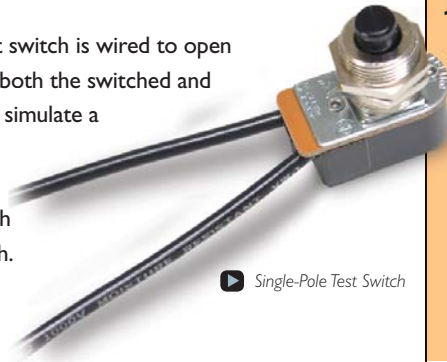




Double-Pole Test Switch Not Required with ELC FEBs

A double-pole test switch is unnecessary for Philips Bodine ELC (end-of-lamp-life compatible) fluorescent emergency ballasts. Use a single-pole switch. The single-pole test switch is wired into the unswitched hot input. When the switch is depressed, power is removed, de-energizing the relays inside the unit, including the relay that connects the switched hot input on the white/red to the white/black output to the AC ballast.

A double-pole test switch is wired to open the connection of both the switched and unswitched hot to simulate a power outage. The ELC design does the same thing with a single-pole switch.



▶ Single-Pole Test Switch

Customer Service Contacts

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Rob Porter Cliff Joe Debra

New Remote Mounting Distances Chart

The Philips Bodine remote mounting distances chart has been updated to include new products. If you have any questions about the chart, please contact Tech Support.

- Joe Rouse, Tech Support Engineer: joe.rouse@philips.com
- Debra McGhee, Tech Support Representative: debra.mcgee@philips.com
- Telephone: 888-263-4638

	Product	≤ 80' or up to half the AC ballast remote mounting distance, whichever is less	≤ 50' or up to half the AC ballast remote mounting distance, whichever is less	≤ 30' or up to half the AC ballast remote mounting distance, whichever is less	≤ 10' or up to half the AC ballast remote mounting distance, whichever is less	≤ 6' or up to half the AC ballast remote mounting distance, whichever is less
Linear	B33		•			
	B30 / B30ST		•			
	B50 / B50ST		•			
	B60		•			
	B70A		•			
	B90		•			
	B100		•			
Compact	B75C					•
	B74CST		•			
	B84CG				•	
	B4CFG				•	
	B94G / B94CG				•	
	BDL940 / BDL94C		•			
	B463		•			
	B426		•			
	B413		•			
	B50LP		•			
Low-Profile	B60LP / B60LPU		•			
	LP600				•	
	LP600STU				•	
	LP550				•	
	LP500				•	
	B100LP		•			
Cold-Pak®	B50 Cold-Pak®		•			
	B4CF1				•	
	B4CF2				•	
	B4CF3				•	
ARC Keeper®	AK400PRB / AK400PRB-SP	•				
	AK250PRB		•			
	AK175PRB			•		
Mini Inverter	ELI-100-SD	•				
	ELI-250-SD	•				
Other	CB90-48			•		
	CF94G				•	

e-ARC Keeper Accepted for 2009 IES Progress Report

The Philips Bodine e-ARC Keeper™ for 20-39 W Electronic HID Ballasts was included in the 2009 IES Progress Report, which was presented at the IES Annual Conference in mid-November



“We are truly excited about the latest member of our ARC Keeper family, the new e-ARC Keeper,” Rob Sumner, national sales manager for Philips Emergency Lighting, said. “This is the very first product of its kind designed specifically to operate lower wattage electronic HID ballasts. e-ARC Keeper is another example of our drive to develop innovative, relevant and timely solutions for today’s life safety applications.”

The e-ARC Keeper is a rapid detection, rapid transfer backup power device for 20-39 W HID lamps. It prevents the arc of the HID lamp from extinguishing during AC utility power interruptions. e-ARC Keeper detects the interruption before it can become problematic to the lamp and immediately begins supplying supplemental power to the electronic HID ballast. It supports the ballast for 30 seconds, enough time for a power disturbance to pass or a generator to engage.

The e-ARC Keeper was introduced at Lightfair in May. More information on the product will be available soon. The Progress Report, in addition to its presentation at the IES Annual Conference, will be available on the IES website and will be showcased at local IES section meetings throughout the coming year. A summary of the Progress Report will be included in the January 2010 issue of LD+A magazine.

ELC Update

Many Philips Bodine fluorescent emergency ballasts are now compatible with the EOL (end-of-lamp-life) detection circuitry common to AC ballasts. Our patented ELC (end-of-lamp-life compatible) circuit allows our emergency ballasts to be paired with EOL circuitry without the bothersome shutdown issue often seen in this pairing.

The shutdown problem occurs because EOL circuitry interprets the transition from emergency to normal power as an end-of-lamp-life condition and, in response, directs the AC ballast to shut down. This does not happen when the ELC circuit is in use.

The ELC circuit delays AC ballast operation for approximately three seconds. Because AC ballast operation is delayed, EOL circuitry in the AC ballast cannot “see” the transition and, therefore, cannot misinterpret the transition as an end-of-lamp-life condition.

The following products DO NOT utilize the ELC circuit, though some, where appropriate, may be transitioned to ELC in the future. ELC circuitry is not applicable for all products.

RCT products

2-pin CFL products

CAN products

GEN I

GEN3

B33

B50CHIC

B50Cold-Pak®

BDL60U

BHD65U

CB90-48

ELI-100-SD

ELI-250-SD

ARC Keeper® units





Philips Emergency Lighting Celebrates Successful Rebuild

Philips Emergency Lighting (PEL) celebrated the reopening of our main building in September. Structures at our Collierville, TN, site were damaged by fire in May 2008. Though we were back in business just days after the fire, the main building was rendered uninhabitable and required extensive renovation, which is now complete.

The newly occupied building houses offices, conference rooms and state-of-the-art production and engineering facilities, including the PEL global research and development center.

