

Phuzion[™]

PHG LED High Bay









Catalog Number

Notes

Description

The PHG LED luminaire is designed for light industrial applications where environments are less extreme, but comfortable, uniform lighting and dependable performance are still highly desired. Typical applications include manufacturing, warehouses, automotive, retail, food storage and gymnasiums. Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. <u>Click here for Acrylic-Polycarbonate Compatibility table for suitable uses</u>. 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. <u>Click here for a list of substances that may</u> **not be suitable for interaction with LEDs and other**

Optics

electronic components.

- One-piece prismatic borosilicate glass reflector and refractor offer the highest levels of uniformity and glare-free performance in its class. Refractor protects LEDs from unwanted dust, helping to maintain delivered lumens.
- Borosilicate glass won't fade and offer the highest levels of luminosity over time.
- IP65 rated refractor protects LEDs from unwanted dust helps maintain delivered lumens.
- Prismatic acrylic available for food storage areas or where glass is not preferred.
- Prismpack[®] optic: Prismatic borosilicate optic with sealed aluminum cover to minimize dirt accumulation and improve optical efficiency. Use when uplight is not desired or required.
 Mechanical

Mechanica

- Hands free wiring design allows for quick and easy installations.
- Open ventilated design naturally pulls heat up and away from luminaire, extending the life of critical components.
- Robust cast aluminum heat sink (0.6% CU content) and offset aluminum electrical compartment maximize thermal performance.
- Super durable TGIC thermoset powder coat finish provides 1500 hours salt fog rating.

Electrical

- 0-10V dimming driver is standard. Dims to 10%.
- Fault-tolerant LED light engine.
- XVOLT is an optional robust driver solution designed to assist with power quality issues and a dropped neutral in 277V input as derived from 480V Wye. Supports 277-480V; 6kV surge rated.

Typical Applications

- Light Manufacturing
- Warehousing
- Retail
- Food StorageAutomotive
- Gymnasium

- Standard Surge Protection Level: Designed to withstand up to 6kV/3kA per ANSI C82.77-5-2015.
- Optional Surge Protection Level: Designed to withstand up to 10kV/10kA per ANSI C82.77-5-2015, provided when ordered with any controls, emergency battery or when SPD is specified in the nomenclature.
- CCT: 3000K, 3500K, 4000K, 5000K.
- CRI: 70CRI, 80CRI & 90CRI.
- Dynamic temperature sensing is standard to protect the electronic components in the event the maximum operating ambient temperature is exceeded.

Wireless Networking

nLight® AIR is the ideal solution for retrofit or new construction spaces where additional wiring can be labor intensive. It is available with or without an integral sensor. Integrated smart sensors or dimming and switching modules must be part of each luminaire in the nLight Air network, which can be grouped to control multiple luminaires. It pairs to other luminaires and wall switches through our mobile app. CLAIRITY PRO, which allows for simple sensor adjustment. The granularity of control with the digital PIR occupancy detection and daylight sensing makes this a great solution for any application.

Listings

- CSA Certified to meet US and Canadian standards.
- Suitable for use damp locations.
- -40°F (-40°C) up to 131°F (55°C) (see chart on page 6)
- NOM certified.
- 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 <u>www.designlights.org/QPL</u> to confirm which versions are qualified.

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: <u>www.</u> <u>acuitybrands.com/support/warranty/terms-and-conditions</u>

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.

Specifications subject to change without notice.

Standard 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 <u>www.acuitybrands.com/aplus</u>.

*See ordering tree for details



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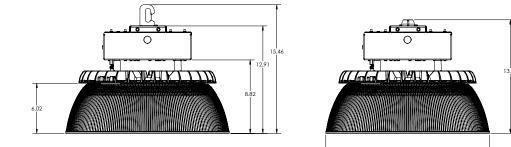
Dimensions: Inches (millimeters) unless otherwise noted. Diameter: 19.8" Height: 12.65" Weight: Glass 29 lbs., Acrylic 17 lbs. Emergency Internal: Add 10.5 lbs.

Туре

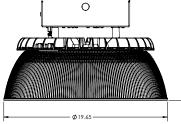
PHG LED High Bay



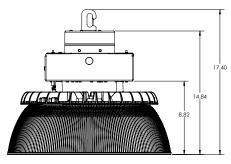
DIMENSIONAL DATA



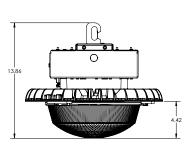
WHK Mounting (Wire Hook)



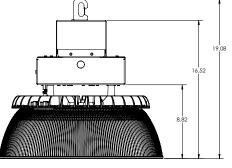
PM Mounting (Pendant)



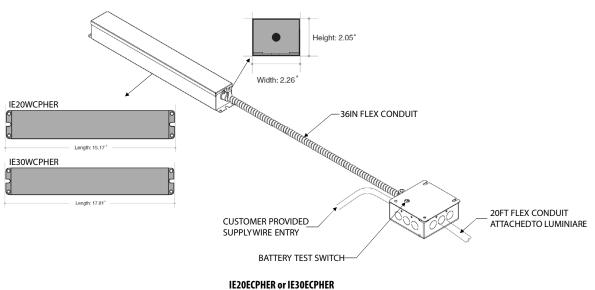
WHK Mounting (36000LM and E10WMCP or E15WMCP options) Top Battery Box



WHK Mounting (NGLR, MGLR, WGLR, **MALR options) No Reflector**



WHK Mounting (IE20WCPHE or **IE30WCPHE options)** Top Battery Box



Remote Emergency Batteries

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A+ Capable options indicated by this color background.

ORDERING INFORMATION[‡]

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Example: PHG 24000LM SEF NGG MVOLT 40K 80CRI WHK MISC DWHXD

| Series | Lumens ‡ | P | Perfori | mance package | Optical <i>I</i> | Assembly | | | Voltage | |
|--------|---|---|---------|---|--|--|---|---|---|---|
| PHG | 9000LM 9,000 no 12000LM 12,000 no 12000LM 12,000 no 15000LM 12,000 no 18000LM 18,000 no 18000LM 24,000 no 24000LM 24,000 no 26000LM 26,000 no 1umens 30,000 no 36000LM 36,000 no 1umens 36,000 no | ominal H ominal ominal ominal ominal F ominal | | Standard efficiency High efficiency | NGG MGG WGG NGGFR WGGFR NAA WAA NGA MGA WGA | Narrow glass refractor and glass reflector Medium glass refractor and glass reflector Wide glass refractor and glass reflector Frosted narrow glass refractor and glass reflector Frosted medium glass refractor and glass reflector Frosted wide glass refractor and glass reflector Narrow acrylic refractor and acrylic reflector Wide acrylic refractor and acrylic reflector Narrow glass refractor and acrylic reflector Medium glass refractor and acrylic reflector Medium glass refractor and acrylic reflector Wide glass refractor and acrylic reflector | NGAFR MGAFR WGAFR NGLR WGLR MALR NGGAL WGGAL | Frosted narrow glass refractor and acrylic reflector Frosted medium glass refractor and acrylic reflector Frosted narrow glass refractor and acrylic reflector Narrow glass refractor, no reflector Medium glass refractor, no reflector Wide glass refractor, no reflector Medium acrylic refractor, no reflector Prismpack® Narrow glass reflector Prismpack® Narrow glass reflector Prismpack® Medium glass reflector With aluminum cover and glass refractor Prismpack® Medium glass reflector With aluminum cover and glass refractor Prismpack® Wide glass reflector with aluminum cover and glass refractor | MVOLT 120 208 240 277 HVOLT 347 480 XVOLT 277X 347X 480X | Auto sensing (120- 277V, 50/60Hz) 120V, 50/60Hz 208V, 50/60Hz 240V, 50/60Hz Auto sensing (347- 480V, 50/60Hz) 480V, 50/60Hz ‡ 480V, 50/60Hz ‡ 277V, XV0LT driver, 50/60Hz ‡ 480V, XV0LT Driver, 50/60Hz ‡ |

| Color temp | erature | Color rendering index | Mount | ting | Options | | | |
|---------------|------------------------|-----------------------|-------|--|--------------------------|---|---|--|
| 30K | 3000K CCT | 70CRI | WHK | Wire hook | Non-Dimming Sen | sors: ‡ | nLight® Wired: ‡ | |
| 35K | | 80CRI | РМ | Pendant 3/4" female | LSXR6 | 360° High Mount PIR Sensor, (15-45' mounting heights), on/off occupancy (LINK) | NPP16 D | nLight [®] wired power/relay pack, 0-10VDC dimming output (<u>LINK</u>) |
| 40K 50K | 4000K CCT 5000K CCT | 90CRI | QD | Quick | LSXR10 | 360° Low Mount PIR Sensor, (7-15' mounting heights), on/off occupancy (LINK) | nLight® Air Wireless: NLTAIR2 RLSXR6 | nLight® Air Generation 2 enabled, 360° high |
| | Sooncer | | NDT | disconnect ‡ Non-disconnect | LSXR50 | High Mount Aisleway PIR Sensor, (40' mounting height, detects 50' in either | NLTAIR2 RLSXR6 EM | mount sensor, (15 to 45' heights) (LINK) ‡ nLight [®] Air Generation 2 enabled, 360° high |
| | | | OR | thru-wire ‡ Ouick disconnect | LSXR6 P | direction), on/off occupancy (<u>LINK</u>) 360° High Mount PIR Sensor, (15–45' mounting | | mount sensor, (15 to 45' heights), UL 924 Emergency Operation via power interrupt |
| | | | QK | retrofit ‡ | LSXR10 P | heights), on/off switching photocell (LINK) 360° Low Mount PIR Sensor, (7-15' mounting | | detection (not available with battery pack) (LINK) ‡ |
| | | | NR | Non-disconnect retrofit ‡ | | heights), on/off switching photocell (LINK) | NLTAIR2 RLSXR6 ER | nLight [®] Air Generation 2 enabled, 360° high mount sensor, (15 to 45' heights), UL 924 |
| | | | AC10 | 10' aircraft cables (ships as pair) | LSXR50 P | High Mount Aisleway PIR Sensor, (40' mounting height, detects 50' in either direction), on/off switching photocell (LINK) | | Emergency Operation utilizing lota ETS (not available with battery pack) (LINK) ‡ |
| | | | AC20 | | Dimming Sensors: | ŧ | NLTAIR2 RLSXR10 | nLight [®] Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights) (LINK) ‡ |
| | | | | (ships as pair) | LSXR6 HL | 360° High Mount PIR Sensor, (15-45' mounting heights), high/low/off occupancy operation (LINK) | NLTAIR2 RLSXR10 EM | nLight [®] Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights), UL 924 |
| | | | | | LSXR10 HL | 360° Low Mount PIR Sensor, (7-15' mounting heights), high/low/off occupancy operation (LINK) | | Emergency Operation via power interrupt detection (not available with battery pack) (LINK) ‡ |
| | | | | | LSXR50 HL | High Mount Aisleway PIR Sensor, (40' mounting height, detects 50' in either direction), high/low/off occupancy operation (LINK) | NLTAIR2 RLSXR10 ER | nLight® Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights), UL 924 Emergency Operation utilizing lota ETS (not available with battery pack) (LINK) ‡ |
| | | | | | <u>Bluetooth® Sensor</u> | <u>s:</u> ‡ | NLTAIR2 RIO | nLight [®] Air Generation 2 enabled, fixture embedded, 0-10V dimming output (LINK) ‡ |
| | | | | | | 360° High Mount Sensor, (10-40' mounting heights), on/off occupancy, utilizes smart hub for Bluetooth® programmability, low temp/ high humidity (LINK) | NLTAIR2 RIO ER | nLight® Air Generation 2 enabled, fixture embedded, 0-10V dimming output, UL 924 Emergency Operation utilizing lota ETS (not available with battery pack) (LINK) ‡ |
| | | | | | LSX45 HL BTP LT | 360° High Mount Sensor, (10-40' mounting heights), high/low/(off) occupancy dimming, utilizes smart hub for Bluetooth® | NLTAIR2 RPP20 D | nLight [®] air Generation 2 enabled, power/ relay pack, 0-10V dimming output (LINK) ‡ |
| | | | | | | programmability, low temp/high humidity (LINK) | NLTAIR2 RPP20 D EM | nLight® air Generation 2 enabled, power/ relay pack, 0-10V dimming output, UL924 EM operation via power interrupt detection |
| | | | | | LSX45 ADC BTP LT | 360° High Mount Sensor, (10-40' mounting heights), on/off occupancy with auto dimming photocell, utilizes smart hub for Bluetooth® programmability, low temp/high humidity | NLTAIR2 RPP20 D ER | (not available with battery pack) (LINK) ‡ nLight [®] Air Generation 2 enabled, power/ relay pack, 0-10V dimming output, UL 924 |
| | | | | | | (<u>LINK</u>) | | Emergency Operation utilizing lota ETS (not available with battery pack) (LINK) ‡ |
| | | | | | LON4O AINL BIP LI | 360° High Mount Sensor, (10-40' mounting heights), high/low/(off) occupancy dimming with auto dimming photocell, utilizes smart hub for Bluetooth® programmability, low temp/high humidity (LINK) | <u>Other Controls:</u> AO | Adjustable output (step dimming) ‡ |



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ORDERING INFORMATION (cont'd.) **‡**



Т

| Options (con | tinued) | | | Finish | |
|------------------------|---|-----------------|---|--------|----------------------------|
| | n Cord Sets: ‡ | Emergency: | | DGXD | Gray, super |
| CPSB16W | Cord with 15-amp NEMA straight blade plug, 16-gauge, 3 conductors, white, 6ft (120V only) ‡ | E10WMCP | Power Sentry® PS1055MCP, 10 watt internal constant power emergency driver, self-diagnostic, 5°C min, UL924 Compliant, Certified in CA Title 20 | DWUVD | durable |
| CPTL16W | Cord with 15-amp NEMA twist lock plug, 16-gauge, 3 conductors, | | MAEDBS (120-277) (LINK) ‡ | DWHXD | White, super durable |
| | white, 6ft (120-277V only) ‡ | E15WMCP | Power Sentry® PS1555MCP, 15 watt internal constant power emergency | DNXD | Satin nickel, |
| CPIL20A16W | Cord with 20-amp NEMA twist lock plug, 16-gauge, 3 conductors, white, 6ft (120-480V) ‡ | | driver, self-diagnostic, 5° C min, UL924 Compliant, Certified in CA Title 20 MAEDBS (120-277V) (LINK) ‡ | | super durable |
| *see page 8 fo | or additonal cord set options. | IE20WCPHE | IOTA® ILBHI CP20 HE SD HV B, 20 watt internal constant power emergency | DBXD | Black, super |
| _ | | | driver, self-diagnostic, 0° C min, UL924 Compliant, Certified in CA Title 20 MAEDBS, (347-480V) (LINK) ‡ | DCDVD | durable |
| Damp Locatio CNP16W | <u>n Cords (no plug)</u> : ‡ Cord only, 16-gauge, 3 conductors, white, 6ft | IE30WCPHE | IOTA® ILBHI CP30 HE SD HV B, 30 watt internal constant power emergency | DGRXD | Graphite, super durable |
| CNP16W CNP16 | Cord only, 16-gauge, 3 conductors, while, ort Cord only, 16-gauge, 3 conductors, black, 6ft | | driver, self-diagnostic, 0° C min, UL924 Compliant, Certified in CA Title 20 | | super durable |
| CNP164CW | Cord only, 16-gauge, 4 conductors, white, 6ft ‡ | IE20WCPHER | MAEDBS, (347-480V) (LINK) ‡ IOTA® ILBLP CP20 HE SD HV S, 20 watt remote constant power emergency | | |
| CNP164C | Cord only, 16-gauge, 4 conductors, black, 6ft ‡ | IEZUWURIEN | driver, self-diagnostic, 0° C min, UL924 Compliant, Certified in CA Title 20 | | |
| CNP165CDW | Cord only, 16-gauge, 5 conductors, includes 0-10V dimming leads, white, 6ft ‡ | | MAEDBS (120-277) (<u>LINK</u>) ‡ | | |
| CNP165CD | Cord only, 16-gauge, 5 conductors, includes 0-10V dimming leads, | IE30WCPHER | IOTA® ILBLP CP30 HE SD HV S 30 watt remote constant power emergency driver, self-diagnostic, 0° C min, UL924 Compliant, Certified in CA Title 20 | | |
| | black, 6ft ‡ | | MAEDBS (120-277V) (LINK) ‡ | | |
| CNP165CW | Cord only, 16-gauge, 5 conductors for use with ER controls or ETS option with 2 power sources, white, 6ft ‡ | IE18WCPHECW | IOTA® ILB CP18 HE CW 1LA, 18 watt internal constant power emergency | | |
| CNP165C | Cord only, 16-gauge, 5 conductors for use with ER controls or ETS | | driver, cold weather, -20° C min, UL924 compliant, Certified in CA Ťitle 20 MAEDBS (120-277) (LINK) ‡ | | |
| | option with 2 power sources, black, 6ft ‡ | ETS | IOTA® ETS DR, Automatic load control relay device (ALCR) for UL924 | | |
| *see page 8 fo | or additonal cord options. | Hooks: ‡ | compliance when using an auxiliary generator or central inverter (LINK) ‡ | | |
| UPH Cord Sets | x + | HKM455 | 34″ aluminum male safety hook (PF-455) | | |
| РНСВ | Cord with locking plug for use with power hook (UPH) only, 16-guage, 3 | HKMAR | 34" male anti-rotational hook (PF-129) | | |
| PHCBL8480 | conductors, white, 2ft (120-347V only), includes LPMD loop | HKMD | 34" male safety hook (PF-121-A) | | |
| PHCBL8480 | Cord with locking plug for use with power hook (UPH) only, 16-guage, 3 conductors, white, 2ft (480V only), includes LPMD loop | LPMD | ¾″ male loop (PF-105-B) | | |
| | · · · · · | Other Options: | | | |
| UPH Hangers: UPH35 | | 2PA | 72 Inch stainless steel safety chain attached in two places, factory | | |
| UPH35 UPH36 | Thru-way powerhook for use with PHCB, surface mount Thru-way powerhook for use with PHCB, pendant mount | GRR | installed ‡ Rod and ring optic assembly ‡ | | |
| 011150 | nia naj ponemoskio ase man neb, pendant modite | NSG | Non-silicone gasket (EPDM) | | |
| Modular Wirir | | SCKX | X Inch stainless steel safety chain, factory installed ‡ | | |
| OCS | Reloc [®] One Pass circuit selector drop cable, 18-gauge, 3 conductors, 6ft (LINK) ‡ | SPD | Secondary surge device, 10kV ‡ | | |
| | OIL (LINK) + | WGX MISC | Zinc plated wire guard ‡ Mex | | |
| | | mise | INICA | | |

| Accessories: Order as separa | te catalog number. |
|------------------------------|--|
| HAC10 | 10ft aircraft cables (ships as pair) |
| HAC20 | 20ft aircraft cables (ships as pair) |
| HKFD | ¾″ female safety hook (PF-122-A) |
| HKM455 | ¾″ aluminum male safety hook (PF-455) |
| HKMAR | ¾" male anti-rotational hook (PF-129) |
| HKMD | ¾″ male safety hook (PF-121-A) |
| LPFD | ¾" female loop (PF-116) |
| LPMD | ¾" male loop (PF-105-B) |
| PHGCHAIN XIN | X Inch stainless steel safety chain kit ‡ |
| PHGWGA | Zinc plated wire guard ‡ |
| UPH 35SM XXX DWHXD | Universal power hook, thru-wire/surface mount, must specify voltage. Available with 120, 208, 240, 277, 348V. PHCB required. ‡ |
| UPH 35SM L8480 DWHXD | Universal power hook, thru-wire/surface mount, must specify voltage. Available with 480V. PHCB required. ‡ |
| UPH 36PM XXX DWHXD | Universal power hook, pendant mount, must specify voltage. Available with 120, 208, 240, 277, 348V. PHCB required. ‡ |
| UPH 36PM L8480 DWHXD | Universal power hook, pendant mount, must specify voltage. Available with 480V. PHCB required. ‡ |

NOTE: + indicates option chosen has ordering restrictions or notes. Please reference ordering restrictions and notes chart, page 5. Options are sorted alphanumerically.

ScuityBrands.

PHG LED High Bay



| | Option Value Ordering Restrictions and Notes |
|---|--|
| Option value | Restriction |
| 26000LM | Available with 50K 80CRI only |
| 277X, 347X, 480X | Utilizes Xvolt Driver. Ships standard with SPD. SPD is not called out in the nomenclature. Not available with RIO or LSX BTP controls. |
| 347, 480 | Ships standard with SPD. SPD is not called out in the nomenclature. |
| AO | Available with 3 conductor cords with or without plug. Available with 4 conductor cords without plug when utilizing a battery pack. Available with non-dimming sensors only. |
| 2PA | Not available with SCKX, safety chain already included. |
| Bluetooth Sensors | Ships standard with SPD. SPD is not called out in the nomenclature. Available with 3 conductor cords with or without plug. Not available with XVOLT, 277X, 347X, 480X or other controls. |
| | Available with ER option by adding to sensor nomenclature. Example: LSX45 OCC BTP LT ER. Utilizes IOTA ETS device, not available with emergency battery options. ER version is available with MVOLT, 120, 208, 240, 277, 277X only. If cord is required with ER, Available with (CNP165W or CNP165C) 5 conductor dual input cord. |
| CNP164CW, CNP164C | Available with Emergency battery only. |
| CNP165CDW, CNP165CD | 5 Conductor cord for dimming. Not available with Dimming Sensors, Bluetooth Sensors, nLight Wired, nLight Wireless or AO. |
| CNP165CW, CNP165C | 5 Conductor dual input cord for emergency. Available with ETS, ER sensors or ER controls only. |
| CPSB16W | NEMA plug configuration: 120 = 5-15P. |
| CPTL16W | NEMA plug configurations: 120 = L5-15P, 208 or 240 = L6-15P, 277 = L7-15P. |
| CPTL20A16W | NEMA plug configurations: 120 = L5-20P, 208 or 240 = L6-20P, 277 = L7-20P, 347 = L24-20P, 480 = L8-20P. |
| Damp Location Cords (no plug) | 6' is standard, but other lengths are available. Must specify length in the nomenclature. Example: CNP16W10FT. See page 8 for more information. |
| Damp Location Cordsets | 6' is standard, but other lengths are available. Must specify length in the nomenclature. Example: CPTL16W3FT. See page 8 for more information. |
| Dimming Sensors | Ships standard with SPD. SPD is not called out in the nomenclature. Available with 3 conductor cords with or without plug. Not available with other controls. Available with ER option by adding to sensor nomenclature. Example: LSXR50 HL ER. Utilizes IOTA ETS device, not available with mergency battery options. ER version is available with MVOLT, 120, 208, 240, 277, 277X. If ford is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ford is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120, 208, 240, 277, 277X. If ord is required with ER, available with (MVOLT, 120 |
| E10WMCP | Available with MVOLT, 120, 208, 240, 277, 277X. Ships standard with SPD. SPD is not called out in the nomenclature. Not available with ETS or ER controls. Available with (CNP164CW or |
| E15WMCP | CNP164C) 4 conductor cord, but not required. When ordered with 36000LM package, fixture will utilize top battery box. Available with MVOLT, 120, 208, 240, 277, 277X, Ships standard with SPD. SPD is not called out in the nomenclature. Not available with ETS or ER controls, Available with (CNP164CW or |
| | CNP164C) 4 conductor cord, but not required. When ordered with 36000LM package, fixture will utilize top battery box. |
| ETS | Available with MVOLT, 120, 208, 240, 277, 277X only. Ships standard with SPD. SPD is not called out in the nomenclature. Not available with other controls. Available with (CNP165CW or CNP165C) 5 conductor dual input cord. |
| GRR | Available with NGG, MGG, WGG, NGGFR, MGGFR, WGGFR, NGGAL, MGGAL or WGGAL only. Not available with Acrylic reflectors. |
| Hooks | Available with PM only. |
| HVOLT | Ships standard with SPD. SPD is not called out in the nomenclature. |
| IE18WCPCW | Available with MVOLT, 120, 208, 240, 277, 277X. Ships standard with SPD. SPD is not called out in the nomenclature. Not available with ETS or ER controls. Available with (CNP164CW or CNP164C) 4 conductor cord, but not required. |
| IE20WCPHE | Available with HVOLT, 347, 480, 347X, 480X. Ships standard with SPD. SPD is not called out in the nomenclature. Not available with ETS or ER controls. Available with (CNP164CW or CNP164C) 4 conductor cord, but not required. Will utilize top battery box. |
| IE20WCPHER | Available with MVOLT, 120, 208, 240, 277, 277X. Ships standard with SPD. SPD is not called out in the nomenclature. Not available with ETS or ER controls. Available with (CNP164CW or CNP164C) 4 conductor cord, but not required. |
| IE30WCPHE | Available with HVOLT, 347, 480, 347X, 480X. Ships standard with SPD. SPD is not called out in the nomenclature. Not available with ETS or ER controls. Available with (CNP164CW or CNP164C) 4 conductor cord, but not required. Will utilize top battery box. |
| IE30WCPHER | Available with MVOLT, 120, 208, 240, 277, 277X. Ships standard with SPD. SPD is not called out in the nomenclature. Not available with ETS or ER controls. Available with (CNP164CW or CNP164C) 4 conductor cord, but not required. |
| Lumens | See Ambient chart for ambient ratings. |
| Modular Wiring | Available with WHK, PM or NDT only. Must Specify voltage. Dry listed. |
| NDT | The NDT (non-disconnect thru-wiring) system is made up of 2 parts. The top portion is removable and is meant to be installed in the ceiling. The bottom portion is factory installed to the fixture. The 2 part junction box used on top of the fixture will be empty. |
| nLight Wired | Ships standard with SPD. SPD is not called out in the nomenclature. Available with 120, 277 or 347 only. Not available with Emergency Batteries or any other controls. Available with 3 conductor cords with or without plug. Available with ER option by adding to power pack nomenclature. Example: NPP16 D ER. If cord is required with ER, Available with (CNP165CW) 5 conductor dual input cord. |
| NLTAIR RIO ER | Ships Standard with SPD. SPD is not called out in the nomenclature. Available with MVOLT, 120, 208, 240, 277, 277X only. Utilizes lota ETS. Available with (CNP165CW or CNP165) 5 conductor dual input cord. Not available with other controls. |
| NLTAIR2 RIO | Ships Standard with SPD. SPD is not called out in the nomenclature. Available with 3 conductor cords with or without plug. Not available with XVOLT, 277X, 347X, 480X or other controls. |
| NLTAIR2 RLSXR6 ER, NLTAIR2 RLSXR10 ER | Ships Standard with SPD. SPD is not called out in the nomenclature. Available with MVOLT, 120, 208, 240, 277, 277X only. Utilizes lota ETS. Available with (CNP165CW or CNP165) 5 conductor dual input cord. Not available with other controls. |
| NLTAIR2 RLSXR6, NLTAIR2 RLSXR10 | Conductor dual input cord. Not available with other controls. Ships Standard with SPD. SPD is not called out in the nomenclature. Available with 3 conductor cords with or without plug. Not available with other controls. Normal luminaires (non- emergency) can be used as a normal power sensing device for nearby nLight AIR devices and luminaires with EM emergency options. |
| NLTAIR2 RLSXR6 EM, NLTAIR2 RLSXR10 EM | Ships Standard with SPD. SPD is not called out in the nomenclature. Available with 3 conductor cords with or without pluq. Not available with other controls. |
| NLTAIR2 RPP20D | Ships Standard with SPD. SPD is not called out in the nomenclature. Available with 3 conductor cords with or without plug. Not available with other controls. Normal luminaires (non- |
| | emergency) can be used as a normal power sensing device for nearby nLight AIR devices and luminaires with EM emergency options. |
| NLTAIR2 RPP20D EM | Ships Standard with SPD. SPD is not called out in the nomenclature. Available with 3 conductor cords with or without plug. Not available with other controls. |
| NLTAIR2 RPP20D ER | Ships Standard with SPD. SPD is not called out in the nomenclature. Available with MVOLT, 120, 208, 240, 277, 277X only. Utilizes lota ETS. Available with (CNP165CW) 5 conductor dual input cord. Not available with other controls. |
| NR | Ordering this option assumes the top portion of the QD option (QDH) or the top portion of the NDT option is already installed. This is a for retrofit applications only. |
| Non-Dimming Sensors | Ships standard with SPD. SPD is not called out in the nomenclature. Available with 3 or 5 (dimming type) conductor cords with or without plug. Available with ER option by adding to sensor nomenclature. Example: LSXR50 ER. Utilizes IOTA ETS device, not available with emergency battery options. ER version is available with MVOLT, 120, 208, 240, 277, 277X only. If cord is |
| OCS | required with ER, Available with (CNP165W or CNP165) 5 conductor dual input cord. Please note all modular wiring options are dry listed and fixture will have a dry listed label. Actual Reloc® System Drop Cable used depends upon voltage chosen in the fixture nomenclature. Example: 277V = OCS 277. |
| PHGCHAIN XIN | Example: $27/V = 0.5277$. X denotes length. Chain shipped separately as an accessory. Available in multiple sizes. Replace X with size in inches. Example: PHGCHAIN 120IN = 120 inches or 10 feet. |
| PHGWGA | Not available with NGLR, MGLR, WGLR, MALR Optical assemblies or LSXR, LSXBTP, NLTAIR RLSXR sensors. |
| QD | Not available with emergency battery pack options. The QD (quick disconnect) system is made up of 2 parts. The top portion "QDH" ships separately to be installed in the ceiling. The Bottom portion is factory installed to the fixture. The 2 part quick disconnect will include components to allow voltage to pass between the top and bottom portions. |
| QR | Ordering this option assumes the top portion of the QD option (QDH) or the top portion of the NDT option is already installed. This is a for retrofit applications only. |
| SCKX | X denotes length. Safety Chain is available in multiple sizes. Replace X with size in inches. Example: SCK120 = 120 inches or 10 feet |
| SPD | Not available with HVOLT, 347, 480, XVOLT, 277X, 347X, 480X, any emergency battery option listed or any control option listed (sensors, power packs or controllers). SPD is already included anytime you order one of these options. |
| UPH 355M L8480 DWHXD,UPH 36PM L8480 DWHXD | Available with PHCBL8480 option only. |
| UPH 35SM XXX DWHXD, UPH 36PM XXX DWHXD | XXX denotes voltage. Available with PHCB option only. |
| UPH Cord Sets | Available with PM only. Must Specify voltage. For new installation, order matching UPH accessory. For existing installation, match PHCB voltage to existing UPH. |
| UPH Hangers | Available with PHCB or PHCBL8480 only. Must Specify voltage. |
| WGX | Cannot be field installed on a fixture that utilizes an NGLR, MGLR, WGLR, MALR Optical assembly or an LSXR, LSXBTP, NLTAIR RLSXR sensor. |
| XVOLT | Utilizes Xvolt Driver. Ships standard with SPD. SPD is not called out in the nomenclature. Not available with RIO or LSX BTP controls. |
| L · · · | |



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PHG LED High Bay



PRODUCT DATA

LAT

| Ambient Temp | 25C | 30C | 35C | 40C | 45C | 50C | 55C | 100% |
|----------------|------|------|------|------|------|------|------|------|
| LAT Multiplier | 1.00 | 0.99 | 0.99 | 0.98 | 0.97 | 0.97 | 0.96 | 99% |

ADJUSTABLE OUTPUT (AO)

| AO Position | % Lumen Output | % Wattage |
|-------------|----------------|-----------|
| 1 | 19% | 19% |
| 2 | 29% | 27% |
| 3 | 42% | 40% |
| 4 | 55% | 53% |
| 5 | 70% | 68% |
| 6 | 81% | 79% |
| 7 | 95% | 94% |
| 8 | 100% | 100% |

OPERATING AMBIENT CHART

| Lumen | Standard | LSXR, rLSXR, LSX BTP, SBOR, rSBOR | RIO | NPP16 D | RPP20 D | ETS |
|-------|----------|-----------------------------------|------|---------|---------|------|
| 9000 | 55 C | 55 C | 55 C | 35 C | 45 C | 35 C |
| 12000 | 55 C | 55 C | 55 C | 35 C | 45 C | 35 C |
| 15000 | 55 C | 55 C | 55 C | 35 C | 45 C | 35 C |
| 18000 | 55 C | 55 C | 55 C | 35 C | 45 C | 35 C |
| 24000 | 55 C | 55 C | 55 C | 35 C | 45 C | 35 C |
| 26000 | 55 C | 55 C | 55 C | 35 C | 45 C | 35 C |
| 30000 | 55 C | 55 C | 55 C | 35 C | 45 C | 35 C |
| 36000 | 50 C | 50 C | 50 C | 35 C | 45 C | 35 C |

| Lumen | E10WMCP E15WMCP | IE18WCPHECW | IE20WCPHE IE30WCPHE | IE20WCPHER IE30WCPHER |
|-------|--------------------|-------------|------------------------|--------------------------|
| 9000 | 25 C | 30 C | 30 C | 55 C (remote mount) |
| 12000 | 25 C | 30 C | 30 C | 55 C (remote mount) |
| 15000 | 25 C | 30 C | 30 C | 55 C (remote mount) |
| 18000 | 25 C | 30 C | 30 C | 55 C (remote mount) |
| 24000 | 25 C | 30 C | 30 C | 55 C (remote mount) |
| 30000 | 25 C | 30 C | 30 C | 55 C (remote mount) |
| 36000 | 25 C | 30 C | 30 C | 50 C (remote mount) |

Nominal Emergency Lumens

| SEF | E10WMCP | E15WMCP | IE18WCPHECW | IE20WCPHE/R | IE30WCPHE/R |
|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 9000 | 1808 | 2622 | 3077 | 3689 | 5385 |
| 12000 | 1812 | 2627 | 3083 | 3696 | 5394 |
| 15000 | 1775 | 2587 | 3044 | 3611 | 5289 |
| 18000 | 1773 | 2583 | 3040 | 3606 | 5282 |
| 24000 | 1800 | 2630 | 3099 | 3752 | 5436 |
| 30000 | 1834 | 2680 | 3159 | 3824 | 5541 |
| 36000 | 1861 | 2724 | 3213 | 3872 | 5617 |
| | | | | | |
| HEF | E10WMCP | E15WMCP | IE18WCPHECW | IE20WCPHE/R | IE30WCPHE/R |
| HEF 9000 | E10WMCP 1915 | E15WMCP 2777 | IE18WCPHECW 3258 | IE20WCPHE/R 3910 | IE30WCPHE/R 5708 |
| | | | | | |
| 9000 | 1915 | 2777 | 3258 | 3910 | 5708 |
| 9000 12000 | 1915 1876 | 2777 2734 | 3258 3217 | 3910 3818 | 5708 5594 |
| 9000 12000 15000 | 1915 1876 1860 | 2777 2734 2713 | 3258 3217 3194 | 3910 3818 3793 | 5708 5594 5570 |
| 9000 12000 15000 18000 | 1915 1876 1860 1967 | 2777 2734 2713 2873 | 3258 3217 3194 3386 | 3910 3818 3793 3995 | 5708 5594 5570 5866 |



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PRODUCT DATA

OPERATIONAL DATA

| PHG SEF | Lumen Package | Wattage (120V) | Lumen Output | LPW |
|---------|------------------|-------------------|-----------------|-----|
| | 9000 LM | 59 | 9257 | 157 |
| | 12000 LM | 81 | 12252 | 152 |
| SEF | 15000 LM | 101 | 15173 | 150 |
| 5000K, | 18000 LM | 123 | 17944 | 145 |
| 80CRI | 24000 LM | 158 | 24306 | 154 |
| MGG | 26000LM | 167 | 26020 | 156 |
| | 30000 LM | 201 | 30539 | 152 |
| | 36000 LM | 237 | 36453 | 154 |

| PHG HEF | Lumen Package | Wattage (120V) | Lumen Output | LPW |
|---------|------------------|-------------------|-----------------|-----|
| | 9000 LM | 55 | 9232 | 169 |
| | 12000 LM | 75 | 12310 | 165 |
| HEF | 15000 LM | 94 | 15069 | 161 |
| 5000K, | 18000 LM | 108 | 18254 | 170 |
| 80CRI | 24000 LM | 144 | 24471 | 170 |
| MGG | 26000LM | 161 | 27909 | 173 |
| | 30000 LM | 178 | 31068 | 174 |
| | 36000 LM | 219 | 36538 | 167 |

LUMEN MAINTENANCE

| Projected | Projected Lumen Maintenance - SEF (Standard Efficiency) | | | | | | | | | | |
|-----------|---|------|------|------|------|------|--|--|--|--|--|
| Ambient | t 0 15,000 30,000 45,000 60,000 1 | | | | | | | | | | |
| 25° C | 1.00 | 0.97 | 0.94 | 0.91 | 0.89 | 0.82 | | | | | |

| Projected | Projected Lumen Maintenance - HEF (High Efficiency) | | | | | | | | | | |
|-----------|---|---------|------|------|-----|------|--|--|--|--|--|
| Ambient | 0 | 100,000 | | | | | | | | | |
| 25° C | 1.00 | 0.97 | 0.95 | 0.93 | 0.9 | 0.85 | | | | | |

Note: Table shown is accurate for all available lumen packages.

NUMBER OF LED BOARDS AND DRIVERS USED

| Lumen Package | Performance Package | Number of LED Boards | Number of drivers | |
|------------------|------------------------|-------------------------|----------------------|--|
| 9000LM | SEF | 1 | 1 | |
| 9000LIVI | HEF | 1 | 1 | |
| 12000LM | SEF | 1 | 1 | |
| 12000LIVI | HEF | 1 | 1 | |
| 15000LM | SEF | 1 | 1 | |
| ISUUULIVI | HEF | 1 | 1 | |
| 100001 M | SEF | 1 | 1 | |
| 18000LM | HEF | 1 | 1 | |
| 240001 M | SEF | 1 | 1 | |
| 24000LM | HEF | 1 | 1 | |
| 260001 M | SEF | 1 | 1 | |
| 26000LM | HEF | 1 | 1 | |
| 200001 M | SEF | 1 | 2 | |
| 30000LM | HEF | 1 | 1 | |
| 260001 M | SEF | 1 | 2 | |
| 36000LM | HEF | 1 | 2 | |

SCALING FACTOR TABLES

| CCT/CRI Multipliers | | | | | | | | | |
|---------------------|--------|--------|--------|--|--|--|--|--|--|
| SEF | 70 CRI | 80 CRI | 90 CRI | | | | | | |
| 5000K | 1.06 | 1.00 | 0.88 | | | | | | |
| 4000K | 1.05 | 0.98 | 0.86 | | | | | | |
| 3500K | 1.03 | 0.96 | 0.81 | | | | | | |
| 3000K | 1.02 | 0.94 | 0.78 | | | | | | |

| CCT/CRI Multipliers | | | | | | | | | |
|---------------------|--------|--------|--------|--|--|--|--|--|--|
| HEF | 70 CRI | 80 CRI | 90 CRI | | | | | | |
| 5000K | 1.00 | 1.00 | 0.83 | | | | | | |
| 4000K | 0.99 | 0.98 | 0.82 | | | | | | |
| 3500K | 0.97 | 0.93 | 0.80 | | | | | | |
| 3000K | 0.96 | 0.92 | 0.77 | | | | | | |

| Optic | Multiplier |
|-------|------------|
| NA | 1.06 |
| WAA | 1.05 |
| NAA | 1.04 |
| MG | 1.03 |
| WG | 1.03 |
| NG | 1.03 |
| WGA | 1.02 |
| MGA | 1.02 |
| WGG | 1.00 |
| MGG | 1.00 |
| NGA | 1.00 |
| NGG | 0.98 |
| NGAFR | 0.91 |
| WGGAL | 0.90 |
| MGAFR | 0.89 |
| MGGAL | 0.89 |
| NGGFR | 0.87 |
| NGGAL | 0.86 |
| MGGFR | 0.86 |
| WGAFR | 0.84 |
| WGGFR | 0.81 |

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PHG LED High Bay



| Plug Option | P | lug Type | :‡ | Amperag | je | Gauge | | # of Con | ductors | Color | | Locatio | n | Length | |
|-----------------------------------|--------|---------------------|---|----------------|------------------|---------------|----------------------|----------------------------|---|--------------|----------------|---------------|--|--|---|
| CNP Cord o CP Cord v plug : | vith T | (blank) TL SB | No plug Locking type ‡ Straight blade ‡ | (blank) 20A | 15 Amp 20 Amp | (blank) 16 | 18 Gauge 16 Gauge | (blank) 4C 5C 5CD | 3 Conductors 4 Conductors ‡ 5 Conductors, dual voltage ‡ 5 Conductors with 0-10V dimming leads ‡ | (blank) W | Black White | (blank) WL | Damp Location Wet location ‡ | (blank) 3FT 10FT 12FT 15FT 20FT 25FT | 6 Foot 3 Foot 10 Foot 12 Foot 15 Foot 20 Foot 25 Foot |

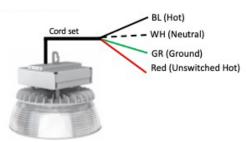
| | ‡ Notes | | | | | | | |
|-----|---|--|--|--|--|--|--|--|
| 4C | Includes 2 hot inputs for use with EM battery options. | | | | | | | |
| 5C | Includes 2 hots and 2 neutrals for use with ETS or sensors with ER option. | | | | | | | |
| 5CD | Includes purple and pink or gray wire for 0-10V dimming | | | | | | | |
| СР | Must specify voltage. | | | | | | | |
| SB | Not available with WL (wet location) | | | | | | | |
| TL | See NEMA Plug Configuration chart on right for plug type used based on voltage. | | | | | | | |
| WL | Not available with SB (plug type). | | | | | | | |

NEMA Plug Configurations

| Voltage | 15A Straight Blade | 15A Twist Lock | 20A Twist Lock |
|---------|--------------------|----------------|----------------|
| MVOLT | NA | NA | NA |
| 120 | 5-15P | L5-15P | L5-20P |
| 208 | NA | L6-15P | L6-20P |
| 240 | NA | L6-15P | L6-20P |
| 277 | NA | L7-15P | L7-20P |
| HVOLT | NA | NA | NA |
| 347 | NA | NA | L24-20P |
| 480 | NA | NA | L8-20P |
| XVOLT | NA | NA | NA |
| 277X | NA | L7-15P | L7-20P |
| 347X | NA | NA | L24-20P |
| 480X | NA | NA | L8-20P |

CORD SETS WITH EMERGENCY WIRING DETAILS

When battery is ordered with a 4-conductor cord set:



The 4 conductor cord set (CNP164CW or CNP164C) will include the hot (BL), neutral (WH), and ground (GR) conductors AND the unswitched hot will be a separate conductor (RED).

When ETS is ordered with a 5-conductor dual voltage cord:



The 5 conductor dual voltage cord set (CNP165CW or CNP165C) will include the normal hot (BL), normal neutral (WH), ground (GR), EMG hot (RED), and EMG neutral (OR).

PHG LED High Bay



EMERGENCY OPERATION SCENARIOS

| | Standard Sensor or Control Device | EM Solution | ER Solution |
|--------------------------------------|--|---|---|
| | (commonly used with Battery Pack Option) | (Used when switching single incoming hot to generator power) | (Used when switching to generator power via a 2nd hot lead) |
| Emergency Lighting | *Luminaire-integral battery pack and emergency driver | *Diesel genset emergency backup supply | *Fast Transfer (FT) inverter emergency backup supply |
| Strategy | *Generator transfer device | *Slow transfer inverter (>30ms) emergency backup supply | *Uninterruptible Power System (UPS) emergency |
| Recommended Control Device Option | *Not specifically listed for emergency use. *Wired such that a separately listed emergency device provides emergency lighting power and/or control during loss of normal power scenarios. | *UL924 listed *Utilizes Power Interruption Detection to initiate lighting control override during loss of normal power scenarios. *Requires power interruption > 30 ms to luminaire during transfer to emergency backup supply. | *UL924 listed *Utilizes dedicated Normal Power sensing leads to initiate lighting control override during loss of normal power scenarios. *Requires connections to both emergency and normal power circuits. |

| | | | | | | ER Solution* | | Standard | Sensor | Settings | |
|--|---|--|---|--------------------------------------|---|----------------------------|------------------------|-----------------------------|--------------|---------------|------------------------|
| | | Function | Sequence of Operations | Standard Sensor or Control Device | EM Solution (Generator 1 Hot) | (Generator 2 Hots) | Vacancy Time Out | Dim to Off Time Delay | High Trim | Low Trim | Photocell Set Point |
| | | On/Off | Lights turn on when motion detected; Upon vacancy, Lights turn off after timeout. | LSXR6 | NLTAIR2 RLSXR6 EM | LSXR6 ER | 10 min | NA | NA | NA | NA |
| | Standalone Sensors (Individual control per fixture) | High/Low (Off) | Lights turn on to high trim when presence is detected; Upon vacancy, the lights dim to low trim after timeout and turn off after "Dim To Off" Time Delay. For High/Low (Never Off) function, bypass the relay by bringing power directly into driver rather than wiring hot through LSXR device. | LSXR6 HL | NLTAIR2 RLSXR6 EM | LSXR6 HL ER | 10 min | 2.5 min | 100% | 10% | NA |
| Standalone Individual contre | Photocell | Lights turn on unless ambient light level is above set point; If ambient light levels in the space exceed the photocell set point, lights will turn off even during occupancy. | LSXR6 P | NLTAIR2 RLSXR6 EM | LSXR6 P ER | NA | NA | NA | NA | 4 fc | |
| |) | | lenses are available to accommodate specific mounting heights. For 360° integral with "50". Ex. LSXR50 P. | Low Mount sensors, replace | e "6" in nomenclature wi | th "10". Ex. LSXR10 P. For | 360° integral | High Mount Ai | sleway sen | sors, replace | "6" in |

| | On/Off | Lights turn on when motion detected; Upon vacancy, Lights turn off after timeout. | LSX45 OCC BTP LT | NA | LSX45 OCC BTP LT ER | 10 min | NA | NA | NA | NA |
|--|---|---|------------------|----|---------------------|--------|---------|------|-----|-------|
| oth app) | High/Low (Off) | Lights turn on to high trim when presence is detected; Upon vacancy, the lights dim to low trim after timeout and turn off after "Dim To Off" Time Delay. | LSX45 HL BTP LT | NA | LSX45 HL BTP LT ER | 10 min | 2.5 min | 100% | 10% | NA |
| Bluetooth Sensors ible via mobile Bluetooth | Dimming + Photocell | Lights turn on when presence is detected unless ambient light level is above set point; Upon vacancy, the lights dim to low trim during timeout; During occupancy, automatically raise and lower electric light level to maintain set point and turn off, depending on ambient light. | LSX45 ADC BTP LT | NA | LSX45 ADC BTP LT ER | 10 min | NA | NA | 10% | 50 fc |
| Bluet (Configurable vi | Dimming + Photocell + High/Low (Never Off) | Lights turn on when presence is detected unless ambient light level is above set point; Upon vacancy, lights dim to low trim after timeout and remain at low trim until presence is detected; Automatically raise and lower electric light level to maintain set point during occupancy and during vacancy keeps lights at low trim if ambient light is not sufficient. | LSX45 ANL BTP LT | NA | LSX45 ANL BTP LT ER | 10 min | NA | 100% | 10% | 50 fc |

| nLight wired tworked Controls | Dimming | Programmable On/Off control only with dimming - no sensor (device externally mounted | NPP16 D | NA | NPP16 D ER | NA | NA | 100% | 10% | NA |
|---|---------|--|---------|----|------------|----|----|------|-----|----|
| Net | | | | | | | | | | |

| nLight AIR ss Sensors and Networked Controls | Dimming + Photocell + Occupancy | Wirelessly programmable network sensor - On/Off control with dimming, occupancy detection, and daylight harvesting (Sensor embedded in fixture) | NLTAIR2 RLSXR6 | NLTAIR2 RLSXR6 EM | NLTAIR2 RLSXR45 ER | 7.5 min | NA | 100% | 10% | 50fc | | |
|---|---------------------------------------|--|-----------------|-----------------------|--------------------|---------|----|------|-----|------|--|--|
| | Dimming | Wirelessly programmable On/Off control with dimming - no sensor (Device embedded in fixture) | NLTAIR2 RIO | NLTAIR2 RPP20 D EM | NLTAIR2 RIO ER | NA | NA | 100% | 10% | NA | | |
| | Dimming | Wirelessly programmable On/Off control with dimming - no sensor (Device External) | NLTAIR2 RPP20 D | NLTAIR2 RPP20 D EM | NLTAIR2 RPP20 ER | NA | NA | 100% | 10% | NA | | |
| Wireless | | Note: Different lenses are available to accommodate specific mounting heights. For 360° integral Low Mount sensors, replace "6" in nomenclature with "10". Ex. NLTAAIR2 RLSXR10. For 360° integral High Mount Aisleway sensors, replace "6" in nomenclature with "50". Ex. NLTAAIR2 RLSXR10. | | | | | | | | | | |

*All ER solutions except nLight wired (NPP16 D ER) and nLight AIR (NLTAIR2 RPP20 D ER), include standard sensor or control device with a factory-installed -+ lota ETS##-DR (UL924 bypass device). This device is integral to the fixture and will include a hot and neutral lead for the dedicated emergency circuit.



COMPONENTS & OPTIONS DATA



HKMAR (PF-129-A) Hook



HKFD (PF-122-A) Hook



HKM455 (PF-455) Hook



LPFD (PF-116) Loop



AO Field adjustable output dimming.



nLight Wired NPP16 D Power Pack



nLight Wired NPP16 D Power Pack



LSXR Sensor



LSX45 BTP Sensor and SMHB BTP Control Module



OCS Reloc® One Pass® Drop Cable



nLight Air RPP20 D Power Pack



nLight Air RPP20 D EM or ER Power Pack



nLight Air RLSXR Sensor



nLight Air RIO Control Module

