

Phuzion™

LED High Bay
Wet location listed



| | |
|----------------|------|
| Catalog Number | |
| Notes | Type |

Description

The Phuzion LED luminaire takes high-bay lighting to new levels of lumen output and temperature tolerance. By marrying the latest in LED technology with the legendary illuminating dynamics of Holophane's prismatic glass, the Phuzion high bay delivers unparalleled performance and reliability. Phuzion is highly versatile and can be installed with the optics facing down or inverted for maximum uplight.

Optics

- Prismatic borosilicate glass maintains highest levels of luminosity over time.
- Glass doesn't fade, discolor or otherwise degrade in harsh environments.
- Six distributions available to achieve results from any mounting height.
- Prismatic optics combined with high efficiency LED's achieve maximum spacing and superior uniformity.
- IP65 rated optics.
- Injection molded acrylic lens available, see optics.
- Optional non-silicone gaskets, ideal for automotive production.
- Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)
- Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. [Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.](#)

Mechanical

- Robust cast aluminum housing with low copper content (0.6% CU content) withstands hot and dirty environments.
- Exterior parts are protected by a zinc infused Super Durable TGIC thermoset powder that provides superior resistance to corrosion.
- Pendant mount standard.
- IP64 rated.

Typical Applications

- Heavy industrial
- Manufacturing
- Warehousing
- Large indoor
- Natatorium

Electrical

- 0-10V dimming driver is standard (must specify the D option to enable dimming).
- Optional robust driver solution designed to assist with power quality and drop neutral conditions. XVOLT option supports 277-480V; 6kV surge rated.
- Luminaire Surge Protection Level: Designed to withstand up to 10kV/5kA per ANSI C82.77-5-2015.
- 70, 80, 90 CRI available.
- 3000K, 3500K, 4000K or 5000K CCT available.
- Aluminum core printed circuit board.

Listings

- -40°F (-40°C) to 158°F (70°C).
- CSA Certified for use in wet locations.
- DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Warranty

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Dimensions: Inches (millimeters) unless otherwise noted.

Diameter: 21.22 (538.99)
Height: 19.02-23.46 (483.11-595.88)
Weight: 33-38 lbs. (15.0-17.2 kg)

A+ Capable Luminaire

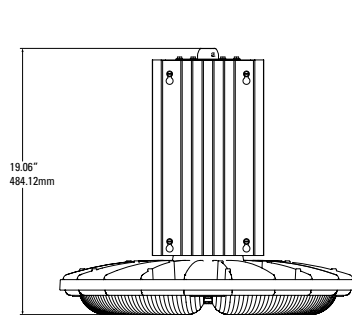
This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® or XPoint™ Wireless control networks marked by a shaded background*

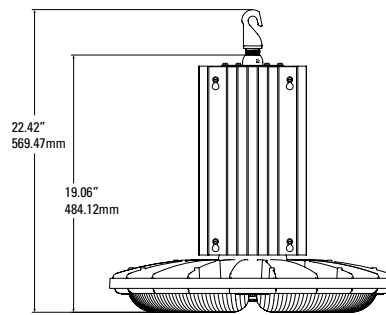
To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

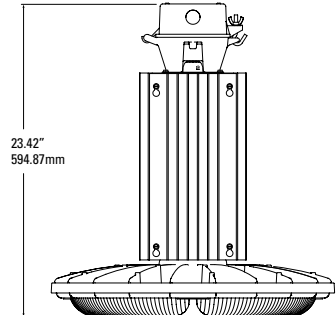
DIMENSIONAL DATA



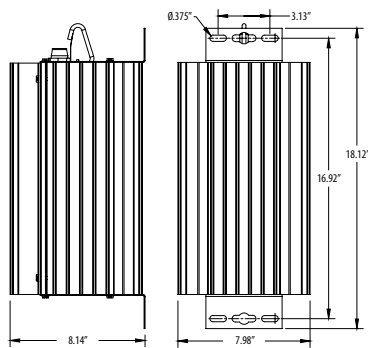
Pendant (P)



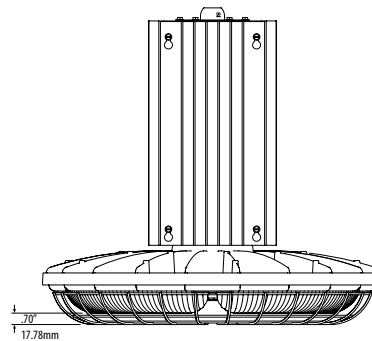
Hook (PF-129)



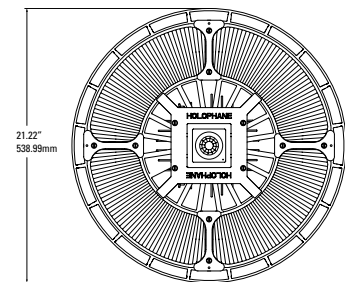
Quick Disconnect (Q)



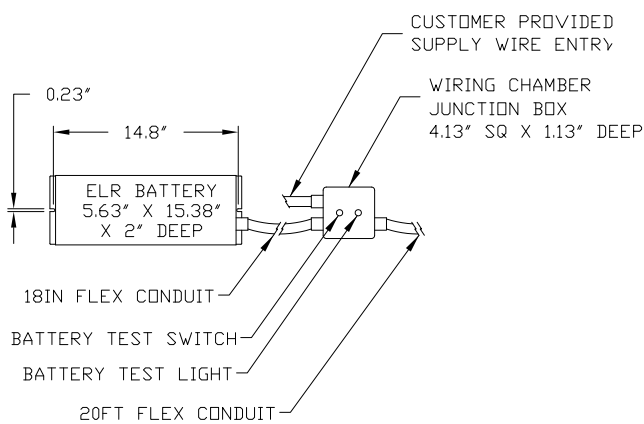
ELRC Emergency Remote Bodine BSL722C



Wire Guard (WG)



Diameter



LUMINAIRE WITH ELR OPTION



A+ Capable options indicated
by this color background.

ORDERING INFORMATION

Example: PHZ 45L 4K 80CRI AS P G W

| Series | Lumens ¹ | Color temperature | Color rendering index | Voltage | Mounting | Finish | Optics |
|--------|--|-------------------|-----------------------|---------------------------|------------------------------|---|---------------------|
| PHZ | 12L 12,000 nominal lumens | 3K 3000K CCT | 70CRI | AS Auto sensing (120-277) | AH Auto sensing (347/480) | P Pendant | N Narrow |
| | 18L 18,000 nominal lumens | 35K 3500K CCT | 80CRI | 12 120V | 34 347V | Q Quick disconnect ⁴ | N FR Narrow Frosted |
| | 24L 24,000 nominal lumens | 4K 4000K CCT | 90CRI | 20 208V | 48 480V | N Non-disconnect thru-wiring ⁴ | M Medium |
| | 30L 30,000 nominal lumens | 5K 5000K CCT | | 24 240V | XVOLT Auto sensing (277-480) | QR Quick disconnect retrofit ⁴ | M FR Medium Frosted |
| | 35L 35,000 nominal lumens | | | 27 277V | 277X 277V ³ | NR Non-disconnect thru-wiring retrofit ⁴ | W Wide |
| | 40L 40,000 nominal lumens | | | | 347X 347V ³ | | W FR Wide Frosted |
| | 45L 45,000 nominal lumens | | | | 480X 480V ³ | | NA Narrow Acrylic |
| | 50L 50,000 nominal lumens | | | | | | WA Wide Acrylic |
| | 60L 60,000 nominal lumens ² | | | | | | F Focus |
| | | | | | | | F FR Focus Frosted |
| | | | | | | | FSMG Focus Smooth |

| Options | | |
|---|---|--|
| Non-Dimming Sensors: ⁵ | | |
| MSE6NWL | 360° motion sensor embedded, high bay 15-45 ft., on/off. ⁶ | |
| MSE10NWL | 360° motion sensor embedded, high bay 8-15 ft., on/off. ⁶ | |
| MSE6NWL DSCNWL | Photocell with two selectable modes of operation. Defaults to on/off mode. Photocell has full control during periods of occupancy. High bay 15-45 ft. ⁷ | |
| MSE10NWL DSCNWL | Photocell with two selectable modes of operation. Defaults to on/off mode. Photocell has full control during periods of occupancy. High bay 8-15 ft. ⁷ | |
| Dimming Sensors: ⁵ | | |
| MSE62L3VWL | 360° motion sensor embedded, high bay 15-45 ft., on/off with second time-out period, goes to a dimmed state before turning off. ⁷ | |
| MSE102L3VWL | 360° motion sensor embedded, low bay 8-15 ft., on/off with second time-out period, goes to a dimmed state before turning off. max. 3volt min. dim setting. ⁷ | |
| MSE6XAWL DSCXA | XPoint Wireless enabled with photocell sensor & occupancy sensor, High bay 15-45 ft. ⁸ | |
| MSE10XAWL DSCXA | XPoint Wireless enabled with photocell sensor & occupancy sensor, low bay 8-15 ft. ⁸ | |
| MSE6XAWLEM DSCXA | Xpoint wireless enabled with Photocell & Occupancy sensor 15-45 ft UL924 ⁸ | |
| MSE10XAWLEM DSCXA | Xpoint wireless enabled with Photocell & Occupancy sensor 8-15 ft UL924 ⁸ | |
| SBGR10BTP | 360° Low Mount Occ Sensor, pre-wired; Bluetooth® ⁹ | |
| SBGR6BTP | 360° High Mount Occ Sensor, pre-wired; Bluetooth® ⁹ | |
| SBGR10BTP HL | 360° Low Mount Occ Sensor w/HL Default, pre-wired; Bluetooth® ⁹ | |
| SBGR6BTP HL | 360° High Mount Occ Sensor w/HL Default, pre-wired; Bluetooth® ⁹ | |
| SBGR10BTP ADC | 360° Low Mount Occ Sensor w/ADC Default, pre-wired; Bluetooth® ⁹ | |
| SBGR6BTP ADC | 360° High Mount Occ Sensor w/ADC Default, pre-wired; Bluetooth® ⁹ | |
| SBGR10BTP ANL | 360° Low Mount Occ Sensor w/ANL Default, pre-wired; Bluetooth® ⁹ | |
| SBGR6BTP ANL | 360° High Mount Occ Sensor w/ANL Default, pre-wired; Bluetooth® ⁹ | |
| Controls: | | |
| NPP16D | Power/relay pack (0-10VDC dimming output) ^{10, 11} | |
| NPP16DER | Power/relay pack (0-10VDC dimming, output, UL924 emergency operation) ^{10, 11} | |
| AXA10 | XPoint Wireless enabled ¹² | |
| XAD924 | XPoint™ Wireless 0-10V relay, internal, lower max ambient, meets UL924 (not available with battery pack) ¹² | |
| CR | Corrosion resistant paint | |
| AO | Field adjustable output dimming | |
| D | Dimming terminal ⁴ | |
| Damplocation cordsets: ^{4, 13} | | |
| CD-3 | 3-ft. cord ^{14, 15} | |
| CD-6 | 6-ft. cord ^{14, 15} | |
| CD-X | X-ft. cord ^{14, 15} | |
| CDP-L5-15-X | 120V cord and plug (12 only) ^{14, 15} | |
| CDP-L6-15-X | 208V/240V cord and plug (20 or 24 only) ^{14, 15} | |
| CDP-L7-15-X | 277V cord and plug (27 or 277X only) ^{14, 15} | |
| CDP-L24-20-X | 347V cord and plug (34 or 347X only) ^{14, 15} | |
| CDP-L8-20-X | 480V cord and plug (48 or 480X only) ^{14, 15} | |
| CDP-5-15-X | 120V cord and plug, straight blade (12 only) ^{14, 15} | |
| CDSK-XX | 5-wire drop cord for use with external low voltage dimming controls - Black (not for use with PF-129) ^{7, 15, 16} | |
| CDSW-XX | 5-wire drop cord for use with external low voltage dimming controls - White (not for use with PF-129) ^{7, 15, 16} | |
| A | HoloFlex I, 6ft cord, must specify voltage, dry listed only ¹⁴ | |
| S | HoloFlex II, 6ft cord, must specify voltage, dry listed only ¹⁴ | |
| PHCB | Powerhook cord for 120V-277V, 347V (12, 20, 24, 27 or 277X only) ^{14, 17} | |
| PHCB-L8-480 | Powerhook cord for 480V (48 or 480X only) ^{16, 17} | |
| Wet location cordsets: ^{11, 13} | | |
| CDW-3 | 3ft cord only (includes PF-291) | |
| CDW-6 | 6ft cord only (includes PF-291) | |
| CDW-X | X ft cord only (includes PF-291) | |
| CDPW-L5-15-X | 120V cord and plug (includes PF-291, 12 only) | |
| CDPW-L6-15-X | 208/240V cord and plug (includes PF-291, 20 or 24 only) | |
| CDPW-L7-15-X | 277V cord and plug (includes PF-291, 27 or 277X only) | |
| Hooks: | | |
| PF-129 | Anti-rotational hook, 3/4" male ^{4, 14} | |
| PF-105 | Loop, 3/4" male ^{4, 14} | |
| PF-121-A | Safety hook, 3/4" male ^{4, 14} | |
| PF-291 | Gasketed hook, 3/4" male ¹¹ | |
| Battery packs: ^{4, 11, 18} | | |
| ELR | PS30250 Emergency remote power sentry battery pack, CA Title 20 noncompliant ^{19, 20} | |
| E10WCP | EM self-diagnostics battery pack, 10W constant power, Certified in the CA Title 20 Appliance Efficiency Database ^{19, 20, 21} | |
| ELRC | BSL722C Emergency remote Bodine cold version -20 °C to 50 °C max., CA Title 20 noncompliant ²² | |
| E15WCPR | Emergency remote battery pack, 15W constant power, Certified in the CA Title 20 Appliance Efficiency Database (12, 27 or 277X only) ^{18, 20} | |
| Other options: | | |
| C3 | 3-ft. safety chain | |
| C6 | 6-ft. safety chain | |
| CX | X-ft. safety chain ¹³ | |
| NSG | Non-silicone gasket | |
| WG | Wire guard installed | |
| SSS | Stainless steel screws ¹¹ | |
| IVO | Inverted optical disk ²³ | |

SEE NEXT PAGE FOR ACCESSORIES AND NOTES