One 17-215 W (2'-8') or two 17-40 W (2'-4') T8, T9, T10 or T12 lamps; or one 18-55 W or two 18-39 W (4-pin) long compacts	1400	One- or two-lamp operation
BDL60U	One 17-215 W (2'-8') or two 17-40 W (2'-4') T8, T9, T10 or T12 lamps; or one 18-55 W or two 18-39 W (4-pin) long compacts	700	One- or two-lamp operation
BDH65U	One 17-215 W (2'-8') or two 17-40 W (2'-4') T8, T9, T10 or T12 lamps; or one 18-39 W long compact	700	For hazardous location fixtures
CF94GU	One 13-42 W (4-pin) twin, quad or triple twin-tube	750	Open circuit design
LP600STU	One 14-54 W (2'-4') standard or high output T5; 17-55 W (2'-5') T8; 36-55 W (4-pin) long compact; or 22-55 W T5 circline	1325	Low-profile, self-testing



© 2011 Philips Emergency Lighting
All rights reserved.

Document order number: L0000034 11.08