



Philips Bodine e-ARC Keeper™ for 20-39 W eHID Ballasts

Philips Emergency Lighting proudly introduces the Philips Bodine e-ARC Keeper™ for 20-39 W Electronic HID Ballasts. The e-ARC Keeper is the newest member of the ARC Keeper® family. e-ARC Keeper, like other ARC Keeper models, prevents the arc of an HID metal halide lamp from extinguishing during AC utility power disturbances.

HID lamps are highly sensitive to even very minor power disturbances. A disturbance of four milliseconds can precipitate lamp arc loss. The e-ARC Keeper senses the disturbance before it can become problematic to the lamp and immediately begins supplying supplemental power to the electronic HID ballast. It will support the ballast for 30 seconds, enough time for a generator to engage or for the disturbance to pass. Two e-ARC Keeper versions are available: eAK39-120V for 120V applications and eAK39-277V for 277V applications.

e-ARC Keeper, like other ARC Keeper models, eliminates nuisance downtime and restrike periods caused by short-duration power disturbances. Also, like other ARC Keeper models, e-ARC Keeper allows an HID fixture to serve as an emergency lighting unit.

The Philips Bodine e-ARC Keeper is ideal for retail, office and other environments utilizing low-wattage HID lighting. It offers versatile mounting options and can be installed on the fixture or up to 250 feet from the fixture.

e-ARC Keeper™

Another example of our drive to develop innovative, relevant and timely solutions for today's life safety applications.



Product Highlights

- Designed to prevent lamp arc loss
- Allows an HID metal halide fixture to serve as an emergency lighting unit when used with a generator
- Eliminates nuisance downtime common to HID lighting systems
- Works with one electronic HID ballast and one 20 W to 39 W HID lamp
- Supplies power to the electronic HID ballast for 30 seconds. Other members of the ARC Keeper line support the HID lamp.
- Two versions available: eAK39-120V and eAK39-277V
- Warranty: 5 years (not pro-rata)
- Suitable for indoor and damp
- UL Listed/CSA Certified

NCQLP Certification

Four members of the Philips Emergency Lighting team recently earned Lighting Certification from the National Council on Qualifications for the Lighting Professions (NCQLP). Porter Wafler, regional sales manager/east, Cliff Wentworth, regional sales manager/central, Joe Rouse, technical support engineer, and Dan Elkins, product engineer, received their Lighting Certified (LC) credential after rigorous preparation and testing.

The NCQLP establishes the education, experience and examination requirements for baseline certification across the lighting professions. LC status is a prestigious career achievement that demonstrates the recipient's dedication to the lighting profession. Industry champions such as Porter, Cliff, Joe and Dan illustrate why PEL is the leader in emergency lighting.

The Green Alternative: B94CG

The Philips Bodine B94CG Fluorescent Emergency Ballast is the ideal option for use with today's popular, environmentally conscious low mercury lamps. The B94CG offers the same dependable service as our BDL94C.*

Due to environmental concerns about mercury, most lamp manufacturers have reduced the mercury content in their products. Low mercury compact fluorescent lamps, while environmentally responsible, have created challenges to emergency lighting. Philips Emergency Lighting has observed problems such as reduced lumen output and improper color rendering when low mercury compact lamps, paired with fluorescent emergency ballasts, operate in the emergency mode with DC output to the lamp. Any emergency ballast that runs a compact lamp with DC output to the lamp could be subject to these issues.

The Philips Bodine B94CG eliminates the problems associated with color rendering and lumen output. B94CG ensures users can fully meet life safety code requirements with low mercury compact lamps.

B94CG operates one 13-42 W (4-pin) twin, quad or triple twin-tube compact and provides up to 750 lumens initial lumen output in emergency mode. The unit, in accordance to code, supplies a minimum 90 minutes of emergency lighting.

PEL first introduced emergency ballasts compatible with low mercury lamps in 2006.

* B94CG operates one lamp. BDL94C operates two lamps.



FEBs Compatible with Low Mercury Compact Lamps

B94G

B94CG

B84CG

B4CFG

B4CF1

B4CF2

B75C

Please visit our website, www.philips.com/bodine, for more information on these emergency ballasts.

BSL23C

- Ideal for downlight applications
- 3.5 W output power
- 90-minute code-compliant run time
- Dual input voltage (120/277 V, 60 Hz)
- Suitable for indoor and damp (Non-conduit BSL23 is also suitable for sealed & gasketed fixtures.)
- Flexible output voltage range of 3 to 20 VDC
- Dimensions: 9.4" x 2.4" x 1.5"
- Five-year warranty (not pro-rata)
- UL Component Recognized for factory installation only
- Category winner at Lightfair 2008



BSL722

- Ideal for vertical security lighting and other outdoor high-brightness LED applications
- 23.1 W output power
- 90-minute code-compliant run time
- Universal input (120-277 V, 50/60 Hz)
- Suitable for indoor and damp locations and for sealed & gasketed fixtures
- Includes two battery packs. Batteries separate from the driver for increased installation flexibility.
- Flexible output voltage range of 28 to 33 VDC
- Dimensions: 9.4" x 2.2" x 1.05"
- Three-year warranty (not pro-rata)
- UL Component Recognized for factory installation only
- CSA Certified

Philips Bodine Emergency LED Drivers

LED lighting is a rapidly growing segment of the lighting industry. It is poised to become a primary source for general lighting in the future. The growing popularity of such lighting is not a mystery. LED technology is continually improving. LEDs offer long life and high efficiency, have low operating costs and are lead and mercury free. They are currently used in a broad range of applications, including downlights, steplights, security lighting and accent lighting. They are also used in emergency lighting.

Our emergency LED drivers allow fixtures to meet or exceed code.

As with other types of fixtures, LED fixtures serving as emergency lighting must meet life safety code requirements. Philips Bodine emergency LED drivers allow these fixtures to meet or exceed code. In the event of a power failure, the emergency drivers support fixtures for a minimum of 90 minutes. When normal power is restored, they return to the charging mode.

The award-winning BSL23C is ideal for downlight applications. In emergency mode, this unit supports up to 3.5 W at rated current of 200 mA for a minimum of 90 minutes. The Philips Bodine BSL722 is designed for high-brightness outdoor applications such as security lighting. It supports up to 23.1 W at rated current of 700 mA for a minimum of 90 minutes. Both the BSL23C and BSL722 are UL Component Recognized for factory installation. BSL722 is also CSA Certified.

We will be introducing additional emergency LED drivers this year.





Join us May 12-14 in Las Vegas for Lightfair.
We're in booth 1015 with the Philips family of companies.
We will be introducing exciting new products that you won't want to miss.

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