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

# Petrolux® LED Low Bay
### Hazardous Location for Demanding Environments
# PXLH



## Description
- For demanding environments with lower mounting heights where dust, dirt and moisture are a concern.
- 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.

## Optics
- Prismatic borosilicate glass directs light where needed and reduces harsh glare.
- Silicone rubber lens available that will not brown, chip, shatter or break.
- Four distributions (Type 5 low angle, Type 5 high angle, type 4 forward throw and Type 1 long and narrow) available to maximize versatility.
- Highly engineered LED system ensures superior uniformity and maximizes spacing.
- Lens assembly secured by 316 stainless steel tamper-resistant Torx® T-20 screws.

## Electrical
- Luminaire Surge Protection Level: Designed to withstand up to 10kV/5kA per ANSI C82.77-5-2015.
- 0-10V dimming driver is standard. Dims to 10%.
- 3000K, 4000K or 5000K CCT available.
- Fault-tolerant LED light engine continues to provide light even in the failure of one LED.
- Field Adjustable Output (AO) module - Onboard device that adjusts the light output and input wattage to meet site specific requirements. The AO module is preset at the factory to position number 8. CIID1, CIID2, CIII only. (see chart for settings)
- Integrated Bluetooth occupancy sensor: The SBG BTP is bluetooth enabled with dimming photocells. Allows you to change settings in the field using the VLP app. CID2, CIID2, CIII only.

## Mechanical
- Super durable TGIC thermoset powder coat with corrosion resistant finish is a five-stage pre-treating and painting process that yields over 5,000 hours salt rating per ASTM B117.
- Robust cast aluminum housing with low copper content (0.6% CU content) withstands harsh or hostile environments.
- Universal mount high profile top cover (ceiling/pendant). Optional universal arm available for wall/stanchion. Other mountings include a high profile yoke mount.
- Precise number of fins dissipate maximum amount of heat.
- Universal mount can be wall, stanchion, and angle mounted to accommodate a variety of arms.

## Listings
- UL Listed to US and Canadian Standards.
- Suitable for use in hazardous locations (UL844, see chart for restrictions)
  Class I, Division 2, Groups A, B, C, D
  Class II, Division 1, Groups E, F, and G
  Class II, Division 2, Groups F and G
  Class III
- Simultaneous presence (Class I Division 2, Class II Division 1 / Class II Division 2)
- Zone Equivalency Markings (see chart for details)
- -40°F (-40°C) to 149°F (65°C) (see text for details)
- IP65, IP66 and IP67 rated. (see Option Value Ordering Restrictions & Notes)
- 1G vibration rated.
- NEMA 4X rated (see chart for restrictions)
- Marine Rated (see chart for restrictions)
- IK rated (see chart for details)
- 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.

## Government Procurement
BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/resources/buy-american for additional information.

## Warranty
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/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.



## Typical Applications
- Petroleum refineries
- Ethanol facilities
- Chemical plants
- Power plants
- Textile mills
- Water and wastewater treatment facilities

## Dimensions: *Inches (millimeters) unless otherwise noted.*
Diameter: 13.11 in. (332.99 mm.)
UNM Height: 11.43 in. (290.32 mm.)
PM Height: 10.48 in. (266.19 mm.)
Weight: 19 lbs. (8.62 Kg.)
Pallet Quantity: 12 fixtures
EPA: .787 ft²

# Petrolux® LED

Hazardous Location for Demanding Environments

## ORDERING INFORMATION

**Example:** PXLH 3000LM MDU5 MVOLT 40K 80CRI UNM DGXD

| Series | Lumen Package | Distribution | | Voltage | | Color Temperature | | | Color Rendering Index | | Mounting | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PXLH | 3000LM 3,000 lumens | FWD | Forward throw, glass lens | MVOLT | (120V-277V, 50/60Hz) | 30K | 3000K CCT | | 70CRI | 70CRI | UNM | Universal Mount, high profile top cap ‡ |
| | 5000LM 5,000 lumens | LND | Long and Narrow, glass lens | 120 | 120V, 50/60Hz | 40K | 4000K CCT | | 80CRI | 80CRI | PM | Pendant Mount, low profile top cap ‡ |
| | 8000LM 8,000 lumens | MD0 | Medium, glass lens, with minimal uplight | 208 | 208V, 50/60Hz | 50K | 5000K CCT | | 90CRI | 90CRI | YK90 | Yoke Mount 0-90 Degree, high profile top cap ‡ |
| | 10000LM 10,000 lumens | MDU5 | Medium, glass lens, with uplight | 240 | 240V, 50/60Hz | | | | | | | |
| | | MDU5FR | Medium, frosted glass lens, with uplight | 277 | 277V, 50/60Hz | | | | | | | |
| | | S0 | Medium, silicon optic, with minimal uplight ‡ | HVOLT | (347V-480V, 50/60Hz) | | | | | | | |
| | | SOLND | Long and Narrow, silicone optic ‡ | 347 | 347V, 50/60Hz | | | | | | | |
| | | SOWD | Wide, silicone optic ‡ | 480 | 480V, 50/60Hz | | | | | | | |
| | | WD | Wide, glass lens | 125VDC | 125V, DC Driver ‡ | | | | | | | |
| | | | | 250VDC | 250V, DC Driver ‡ | | | | | | | |

### Options

#### Wet Location Cords (No Plug):

| | |
|---|---|
| CNP16WWL3FT | Cord only, 16-gauge, 3 conductors, white, 3ft ‡ |
| CNP164CWL3FT | Cord only, 16-gauge, 4 conductors, black, 3ft ‡ |
| CNP164CWWL3FT | Cord only, 16-gauge, 4 conductors, white, 3ft ‡ |
| CNP165CDWL3FT | Cord only, 16-gauge, 5 conductors, includes 0-10V dimming leads, black, 3ft ‡ |
| CNP165CDWWL3FT | Cord only, 16-gauge, 5 conductors, includes 0-10V dimming leads, white, 3ft ‡ |

#### Mounting Accessories:

| | |
|---|---|
| 072331 | Substation arm for a single luminaire, down orientation only ‡ |
| 072331CTL | Substation arm for a single luminaire with integral sensor, down orientation only ‡ |
| P3US | Universal arm for wall or stanchion mount ‡ |
| P3US35 | 35° Universal arm for wall or stanchion mount ‡ |

#### Sensor Switch Embedded Controls:

| | |
|---|---|
| SBGR10 | 360° Low Mount Sensor, (8-15' mounting heights), on/off occupancy ‡ |
| SBGR10 P | 360° Low Mount Sensor, (8-15' mounting heights), on/off photocell ‡ |
| SBGR10 D 3V | 360° Low Mount sensor, (8-15' mounting heights), high/low occupancy dimming ‡ |
| SBG10 OCC BTP | 360° Low Mount Sensor, (7-15' mounting heights), on/off occupancy, utilizes smart hub for Bluetooth® programmability ‡ |
| SBG10 HL BTP | 360° Low Mount Sensor, (7-15' mounting heights), high/low/(off) occupancy dimming, utilizes smart hub for Bluetooth® programmability ‡ |
| SBG10 ADC BTP | 360° Low Mount Sensor, (7-15' mounting heights), on/off occupancy with auto dimming photocell, utilizes smart hub for Bluetooth® programmability ‡ |
| SBG10 ANL BTP | 360° Low Mount Sensor, (7-15' mounting heights), high/low/(off) occupancy dimming with auto dimming photocell, utilizes smart hub for Bluetooth® programmability ‡ |

See chart for additional control options

#### Emergency:

| | |
|---|---|
| BSL310HAZSB | 10.4W Internal hazardous location emergency driver, 0°C min, UL924 Compliant, Certified in CA Title 20 MAEDBS ‡ |

#### Other Options:

| | |
|---|---|
| AO | Adjustable output dimming ‡ |
| BAA | Buy America(n) Act and/or Build America Buy America Qualified |
| BP | Button style photo control ‡ |
| EMD | Ingress/Egress Marker Decal |
| NSG | Non Silicone Gasket (EPDM) ‡ |
| PC | Pendant Cone ‡ |
| UPS | Uplight Shield ‡ |
| WGX | Zinc coated wire guard, factory installed |

### Finish

| | |
|---|---|
| DBXD | Black super durable, corrosion resistant ‡ |
| DGXD | Gray super durable, corrosion resistant ‡ |
| DWHXD | White super durable, corrosion resistant ‡ |

NOTE: ‡ indicates option chosen has ordering restrictions. Please reference ordering restrictions chart.

### Accessories: *Order as separate catalog number.*

| | |
|---|---|
| 072331 XX CR | Substation arm for a single luminaire, down orientation only, XX denotes color ‡ |
| 072331 CTL  XX CR | Substation arm for a single luminaire with sensor, down orientation only. XX denotes color ‡ |
| HSCKX | X inch safety chain kit ‡ |
| MI3502 THREAD SEAL | Thread Sealant ‡ |
| P3US XX CR | Universal arm for wall or stanchion mount, XX denotes color ‡ |
| P3US35 XX CR | 35° Universal arm for wall or stanchion mount, XX denotes color ‡ |
| PCPXLW XX CR | Pendant Cone, XX denotes color ‡ |
| UPSPXLW XX CR | Uplight shield, XX denotes color ‡ |
| WGPXLW | Zinc coated wire Guard |

**For Footnotes, see next page.**

Holophane | One Lithonia Way, Conyers, GA 30012 | Phone: 866-HOLOPHANE | www.holophane.com | TechSupport-Lighting@AcuityBrands.com

© 2019-2025 Acuity Brands Lighting, Inc. All rights reserved.    Rev. 01/13/25    Specifications subject to change without notice.

PXLH
Page 2 of 10

| ‡ Option Value Ordering Restrictions & Notes | |
|---|---|
| **Option value** | **Restriction** |
| 072331CTL, 072331 CTL XX CR | Not available with YK90, cord or cordset. Requires PM or UNM mounting. Includes one 3 conductor input feed cable. **Not IP or NEMA4X rated. Not Class II, Div. 1 compliant. Wet location rated.** |
| 072331, 072331 XX CR | Not available with YK90, cord or cordset. Requires PM or UNM mounting. Includes one 5 conductor input feed cable with input power and 0-10V dimming leads. **Not IP or NEMA4X rated. Not Class II, Div. 1 compliant. Wet location rated.** |
| 125VDC, 250VDC | Not available with BP. |
| A0 | Not available with BSL310HAZSB, CNP165CDWL3FT, CNP165CDWWL3FT, SBGR10 D 3V individual dimming sensor or SBG10 BTP Bluetooth sensors. **Not CI D2 rated.** |
| BP | Not available with MVOLT, HVOLT, 480, 125VDC or 250VDC. **Not CII D1, Marine or NEMA4X rated.** |
| BSL310HAZSB | Utilizes Bodine BSL310HAZSB emergency driver. Available with SBGR10 or SBGR10 P individual non-dimming sensors. Not available with A0 adjustable output, PM mounting, HVOLT, 347, 480, SBGR10 D 3V individual dimming sensor or SBG10 BTP Bluetooth sensors. Available with CNP164CWL3FT or CNP164CWWL3FT, but not required. **Not Marine or NEMA4 rated.** |
| CNP16WWL3FT | Available with Yoke (YK90) mounting only. **Not Marine or NEMA4X rated.** |
| CNP164CWL3FT, CNP164CWWL3FT | Available with Yoke (YK90) mounting and EM battery (BSL310HAZSB) only. **Not Marine or NEMA4X rated.** |
| CNP165CDWL3FT, CNP165CDWWL3FT | Available with Yoke (YK90) mounting only. Not available with A0 adjustable output, SBG BTP bluetooth sensors, BSL310HAZSB battery or SBG individual dimming and non-dimming sensors. **Not Marine or NEMA4X rated.** |
| DBXD | Corrosion resistant finish is standard. **Not Marine or NEMA4X rated.** |
| DGXD | Corrosion resistant finish is standard. |
| DWHXD | Corrosion resistant finish is standard. **Not NEMA4X rated.** |
| HSCKX | X denotes length. Available in multiple sizes. Replace X with size in inches. Example: HSCK120 = 120 inches or 10 feet. |
| MI3502 THREAD SEAL | Order one 3ml tube per luminaire. |
| NSG | Not available with SO or SOND. **Not CII D1, CII D2, CIII, Marine or NEMA4X rated.** |
| P3US, P3US XX CR, P3US35, P3US35 XX CR | Not available with PM, YK90 or cord. Requires UNM mounting. **Not IP, Marine or NEMA4X rated. Not Class II, Div. 1 compliant. Wet location rated.** |
| PC, PCPXLW XX CR | Not available with UNM or YK90. Requires PM Mounting. Requires minimum 8" customer provided stem. **Not Marine or NEMA4X rated.** |
| PM | Not available with BSL310HAZSB battery. Ships with 3/4" NPT pendant opening. |
| SBG10 OCC BTP, SBG10 HL BTP, SBG10 ADC BTP, SBG ANL BTP | Not available with HVOLT in the 3000LM or 5000LM lumen packages. BTP sensor options with 3000LM or 5000LM lumen packages cannot dim to OFF. These lumen packages will dim to 10% minimum and cannot be turned OFF with controls. Not available with CNP165CDWL3FT, CNP165CDWWL3FT, A0 or BSL310HAZSB in any lumen package. **IP65 and IP66 rated. Not CII D1, Marine or NEMA4 rated.** |
| SBGR10 D 3V | Not available with CNP165CDWL3FT, CNP165CDWWL3FT or A0. **IP65 and IP66 rated. Not CI D2, CII D1, Marine or NEMA4X rated.** |
| SBGR10, SBGR10 P | **IP65 and IP66 rated. Not CI D2, CII D1, Marine or NEMA4X rated.** |
| SO, SOLND, SOWD | **Not CII D1, Marine or NEMA4X rated.** |
| UNM | Includes provisions for 3/4" NPT pendant mount and ceiling mount. When ordered with the P3US universal mounting arm, includes provisions for 1.5" NPT stanchion mount and wall mount. |
| UPS, UPSPXLW XX CR | When paired with any sensor option, the sensor viewing angle will be cutoff. |
| Wet Location Cords (No Plug) | Available with YK90 only. **Not Marine or NEMA4X rated.** |
| YK90 | When used with a sensor, not rated for wet location beyond 35 degree tilt. **Not Marine rated.** |

## DIMENSIONAL DATA



UNIVERSAL MOUNT (UNM and P3US)



YOKE MOUNT 0-90° (YK90)



CEILING MOUNT (UNM)



UNIVERSAL MOUNT (UNM and P3US)
(P3US ordered separately)

Acuity Brands.  Holophane | One Lithonia Way, Conyers, GA 30012 | Phone: 866-HOLOPHANE | www.holophane.com | TechSupport-Lighting@AcuityBrands.com    PXLH

© 2019-2025 Acuity Brands Lighting, Inc. All rights reserved.    Rev. 01/13/25    Specifications subject to change without notice.    Page 3 of 10

## DIMENSIONAL DATA  (continued)

266.19mm
(10.48")
To Optic

**PENDANT MOUNT (PM)**

290.32mm
(11.43")
To Optic

303.53mm
(11.95")
WGX Option
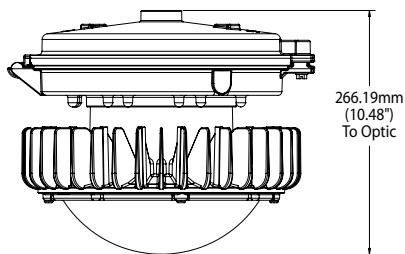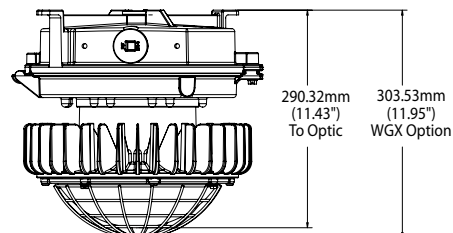
**WIRE GUARD OPTION (UNM and WGX)**

Sensor housing

248.67mm
(9.79")

333.99mm
(13.11")

249.94mm
(9.84")
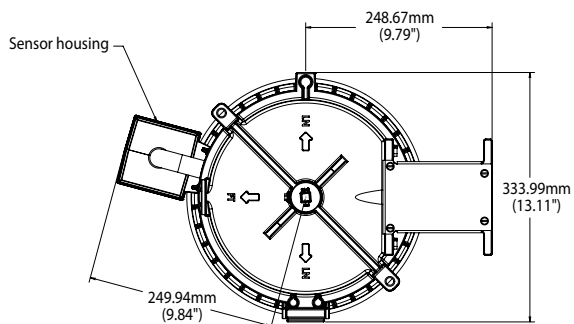
**SENSOR OPTION (UNM and P3US)**
**(P3US ordered separately)**

234.44mm
(9.23")

290.83mm
(11.45")

317.50mm
(12.50")
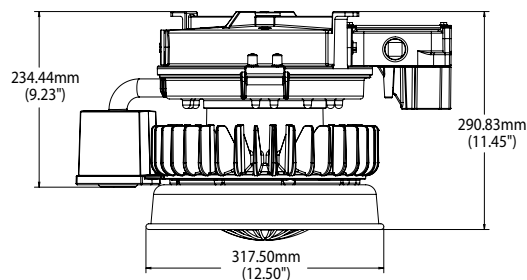
**UPLIGHT SHIELD OPTION**
**(UNM, P3US, SENSOR and UPS)**
**(P3US ordered separately)**

362.20mm
(14.26")
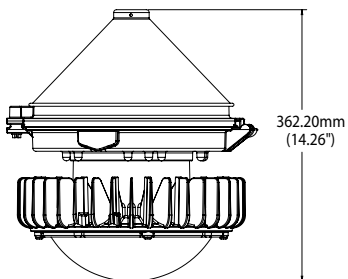
**PENDANT CONE ACCESSORY (PM and PC)**

432.82mm
(17.04")

1 1/2" NPT (with plug)
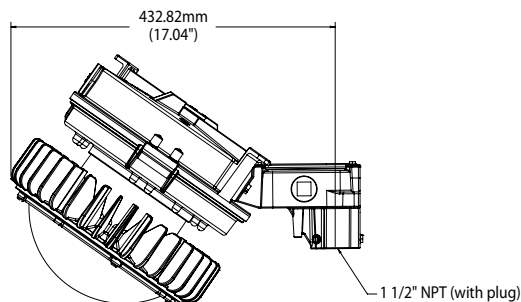
**UNIVERSAL MOUNTING (UNM and P3US35)**
**(P3US35 ordered separately)**

522.48mm
(20.56")
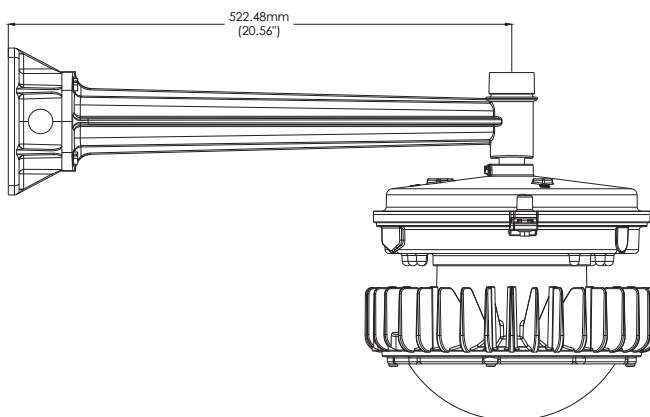
**072331 SUBSTATION ARM (PM) - AVAILABLE AS DOWN ORIENTATION ONLY**

**AcuityBrands.**    Holophane  |  One Lithonia Way, Conyers, GA 30012  |  Phone: 866-HOLOPHANE  |  www.holophane.com  |  TechSupport-Lighting@AcuityBrands.com    PXLH

© 2019-2025 Acuity Brands Lighting, Inc. All rights reserved.    Rev. 01/13/25    Specifications subject to change without notice.    Page 4 of 10

## OPERATIONAL DATA

### Performance with AO Field Adjustable Output

| FAO Setting | Base Max Lumen Output % |
|---|---|
| 1 | 35% |
| 2 | 48% |
| 3 | 61% |
| 4 | 74% |
| 5 | 87% |
| 6 | 100% |
| 7 | 100% |
| 8 | 100% |

### Number of LED Boards and Drivers Used

| Lumen Package | Number of LED boards per fixture | Number of drivers per fixture |
|---|---|---|
| 3000LM | 1 | 1 |
| 5000LM | 1 | 1 |
| 8000LM | 1 | 1 |
| 10000LM | 1 | 1 |

### Impact Resistance (IK Ratings)
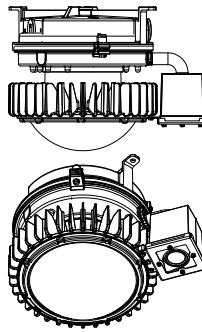
| Lens Material | Rating |
|---|---|
| Glass | IK07 |
| Silicone | IK10 |

### Projected Lumen Maintenance (TM-21)

| 25C ambient | | | | | | |
|---|---|---|---|---|---|---|
| Lumen Package | 0 Hours | 15,000 Hours | 30,000 Hours | 45,000 Hours | 60,000 Hours | 100,000 Hours |
| 3,000LM | 1 | 0.97 | 0.95 | 0.92 | 0.9 | 0.84 |
| 5,000LM | 1 | 0.97 | 0.95 | 0.92 | 0.9 | 0.84 |
| 8,000LM | 1 | 0.97 | 0.94 | 0.92 | 0.89 | 0.83 |
| 10,000LM | 1 | 0.97 | 0.95 | 0.92 | 0.9 | 0.84 |

| 55C ambient | | | | | | |
|---|---|---|---|---|---|---|
| Lumen Package | 0 Hours | 15,000 Hours | 30,000 Hours | 45,000 Hours | 60,000 Hours | 100,000 Hours |
| 3,000LM | 1 | 0.97 | 0.94 | 0.91 | 0.88 | 0.81 |
| 5,000LM | 1 | 0.97 | 0.94 | 0.91 | 0.89 | 0.82 |
| 8,000LM | 1 | 0.96 | 0.93 | 0.89 | 0.86 | 0.78 |
| 10,000LM | 1 | 0.96 | 0.93 | 0.9 | 0.87 | 0.79 |

### Embedded Luminaire Technology Guide

| Control Type | Sensor Nomenclature | Sensor Used (click on part number for sensor spec sheet) | Out of the box settings | | | | | Notes | Image |
|---|---|---|---|---|---|---|---|---|---|
| | | | Unoccupied Time Until Dim | Dim to Off Time Delay | Occupied Dim Level | Unoccupied Dim Level | Daylighting Set Point | | |
| Sensor Switch Embedded Controls | SBGR10 | SBG 10 EZ WH 0V | 5M | n/a | 100% | 0V | n/a | 360° Low mount standalone embedded sensor (8-15ft), on/off occupancy | |
| | SBGR10 D 3V | SBG 10 EZ WH 3V | 5M | n/a | 100% | 30% | n/a | 360° Low mount standalone embedded sensor (8-15ft), occupancy controlled high/low dimming, 30% min dim level | |
| | SBGR10 P | SBG 10 EZ P WH 0V 10M | 10M | n/a | 100% | 0V | 5FC | 360° Low mount standalone embedded sensor (8-15ft), on/off photocell | |
| | SBG10 OCC BTP | SBG10 BTP OCC | 10M | n/a | 10V | n/a | n/a | 360° Low mount Bluetooth embedded sensor (7-15ft), on/off occupancy, SMHB VDALI LT controller will be installed in the driver housing. | |
| | SBG10 HL BTP | SBG10 BTP HL | 10M | 2.5M | 10V | 10% | n/a | 360° Low mount Bluetooth embedded sensor (7-15ft), high/low/(off) occupancy dimming, SMHB VDALI LT controller will be installed in the driver housing. | |
| | SBG10 ADC BTP | SBG10 BTP ADC | 10M | 2.5M | 10V | 10% | 50FC | 360° Low mount Bluetooth embedded sensor (7-15ft), on/off occupancy with auto dimming photocell, SMHB VDALI LT controller will be installed in the driver housing. | |
| | SBG10 ANL BTP | SBG10 BTP ANL | 10M | n/a | 10V | 10% | 50FC | 360° Low mount Bluetooth embedded sensor (7-15ft), high/low/(off) occupancy dimming with auto dimming photocell, SMHB VDALI LT controller will be installed in the driver housing. | |

# Petrolux® LED
Hazardous Location for Demanding Environments

## Operating Characteristics ‡

| Lumens | Distribution | Input Watts ‡ | 3000K | | | 4000K | | | 5000K | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 70CRI | 80CRI | 90CRI | 70CRI | 80CRI | 90CRI | 70CRI | 80CRI | 90CRI | |
| 3000LM | FWD | 21 | 2848 | 2621 | 2166 | 2988 | 2726 | 2184 | 3110 | 2760 | 2201 | Lumens |
| | | | 136 | 125 | 103 | 142 | 130 | 104 | 148 | 131 | 105 | LPW |
| | LND | | 2698 | 2483 | 2053 | 2831 | 2583 | 2069 | 2947 | 2616 | 2086 | Lumens |
| | | | 128 | 118 | 98 | 135 | 123 | 99 | 140 | 125 | 99 | LPW |
| | MD0 | | 3034 | 2792 | 2308 | 3183 | 2904 | 2327 | 3314 | 2941 | 2346 | Lumens |
| | | | 144 | 133 | 110 | 152 | 138 | 111 | 158 | 140 | 112 | LPW |
| | MDU5 | | 3020 | 2780 | 2298 | 3169 | 2891 | 2316 | 3298 | 2928 | 2335 | Lumens |
| | | | 144 | 132 | 109 | 151 | 138 | 110 | 157 | 139 | 111 | LPW |
| | MDU5FR | | 2700 | 2485 | 2054 | 2833 | 2584 | 2071 | 2949 | 2617 | 2087 | Lumens |
| | | | 129 | 118 | 98 | 135 | 123 | 99 | 140 | 125 | 99 | LPW |
| | S0 | | 3182 | 2928 | 2421 | 3338 | 3045 | 2440 | 3475 | 3084 | 2460 | Lumens |
| | | | 152 | 139 | 115 | 159 | 145 | 116 | 165 | 147 | 117 | LPW |
| | SOLND | | 2850 | 2623 | 2168 | 2990 | 2728 | 2186 | 3113 | 2763 | 2203 | Lumens |
| | | | 136 | 125 | 103 | 142 | 130 | 104 | 148 | 132 | 105 | LPW |
| | SOWD | | 3163 | 2911 | 2406 | 3319 | 3027 | 2426 | 3454 | 3066 | 2445 | Lumens |
| | | | 151 | 139 | 115 | 158 | 144 | 116 | 164 | 146 | 116 | LPW |
| | WD | | 3098 | 2851 | 2357 | 3250 | 2965 | 2376 | 3383 | 3003 | 2395 | Lumens |
| | | | 148 | 136 | 112 | 155 | 141 | 113 | 161 | 143 | 114 | LPW |

| Lumens | Distribution | Input Watts ‡ | 3000K | | | 4000K | | | 5000K | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 70CRI | 80CRI | 90CRI | 70CRI | 80CRI | 90CRI | 70CRI | 80CRI | 90CRI | |
| 5000LM | FWD | 35 | 4851 | 4465 | 3691 | 5090 | 4643 | 3720 | 5298 | 4703 | 3750 | Lumens |
| | | | 139 | 128 | 105 | 145 | 133 | 106 | 151 | 134 | 107 | LPW |
| | LND | | 4597 | 4230 | 3497 | 4822 | 4399 | 3525 | 5020 | 4456 | 3553 | Lumens |
| | | | 131 | 121 | 100 | 138 | 126 | 101 | 143 | 127 | 102 | LPW |
| | MD0 | | 5169 | 4757 | 3932 | 5423 | 4947 | 3964 | 5645 | 5011 | 3996 | Lumens |
| | | | 148 | 136 | 112 | 155 | 141 | 113 | 161 | 143 | 114 | LPW |
| | MDU5 | | 5146 | 4735 | 3914 | 5398 | 4925 | 3946 | 5619 | 4988 | 3978 | Lumens |
| | | | 147 | 135 | 112 | 154 | 141 | 113 | 161 | 143 | 114 | LPW |
| | MDU5FR | | 4600 | 4233 | 3499 | 4826 | 4402 | 3527 | 5023 | 4459 | 3556 | Lumens |
| | | | 131 | 121 | 100 | 138 | 126 | 101 | 144 | 127 | 102 | LPW |
| | S0 | | 5421 | 4988 | 4124 | 5687 | 5188 | 4157 | 5920 | 5254 | 4190 | Lumens |
| | | | 155 | 143 | 118 | 162 | 148 | 119 | 169 | 150 | 120 | LPW |
| | SOLND | | 4856 | 4468 | 3694 | 5094 | 4647 | 3724 | 5303 | 4707 | 3754 | Lumens |
| | | | 139 | 128 | 106 | 146 | 133 | 106 | 152 | 134 | 107 | LPW |
| | SOWD | | 5389 | 4959 | 4099 | 5653 | 5157 | 4133 | 5885 | 5224 | 4166 | Lumens |
| | | | 154 | 142 | 117 | 162 | 147 | 118 | 168 | 149 | 119 | LPW |
| | WD | | 5278 | 4857 | 4015 | 5537 | 5051 | 4047 | 5764 | 5116 | 4080 | Lumens |
| | | | 151 | 139 | 115 | 158 | 144 | 116 | 165 | 146 | 117 | LPW |

| Lumens | Distribution | Input Watts ‡ | 3000K | | | 4000K | | | 5000K | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 70CRI | 80CRI | 90CRI | 70CRI | 80CRI | 90CRI | 70CRI | 80CRI | 90CRI | |
| 8000LM | FWD | 58 | 7750 | 7132 | 5896 | 8131 | 7417 | 5943 | 8463 | 7513 | 5991 | Lumens |
| | | | 134 | 123 | 102 | 140 | 128 | 102 | 146 | 130 | 103 | LPW |
| | LND | | 7344 | 6758 | 5586 | 7704 | 7028 | 5632 | 8019 | 7118 | 5677 | Lumens |
| | | | 127 | 117 | 96 | 133 | 121 | 97 | 138 | 123 | 98 | LPW |
| | MD0 | | 8258 | 7599 | 6282 | 8663 | 7903 | 6333 | 9018 | 8005 | 6384 | Lumens |
| | | | 142 | 131 | 108 | 149 | 136 | 109 | 155 | 138 | 110 | LPW |
| | MDU5 | | 8220 | 7564 | 6253 | 8623 | 7867 | 6304 | 8976 | 7968 | 6354 | Lumens |
| | | | 142 | 130 | 108 | 149 | 136 | 109 | 155 | 137 | 110 | LPW |
| | MDU5FR | | 7348 | 6762 | 5590 | 7709 | 7033 | 5635 | 8025 | 7123 | 5680 | Lumens |
| | | | 127 | 117 | 96 | 133 | 121 | 97 | 138 | 123 | 98 | LPW |
| | S0 | | 8660 | 7969 | 6588 | 9085 | 8288 | 6641 | 9457 | 8394 | 6694 | Lumens |
| | | | 149 | 137 | 114 | 157 | 143 | 115 | 163 | 145 | 115 | LPW |
| | SOLND | | 7757 | 7139 | 5901 | 8138 | 7424 | 5949 | 8471 | 7519 | 5996 | Lumens |
| | | | 134 | 123 | 102 | 140 | 128 | 103 | 146 | 130 | 103 | LPW |
| | SOWD | | 8609 | 7922 | 6549 | 9031 | 8239 | 6602 | 9401 | 8345 | 6655 | Lumens |
| | | | 148 | 137 | 113 | 156 | 142 | 114 | 162 | 144 | 115 | LPW |
| | WD | | 8432 | 7759 | 6414 | 8845 | 8069 | 6466 | 9208 | 8173 | 6518 | Lumens |
| | | | 145 | 134 | 111 | 153 | 139 | 111 | 159 | 141 | 112 | LPW |

| Notes ‡ | |
|---|---|
| Input Watts | 120 volts. |
| Operating Characteristics | Absolute photometry calculated in accordance with IESNA LM-79-08 @ 25℃. |

Holophane | One Lithonia Way, Conyers, GA 30012 | Phone: 866-HOLOPHANE | www.holophane.com | TechSupport-Lighting@AcuityBrands.com

PXLH

© 2019-2025 Acuity Brands Lighting, Inc. All rights reserved. Rev. 01/13/25 Specifications subject to change without notice.

Page 6 of 10

## Operating Characteristics ‡

| Lumens | Distribution | Input Watts ‡ | 3000K | | | 4000K | | | 5000K | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 70CRI | 80CRI | 90CRI | 70CRI | 80CRI | 90CRI | 70CRI | 80CRI | 90CRI | |
| 10000LM | FWD | 74 | 9796 | 9014 | 7452 | 10276 | 9375 | 7512 | 10697 | 9495 | 7572 | Lumens |
| | | | 132 | 122 | 101 | 139 | 127 | 102 | 145 | 128 | 102 | LPW |
| | LND | | 9281 | 8541 | 7061 | 9737 | 8883 | 7118 | 10136 | 8997 | 7175 | Lumens |
| | | | 125 | 115 | 95 | 132 | 120 | 96 | 137 | 122 | 97 | LPW |
| | MD0 | | 10437 | 9605 | 7940 | 10950 | 9989 | 8004 | 11398 | 10117 | 8068 | Lumens |
| | | | 141 | 130 | 107 | 148 | 135 | 108 | 154 | 137 | 109 | LPW |
| | MDU5 | | 10389 | 9561 | 7904 | 10899 | 9943 | 7967 | 11345 | 10071 | 8031 | Lumens |
| | | | 140 | 129 | 107 | 147 | 134 | 108 | 153 | 136 | 109 | LPW |
| | MDU5FR | | 9287 | 8547 | 7065 | 9743 | 8889 | 7122 | 10142 | 9003 | 7179 | Lumens |
| | | | 126 | 116 | 95 | 132 | 120 | 96 | 137 | 122 | 97 | LPW |
| | S0 | | 10945 | 10072 | 8326 | 11482 | 10475 | 8393 | 11952 | 10609 | 8461 | Lumens |
| | | | 148 | 136 | 113 | 155 | 142 | 113 | 162 | 143 | 114 | LPW |
| | SOLND | | 9804 | 9022 | 7458 | 10285 | 9383 | 7519 | 10707 | 9504 | 7579 | Lumens |
| | | | 132 | 122 | 101 | 139 | 127 | 102 | 145 | 128 | 102 | LPW |
| | SOWD | | 10881 | 10013 | 8277 | 11415 | 10413 | 8344 | 11882 | 10547 | 8411 | Lumens |
| | | | 147 | 135 | 112 | 154 | 141 | 113 | 161 | 143 | 114 | LPW |
| | WD | | 10657 | 9807 | 8107 | 11180 | 10199 | 8172 | 11637 | 10330 | 8238 | Lumens |
| | | | 144 | 133 | 110 | 151 | 138 | 110 | 157 | 140 | 111 | LPW |

| Notes ‡ | |
|---|---|
| Input Watts | 120 volts. |
| Operating Characteristics | Absolute photometry calculated in accordance with IESNA LM-79-08 @ 25℃. |

## Ambient Temperature Ratings

| Mounting | OCC Sensor: SBGR | BTP Sensor: SBG BTP | Battery: BSL310HAZSB | Voltage | Lumens | | | | Supply Wire |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 3000LM | 5000LM | 8000LM | 10000LM | |
| PM UNM YK90 | N | N | N | Any | -40℃ to 65℃ | -40℃ to 65℃ | -40℃ to 60℃ | -40℃ to 55℃ | 90℃ |
| | | | Y | 120-277 | 0℃ to 40℃ | 0℃ to 40℃ | 0℃ to 35℃ | 0℃ to 35℃ | 90℃ |
| | | Y | N | Any | -40℃ to 60℃ | -40℃ to 60℃ | -40℃ to 60℃ | -40℃ to 55℃ | 90℃ |
| | Y | N | N | Any | -40℃ to 65℃ | -40℃ to 65℃ | -40℃ to 60℃ | -40℃ to 55℃ | 90℃ |
| | | | Y | 120-277 | 0℃ to 40℃ | 0℃ to 40℃ | 0℃ to 35℃ | 0℃ to 35℃ | 90℃ |

## LAT Factors

| Temp (℃) | Temp (℉) | 3000 LM | 5000 LM | 8000 LM | 10000 LM |
|---|---|---|---|---|---|
| -40 | -4 | 1.075 | 1.082 | 1.092 | 1.101 |
| -30 | 14 | 1.065 | 1.071 | 1.080 | 1.087 |
| -20 | -4 | 1.055 | 1.059 | 1.066 | 1.072 |
| -10 | 14 | 1.043 | 1.047 | 1.053 | 1.057 |
| 0 | 32 | 1.032 | 1.034 | 1.038 | 1.042 |
| 5 | 41 | 1.026 | 1.028 | 1.031 | 1.034 |
| 15 | 59 | 1.013 | 1.014 | 1.016 | 1.017 |
| 25 | 77 | 1.000 | 1.000 | 1.000 | 1.000 |
| 35 | 95 | 0.986 | 0.985 | 0.984 | 0.982 |
| 45 | 113 | 0.972 | 0.970 | 0.967 | 0.964 |
| 55 | 131 | 0.957 | 0.954 | 0.949 | 0.945 |
| 65 | 149 | 0.942 | 0.938 | 0.931 | 0.925 |

Holophane | One Lithonia Way, Conyers, GA 30012 | Phone: 866-HOLOPHANE | www.holophane.com | TechSupport-Lighting@AcuityBrands.com

PXLH
Page 7 of 10

## Temperature Ratings - T Codes

### Glass Lens (FWD, LND, MD0, MDU5, MDU5FR, WD)

| 40C˚ Ambient | | | |
|---|---|---|---|
| Lumen Package | C1D2 | C2D1/C2D2/C3 | Simultaneous C1 and C2 |
| 3000LM | T4 | T6 | T3 |
| 5000LM | T4 | T6 | T2C |
| 8000LM | T4 | T6 | T3 |
| 10000LM MVOLT | T2C | T6 | T3 |
| 10000LM HVOLT | T2 | T4 | T2C |

| 60C˚ Ambient | | | |
|---|---|---|---|
| Lumen Package | C1D2 | C2D1/C2D2/C3 | Simultaneous C1 and C2 |
| 3000LM | T4 | T6 | T2C |
| 5000LM | T3A | T6 | T2C |
| 8000LM | T4 | T6 | T2C |
| 10000LM MVOLT | N/A | N/A | N/A |
| 10000LM HVOLT | N/A | N/A | N/A |

| 55C˚ Ambient | | | |
|---|---|---|---|
| Lumen Package | C1D2 | C2D1/C2D2/C3 | Simultaneous C1 and C2 |
| 3000LM | T3C | T6 | T2D |
| 5000LM | T3 | T6 | T2D |
| 8000LM | T3C | T6 | T2D |
| 10000LM MVOLT | T3 | T6 | T2D |
| 10000LM HVOLT | T2A | T3C | T2 |

| 65C˚ Ambient | | | |
|---|---|---|---|
| Lumen Package | C1D2 | C2D1/C2D2/C3 | Simultaneous C1 and C2 |
| 3000LM | T3C | T6 | T2C |
| 5000LM | T3A | T6 | T2C |
| 8000LM | N/A | N/A | N/A |
| 10000LM MVOLT | N/A | N/A | N/A |
| 10000LM HVOLT | N/A | N/A | N/A |

### Silicone Lens (SO, SOLND, SOWD)

| 40C˚ Ambient | | | |
|---|---|---|---|
| Lumen Package | C1D2 | C2D2/C3 | Simultaneous C1 and C2 |
| 3000LM | T4 | T6 | T2A |
| 5000LM | T4 | T6 | T2A |
| 8000LM | T4 | T6 | T2A |
| 10000LM MVOLT | T2C | T6 | T2A |
| 10000LM HVOLT | T2 | T6 | T2A |

| 60C˚ Ambient | | | |
|---|---|---|---|
| Lumen Package | C1D2 | C2D2/C3 | Simultaneous C1 and C2 |
| 3000LM | T4 | T5 | T2 |
| 5000LM | T3A | T5 | T2 |
| 8000LM | T4 | T5 | T2 |
| 10000LM MVOLT | N/A | N/A | N/A |
| 10000LM HVOLT | N/A | N/A | N/A |

| 55C˚ Ambient | | | |
|---|---|---|---|
| Lumen Package | C1D2 | C2D2/C3 | Simultaneous C1 and C2 |
| 3000LM | T3C | T5 | T2 |
| 5000LM | T3 | T5 | T2 |
| 8000LM | T3C | T5 | T2 |
| 10000LM MVOLT | T3 | T5 | T2 |
| 10000LM HVOLT | T2A | T5 | T2 |

| 65C˚ Ambient | | | |
|---|---|---|---|
| Lumen Package | C1D2 | C2D2/C3 | Simultaneous C1 and C2 |
| 3000LM | T3C | T4A | T1 |
| 5000LM | T3A | T4A | T1 |
| 8000LM | N/A | N/A | N/A |
| 10000LM MVOLT | N/A | N/A | N/A |
| 10000LM HVOLT | N/A | N/A | N/A |

### Emergency Lumen Output

**How to Estimate Delivered Lumens in Emergency Mode**
Use the formula below to estimate the delivered lumens in emergency mode
**Delivered Lumens = P x LPW**
P = Output power of emergency driver
LPW = Lumen per watt rating of the luminaire. (See charts on page 7)
The LPW rating is also available at Designlight Consortium

P = 10 watts for BSL310HAZSB

### Emergency Lumen Output Example - 10 Watt Battery

| Approximate Luminaire Efficacy | Approximate Lumens at 1 Minute | Approximate Lumens at 45 Minutes | Approximate Lumens at 90 Minutes |
|---|---|---|---|
| 100 LPW | 1000 | 1000 | **1000** |
| 110 LPW | 1100 | 1100 | **1100** |
| 120 LPW | 1200 | 1200 | **1200** |
| 130 LPW | 1300 | 1300 | **1300** |
| 140 LPW | 1400 | 1400 | **1400** |
| 150 LPW | 1500 | 1500 | **1500** |

## Hazardous Compatibility

| Option Group | Options | Class I, Division 2 | Class II, Division 1 | Class II, Division 2 | Class III |
|---|---|---|---|---|---|
| Distribution | FWD, MD0, MDU5, MDU5FR, LND, WD | YES | YES | YES | YES |
| | SO, SOLND, SOWD | YES | NO | YES | YES |
| Mounting | PM, UNM, YK90 | YES | YES | YES | YES |
| Finish | DBXD, DGXD, DWHXD | YES | YES | YES | YES |
| Cordsets | Any Cordset | YES | YES | YES | YES |
| Individual Sensors | SBGR10, SBGR10 P, SBGR10 D 3V | NO | NO | YES | YES |
| Bluetooth Sensors | SBG10 OCC BTP, SBG10 HL BTP, SBG10 ADC BTP, SBG10 ANL BTP | YES | NO | YES | YES |
| Emergency | BSL310HAZSB | YES | YES | YES | YES |
| Options | A0 | NO | YES | YES | YES |
| | BP | YES | NO | YES | YES |
| | EMD | YES | YES | YES | YES |
| | NSG | YES | NO | NO | NO |
| | PC, PCPXLW | YES | YES | YES | YES |
| | UPS, UPSPXLW | YES | YES | YES | YES |
| | WGX, WGPXLW | YES | YES | YES | YES |
| Mounting Accessories | 072331, 072331CTL | YES | NO | YES | YES |
| | P3US, P3US35 | YES | NO | YES | YES |

## Marine/NEMA4X Compatibility

| Option Group | Options | Marine | NEMA4X |
|---|---|---|---|
| Distribution | FWD, MD0, MDU5, MDU5FR, LND, WD | YES | YES |
| | SO, SOLND, SOWD | NO | NO |
| Mounting | PM, UNM | YES | YES |
| | YK90 | NO | YES |
| Finish | DBXD | NO | NO |
| | DGXD | YES | YES |
| | DWHXD | YES | NO |
| Cordsets | Any Cordset | NO | NO |
| Individual Sensors | SBGR10, SBGR10 P, SBGR10 D 3V | NO | NO |
| Bluetooth Sensors | SBG10 OCC BTP, SBG10 HL BTP, SBG10 ADC BTP, SBG10 ANL BTP | NO | NO |
| Emergency | BSL310HAZSB | NO | NO |
| Photocontrol | BP | NO | NO |
| Options | A0 | YES | YES |
| | EMD | YES | YES |
| | NSG | NO | NO |
| | PC, PCPXLW | NO | NO |
| | UPS, UPSPXLW | YES | YES |
| | WGX, WGPXLW | YES | YES |
| Mounting Accessories | 072331, 072331CTL | YES | NO |
| | P3US, P3US35 | NO | NO |

AcuityBrands. | Holophane | One Lithonia Way, Conyers, GA 30012 | Phone: 866-HOLOPHANE | www.holophane.com | TechSupport-Lighting@AcuityBrands.com | PXLH

© 2019-2025 Acuity Brands Lighting, Inc. All rights reserved.   Rev. 01/13/25   Specifications subject to change without notice.   Page 9 of 10

## Zone Equivalency Markings

| | |
|---|---|
| CLASS I, DIV 2, GROUP D | CLASS I, ZONE 2 GROUP IIA |
| CLASS I, DIV 2, GROUP C | CLASS I, ZONE 2 GROUP IIB |
| CLASS I, DIV 2, GROUP B | CLASS I, ZONE 1 GROUP IIB PLUS HYDROGEN |
| CLASS I, DIV 2, GROUP A & CLASS I, DIV 2, GROUP B | CLASS I, ZONE 2 GROUP IIC |
| CLASS II, DIV. 1 GROUP E, F, OR G | CLASS II, ZONE 20 AND ZONE 21 |
| CLASS II, DIV. 2, GROUP F OR G | CLASS II, ZONE 22 |
| CLASS III | N/A |

## Options and Accessories



**SBGR Sensor**



**SBG BTP Sensor and BTP Smarthub Control Module**



**AO Adjustable Output**



**PM Pendant Mount**



**UNM Universal Mount and WGX Wire Guard**



**YK90 Yoke Mount**

AcuityBrands.

Holophane | One Lithonia Way, Conyers, GA 30012 | Phone: 866-HOLOPHANE | www.holophane.com | TechSupport-Lighting@AcuityBrands.com

© 2019-2025 Acuity Brands Lighting, Inc. All rights reserved.    Rev. 01/13/25    Specifications subject to change without notice.

PXLH

Page 10 of 10