

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal one-for-one replacement of conventional lighting systems such as HID and fluorescent. For use in light industrial applications such as, warehousing and other large indoor spaces with mounting heights ranging from 10' – permitted. **Certain airborne contaminants can diminish integrity of acrylic and LED's.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

Certain airborne contaminants, including condensation, 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.](#)

CONSTRUCTION — Extruded aluminum channels enable superior thermal performance. Glare Control acrylic lens diffuses light source and reduces glare while protecting LEDs. Lens meets DLC 5.1 standards for UGR (Unified Glare Rating).

ELECTRICAL — 70% lumen maintenance at > 100,000 hours. Thermally protected driver standard with 0-10V dimming. Luminaire surge protection level: designed to withstand up to 6kV/3kA per ANSI C82.77-5-2015 Multi-volt driver, 120-277V standard.

INSTALLATION — Fixture is suitable for mounting by chain, cable, surface-mount bracket, pendant monopoint, or hook monopoint. Utilizing appropriate mounting accessory. Designed for use in ambient temperatures ranging from -40°C to 55°C when suspended 18" off ceiling. Surface mount to 45°C ambient operation.

Note: Temperature cycling, or variations can potentially produce condensation; please consult factory.

LISTINGS — CSA listed. Damp location listed.

DesignLights Consortium™ (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

GOVERNMENT PROCUREMENT — BAA – 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/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.

The product images shown are for illustration purposes only and may not be an exact representation of the product.

Specifications subject to change without notice.

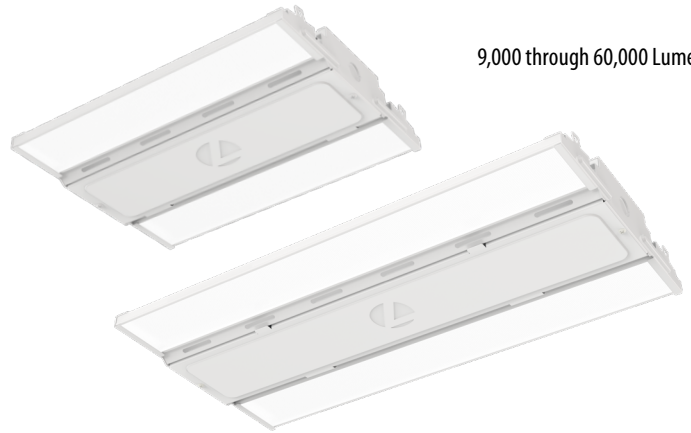
| Standard Part Number | Stock Part Number | Stock Part Number CI Code | DLC Product ID | DLC Premium? |
|--|---------------------|---------------------------|----------------|--------------|
| CPHB 12000LM SEF GCL MD MVOLT GZ10 40K 80CRI DWH | CPHB 12LM MVOLT 40K | *268SAH | PAMXQBT8 | Yes |
| CPHB 12000LM SEF GCL MD MVOLT GZ10 50K 80CRI DWH | CPHB 12LM MVOLT 50K | *2681J0 | P0Q23DMQ | Yes |
| CPHB 15000LM SEF GCL MD MVOLT GZ10 40K 80CRI DWH | CPHB 15LM MVOLT 40K | *2681J2 | PLPPHUG | Yes |
| CPHB 15000LM SEF GCL MD MVOLT GZ10 50K 80CRI DWH | CPHB 15LM MVOLT 50K | *2681J5 | PJ97Z0F9 | Yes |
| CPHB 18000LM SEF GCL MD MVOLT GZ10 40K 80CRI DWH | CPHB 18LM MVOLT 40K | *268SAJ | PWHG1E01 | Yes |
| CPHB 18000LM SEF GCL MD MVOLT GZ10 50K 80CRI DWH | CPHB 18LM MVOLT 50K | *2681J9 | PSRNYSS1 | Yes |
| CPHB 24000LM SEF GCL MD MVOLT GZ10 40K 80CRI DWH | CPHB 24LM MVOLT 40K | *2681JE | PC2IBASD | Yes |
| CPHB 24000LM SEF GCL MD MVOLT GZ10 50K 80CRI DWH | CPHB 24LM MVOLT 50K | *2681JL | P7DUT8S1 | Yes |
| CPHB 30000LM SEF GCL MD MVOLT GZ10 40K 80CRI DWH | CPHB 30LM MVOLT 40K | *2681JM | PRXQVN2Q | Yes |
| CPHB 30000LM SEF GCL MD MVOLT GZ10 50K 80CRI DWH | CPHB 30LM MVOLT 50K | *2681JP | PDAUA08P | Yes |

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

LED High Bay

COMPACT PRO™

9,000 through 60,000 Lumens



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details



Design Select options indicated by this color background.

Looking for Contractor Select readily available configurations? Click here to visit Contractor Select™ spec sheet or go to www.contractorselect.com

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: CPHB 24000LM SEF GCL MD 120 GZ10 40K 80CRI CPSBW SSE PIRHKO HL DWH

| CPHB | | | GCL | | | GZ10 | | |
|---------------------------|---|--|------------------------|--|--|---------------------------|--|--|
| Series | Lumens | Performance Package | Lens | Distribution | Voltage | Driver | Color Temperature | Color Rendering Index |
| CPHB Compact Pro High Bay | 9000LM 9,000 lumens 12000LM 12,000 lumens 15000LM 15,000 lumens 18000LM 18,000 lumens ‡ 24000LM 24,000 lumens 30000LM 30,000 lumens 36000LM 36,000 lumens 48000LM 48,000 lumens 60000LM 60,000 lumens | SEF Standard Efficiency HEF High Efficiency | GCL Glare Control Lens | MD Medium Distribution ND Narrow Distribution WD Wide Distribution | MVOLT 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V ‡ 480 480V ‡ HVOLT 347-480V ‡ | GZ10 0-10V dimming driver | 35K 3500 K 40K 4000 K 50K 5000 K | 70CRI 70 CRI 80CRI 80 CRI 90CRI 90 CRI |

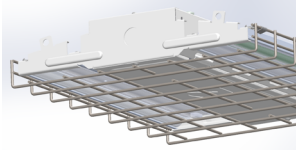
| Options | | | DWH |
|---|--|--|-----------------|
| | | | Finish |
| BAA | Buy America(n) Act and/or Build America Buy America Qualified | | DWH Gloss White |
| Emergency Options: ‡ | | | |
| E10W | IOTA 10W emergency battery pack, Constant Power, Certified in CA Title 20 MAEDBS, Self-diagnostics (LINK) ‡ | | |
| E10WCP | 10W emergency battery pack, Certified in CA Title 20 MAEDBS ‡ | | |
| E15WMCP | 15W emergency battery pack, Certified in CA Title 20 MAEDBS ‡ | | |
| IE10WMCP | 10W emergency battery pack, Certified in CA Title 20 MAEDBS ‡ | | |
| IE15WMCP | 15W emergency battery pack, Certified in CA Title 20 MAEDBS ‡ | | |
| IE20WCPHE | Iota 20W emergency battery pack, Certified in CA Title 20 MAEDBS ‡ | | |
| ETS | Generator Transfer Device ‡ | | |
| WGX | Wireguard installed | | |
| IMP | Integrated modular plug ‡ | | |
| SPD | Additional 10kV surge protection device ‡ | | |
| RRL_ | RELOC® Ready luminaire. (Not available with Haleon sensor options). See page 13 for ordering information | | |
| OCS | RELOC® OnePass selectable cable 6' installed ‡ ‡ | | |
| OCS4C | RELOC® One Pass® selectable cable 6' installed. ‡ ‡ | | |
| 2470P | 24/7 operation, factory installed battery with 3-conductor cordset or Reloc, with on/off controlled by sensor rather than switch, the normal hot and unswitched hot wired together in the fixture. Consult local codes to determine if this is allowable | | |
| JP | Job Pack ‡ | | |
| Cord Sets: ‡ | | | |
| CPSBW | 6' white damp location cord with straight blade plug (voltage will match fixture, 120, 208, 240, or 277V only) | | |
| CPTLW | 6' white damp location cord with 15 amp twist-lock plug (voltage will match fixture) ‡ | | |
| CPTL20AW | 6' white damp location cord with 20 amp twist lock plug (voltage will match fixture) ‡ | | |
| CNPW | 6' white cord, no plug | | |
| CNP4CW | 6' white cord, 4 conductors (for use with battery) | | |
| CNP5CDW | 6' white cord, 5 conductors (includes dimming leads) | | |
| Individual Controls: ‡ ‡ | | | |
| SSE PIRHKO | 360° integral high mount motion sensor with standard on/off operation | | |
| SSE PIRHKO HL | 360° integral high mount motion sensor with high/low/(off) occupancy operation. For High/Low/(never off) | | |
| SSE PIRHKO P | 360° integral high mount motion sensor with on/off switching photocell | | |
| SSE APIRHKO | 360° integral high mount motion sensor with dimming & switching photocell | | |
| APIRHKO ANL | 360° integral high mount motion sensor with High/Low occupancy dimming & auto-dimming photocell | | |
| *For 360° integral LOW MOUNT sensors, remove "H". For High Mount AISLEWAY sensors, replace "H" in nomenclature with "A". | | | |
| nLight AIR Wireless Controls: | | | |
| NLTAIR2 APIRH* | Embedded wireless controls by nLight, Passive Infrared Occ sensor with auto-dimming photocell for high mounting height applications | | |
| NLTAIREM2 APIRH* | Embedded wireless controls by nLight, with UL924 listed emergency operation, Passive Infrared Occ sensor with auto-dimming photocell for high mounting height applications | | |
| *For 360° integral LOW MOUNT sensors, remove "H" from the nomenclature. | | | |
| NLTAIR2 APIRHKO* | Embedded wireless controls by nLight, Knock out mounted Passive Infrared Occ sensor with auto-dimming photocell for high mounting height applications | | |
| NLTAIR2 APIRAKO | Embedded wireless controls by nLight, Knock out mounted Passive Infrared Occ sensor with auto-dimming photocell for Aisleway applications | | |
| NLTAIREM2 APIRHKO* | Embedded wireless controls by nLight with UL924 listed emergency operation, Knock out mounted Passive Infrared Occ sensor with auto-dimming photocell for high mounting height applications | | |
| NLTAIREM2 APIRAKO | Embedded wireless controls by nLight with UL924 listed emergency operation, Knock out mounted Passive Infrared Occ sensor with auto-dimming photocell for Aisleway applications | | |
| *For 360° integral LOW MOUNT sensors, replace "6" in nomenclature with "10" | | | |

Accessories: Order as separate catalog number.Mounting:

| | |
|--------------|--|
| IBAC120 M100 | Aircraft cable 10' with hook (one pair) |
| IBAC240 M75 | Aircraft cable 20' with hook (one pair) |
| IBHMP | Hook monopoint |
| CPHBMPSPM | Pendant Monopoint splice box with 3/4" hub (for 9000LM – 18000LM) ‡ |
| CPHBMPMPMD | Pendant Monopoint splice box with 3/4" hub (for 24000LM – 30000LM) ‡ |
| CPHBMPPLG | Pendant Monopoint splice box with 3/4" hub (for 36000LM – 60000LM) ‡ |
| ZACVH | Aircraft 10' V hanger (one pair) |
| HC36 | Hanger chain, 36" (one pair) |
| THUN J2 | Tong hanger surface mount bracket ‡ |

Wire guards:

| | |
|----------|---|
| WGCPHBSM | Wire guard for CPHB (9000LM – 18000LM) |
| WGCPHBMD | Wire guard for CPHB (24000LM – 30000LM) |
| WGCPHBLG | Wire guard for CPHB (36000LM – 60000LM) |

Cord sets for IMP option: ‡

| | |
|----------|---|
| CS1WIMP | Straight plug, 120V |
| CS3WIMP | Twist-lock, 120V |
| CS7WIMP | Straight plug, 277V |
| CS11WIMP | Twist-lock, 277V |
| CS93WIMP | 600V SO white cord, no plug (no voltage required) |

‡ Option Value Ordering Restrictions

| Option Value | Ordering Restrictions |
|-------------------------------|---|
| 18000LM | Not available with HVOLT. When 18000LM requires 347 or 480 volt; the fixture utilizes a step-down transformer. |
| 2470P | Requires cord or reloc, battery and sensor options. Not available with 4 conductor cord sets. CPHB will be wired from the factory for 24/7 operation (via cord or Reloc), with on/off controlled by sensor rather than switch. Consult local codes to determine if this is allowable. |
| 347 | Fixture includes an additional 10kV surge protector. When ordered with 18000LM, includes step down transformer. |
| 480 | Fixture includes an additional 10kV surge protector. When ordered with 18000LM, includes step down transformer. |
| Cord Sets | Must specify voltage on cord sets with plugs. |
| Cord Sets for IMP | Fixture must be ordered with IMP option. All cord sets are 18/3, 6' white. |
| CPHBMPSPM/MD/LG | Pendant monopoint splice boxes will require wiring from access plate to splice box KO if power is being dropped through pendant conduit. Fixture does not have a KO in center to pull power out of driver channel through splice box. Not for use with battery pack. |
| CPTL20AW | Required on 347 and 480 volt. |
| Emergency Options | May alter fixture construction. Consult line art for dimensions. Batteries not for use with pendant mount option. If cord set is needed, use CNP4CW which will have normal hot and unswitched hot exiting cord set. Not available with IMP, ETS, or THUN options. |
| E10W | MVOLT only. Available with lumen packages 24000LM – 60000LM. |
| E10WCP | MVOLT only. Max ambient operating temperature of 35°C. Includes an additional 10kV surge protector on the unswitched, battery hot. Only available with 9000LM – 18000LM. |
| E15WMC | MVOLT only. Factory installation only. Not approved for field installation. Max ambient operating temperature of 35°C. Includes an additional 10kV surge protector on the unswitched, battery hot. |
| ETS | MVOLT only. Not available with cord sets or batteries. When sensor is required, use "ER" sensor option. Utilizes ETS 924 DR component. Includes an additional 10kV surge protector |
| HVOLT | Fixture includes an additional 10kV surge protector. Not valid with 18000LM. |
| IE10WMC | Available with 347 or 480 only. Not available with 18000LM. |
| IE15WMC | Available with 347 or 480 only. Not available with 9000LM, 12000LM, 15000LM, or 18000LM. |
| IE20WCPHE | MVOLT only. Not available for 9LM, 12LM, 15LM and 18LM. Not available with NLTAIR2 KO and Cordset together. Not for use with THUN. |
| IMP | Not available with battery options, NLTAIR2 KO options, PIRHKO or APIRHKO options, ETS, or NLTAIRER2 APIRHKO options. Sensors will be fixture pre-wired to fixture. Not for use with THUN mounting option. |
| Individual Controls (LSXR) | Comes standard with SPD. SSE PIRAKO not available as a Design Select option when ordered with 70CRI option. This sensor configuration is suitable for minimum ambient temperature of 14°F (-10°C). Not available with other controls. |
| JP | Consult table on page 7 for details. |
| NLTAIR2 APIR, APIRH, or APIRA | When HVOLT, 347, and 480 are ordered fixture utilizes fixture back pack. Not available with battery options when 347, 480 or HVOLT are ordered. Not available with NLTAIRER2 when ordered with 9000LM, 12000LM, 15000LM or 18000LM lumen packages (ER option utilizes ETS). |
| OCS | Must specify voltage. Dry Location listed only. |
| OCS4C | Dry location listed only. Use when unswitched hot is required for battery pack options. |
| SPD | 10kV surge protector standard with HVOLT, 347, 480, ETS, any NLTAIR2, and battery options (on the unswitched, battery hot). |
| THUN J2 | Order quantity required in multiples of two. 9000LM – 18000LM requires one per fixture, 24000LM – 60000LM requires two per fixture. Not for use with IMP or battery pack options. |
| CNP5CDW | When ordered with a battery pack, 2470P is required. |

‡ Design Select Ordering Restrictions

| Option Value | Ordering Restrictions |
|--------------------------|---|
| CPTLW | Not on program when combined with 208V, 240V, or 347V |
| Individual Controls | Not on DS program when ordered as SSE PIRAKO with 70CRI. |
| OCS, OCS4C (all lengths) | Not on program when combined with 120V, 208V, 240V, or 347V |

CORD SET ORDERING INFORMATION

| Plug Option | Plug type | Amperage** | Gauge | # of conductors | Color | Location | Length***** |
|------------------------------------|--|-----------------------------------|---------------------------|--|---------|-----------------------|--|
| CNP Cord Only CP Cord with Plug | (blank) No Plug Option (for Cord Only option) TL Locking Type SB Straight blade* | (blank) 15 amps 20A 20 amps*** | (blank) 18 gauge standard | (blank) 3 conductors (blk/wht/grn) 4C 4 conductors; Use with Battery option when unswitched hot is needed 5C 5 conductors; Use when fixture has 2 drivers and separate operation is required 5CD **** 5 conductors; Use with dimming driver when dimming leads are desired (Not for use with dimming sensors) | W White | (blank) Damp Location | (blank) 6 feet 3FT 3 feet 10FT 10 feet 12FT 12 feet 15FT 15 feet 20FT 20 feet |

* Straight blade on available with 120, 208, 240, and 277 volt.

** Amperage is only configurable for cords with plugs.

*** 20A required with 347 and 480 volt.

**** Not available with plugs.

***** Available in 1' increments from 1 to 30 feet.

EMBEDDED LUMINAIRE TECHNOLOGY GUIDE

| Control type | Sensor nomenclature | Sensor used (click part number to link to sensor spec sheet) | Out of the box settings | | | | | Notes |
|---------------------------------|---------------------|--|-------------------------------|-----------------------|--------------------|----------------------|-----------------------|---|
| | | | Unoccupied time until dim/off | Dim to off time delay | Occupied dim level | Unoccupied dim level | Daylighting set point | |
| Sensor Switch embedded controls | SSE PIRHKO | LSXR 6 | 10M | n/a | 10V/100% | n/a | n/a | |
| | SSE PIRKO | LSXR 10 | 10M | n/a | 10V/100% | n/a | n/a | |
| | SSE PIRAKO | LSXR 50 | 10M | n/a | 10V/100% | n/a | n/a | |
| | SSE PIRHKO HL | LSXR 6 HL | 10M | 2.5M | 10V/100% | 1V/10% | n/a | |
| | SSE PIRKO HL | LSXR 10 HL | 10M | 2.5M | 10V/100% | 1V/10% | n/a | |
| | SSE PIRAKO HL | LSXR 50 HL | 10M | 2.5M | 10V/100% | 1V/10% | n/a | |
| | SSE PIRHKO P | LSXR 6 P | 10M | n/a | 10V/100% | n/a | 4FC | |
| | SSE PIRKO P | LSXR 10 P | 10M | n/a | 10V/100% | n/a | 4FC | |
| | SSE PIRAKO P | LSXR 50 P | 10M | n/a | 10V/100% | n/a | 4FC | |
| | SSE APIRHKO | LSXR 6 ADC | 10M | n/a | 10V/100% | 1V/10% | 4FC | ADC only dims based on photocell |
| | SSE APIRKO | LSXR 10 ADC | 10M | n/a | 10V/100% | 1V/10% | 4FC | ADC only dims based on photocell |
| | SSE APIRAKO | LSXR 50 ADC | 10M | n/a | 10V/100% | 1V/10% | 4FC | ADC only dims based on photocell |
| | SSE APIRHKO ANL | LSXR 6 ANL | 10M | n/a | 10V/100% | 1V/10% | 4FC | ANL dims by occupancy and photocell but only turns off due to photocell |
| | SSE APIRKO ANL | LSXR 10 ANL | 10M | n/a | 10V/100% | 1V/10% | 4FC | ANL dims by occupancy and photocell but only turns off due to photocell |
| | SSE APIRAKO ANL | LSXR 50 ANL | 10M | n/a | 10V/100% | 1V/10% | 4FC | ANL dims by occupancy and photocell but only turns off due to photocell |
| nLight AIR2 embedded controls | NLTAIR2 APIRH | RMSOD 45 180D G2 | 7.5M | 5M | 10V/100% | 3V/30% | 5FC | |
| | NLTAIREM2 APIRH | RMSOD 45 EM 180D G2 | 7.5M | 5M | 10V/100% | 3V/30% | 5FC | |
| | NLTAIR2 APIRHKO | RLSXR 6 WH G2 | 7.5M | 2.5M | 10V/100% | 1V/10% | 50FC | |
| | NLTAIR2 APIRAKO | RLSXR 50 WH G2 | 7.5M | 2.5M | 10V/100% | 1V/10% | 50FC | |
| | NLTAIREM2 APIRHKO | RLSXR 6 EM WH G2 | 7.5M | 2.5M | 10V/100% | 1V/10% | 50FC | |
| | NLTAIREM2 APIRAKO | RLSXR 50 EM WH G2 | 7.5M | 2.5M | 10V/100% | 1V/10% | 50FC | |

PHOTOMETRICS

See www.lithonia.com.

PERFORMANCE TABLE

| CPHB SEF | Glare Control Lens, Medium Distribution | | | |
|----------------------------------|---|---------|--------------|-----|
| | Lumen Package | Wattage | Lumen Output | LPW |
| Delivered Lumens 4000K, 80CRI | 9000LM | 61 | 9,123 | 150 |
| | 12000LM | 87 | 12,273 | 141 |
| | 15000LM | 102 | 15,343 | 150 |
| | 18000LM | 133 | 18,199 | 137 |
| | 24000LM | 174 | 24,873 | 143 |
| | 30000LM | 210 | 29,825 | 142 |
| | 36000LM | 235 | 36,289 | 163 |
| | 48000LM | 324 | 48,342 | 153 |
| | 60000LM | 421 | 58,946 | 140 |

| | | | | |
|----------------------------------|---------|-----|--------|-----|
| Delivered Lumens 5000K, 80CRI | 9000LM | 61 | 9,183 | 150 |
| | 12000LM | 88 | 12,354 | 140 |
| | 15000LM | 105 | 15,444 | 147 |
| | 18000LM | 133 | 18,319 | 138 |
| | 24000LM | 174 | 25,037 | 144 |
| | 30000LM | 210 | 30,081 | 143 |
| | 36000LM | 235 | 36,529 | 155 |
| | 48000LM | 324 | 48,661 | 150 |
| | 60000LM | 421 | 59,452 | 141 |

*Values shown are at 120V.

| CPHB HEF | Glare Control Lens, Medium Distribution | | | |
|----------------------------------|---|---------|--------------|-----|
| | Lumen Package | Wattage | Lumen Output | LPW |
| Delivered Lumens 4000K, 80CRI | 9000LM | 55 | 8,861 | 161 |
| | 12000LM | 75 | 12,056 | 161 |
| | 15000LM | 96 | 14,875 | 155 |
| | 18000LM | 127 | 18,936 | 149 |
| | 24000LM | 150 | 23,740 | 158 |
| | 30000LM | 196 | 29,644 | 152 |
| | 36000LM | 210 | 35,409 | 169 |
| | 48000LM | 292 | 47,480 | 163 |
| | 60000LM | 378 | 59,274 | 157 |

| | | | | |
|----------------------------------|---------|-----|--------|-----|
| Delivered Lumens 5000K, 80CRI | 9000LM | 55 | 9,002 | 164 |
| | 12000LM | 75 | 12,248 | 163 |
| | 15000LM | 96 | 15,111 | 157 |
| | 18000LM | 127 | 19,236 | 151 |
| | 24000LM | 150 | 24,117 | 161 |
| | 30000LM | 196 | 30,115 | 154 |
| | 36000LM | 210 | 35,971 | 171 |
| | 48000LM | 292 | 48,234 | 165 |
| | 60000LM | 378 | 60,215 | 159 |

SCALING FACTOR TABLES

| Multipliers | |
|-------------|-------|
| ND | 1.037 |
| WD | 1.004 |
| WGX | 0.95 |

CPHB CHARACTERISTICS

| Lumen package | Wattage | | | | | | | | Length | Width | Depth | Weight | Comparable light source |
|---------------|---------------------------|------|------|------|-----------------------|------|------|------|--|-------------|-----------|----------------------|-------------------------------------|
| | Standard Efficiency (SEF) | | | | High Efficiency (HEF) | | | | | | | | |
| | 120V | 277V | 347V | 480V | 120V | 277V | 347V | 480V | Dimensions shown in inches (centimeters) | | | Shown in pounds (kg) | |
| 9000LM | 61 | 60 | 60 | 60 | 55 | 54 | 54 | 54 | 14.4 (36.6) | 11.5 (29.2) | 2.3 (5.8) | 5 (2.2) | 100W MH, 4-lamp T8 NBF |
| 12000LM | 88 | 88 | 88 | 87 | 75 | 74 | 74 | 74 | 14.4 (36.6) | 11.5 (29.2) | 2.3 (5.8) | 5 (2.2) | 175W MH, 4-lamp T8 HBF, 2-lamp T5HO |
| 15000LM | 105 | 104 | 104 | 103 | 96 | 95 | 95 | 94 | 14.4 (36.6) | 11.5 (29.2) | 2.3 (5.8) | 5 (2.2) | 200W MH, 6-lamp T8 NBF |
| 18000LM | 133 | 132 | 144 | 144 | 127 | 126 | 138 | 138 | 14.4 (36.6) | 11.5 (29.2) | 2.3 (5.8) | 6.5 (2.9) | 250W MH, 6-lamp T8 HBF, 4-lamp T5HO |
| 24000LM | 174 | 174 | 173 | 173 | 150 | 149 | 149 | 149 | 22.8 (57.9) | 11.5 (29.2) | 2.3 (5.8) | 8 (3.6) | 400W MH, 6-lamp T5HO |
| 30000LM | 210 | 209 | 208 | 208 | 196 | 194 | 194 | 194 | 22.8 (57.9) | 11.5 (29.2) | 2.3 (5.8) | 8 (3.6) | 575W MH, 10-lamp T8 HBF |
| 36000LM | 235 | 235 | 234 | 234 | 210 | 208 | 208 | 208 | 44 (111.8) | 11.5 (29.2) | 2.3 (5.8) | 14 (6.35) | 750W MH, 8-lamp T5HO |
| 48000LM | 324 | 322 | 320 | 320 | 289 | 287 | 286 | 285 | 44 (111.8) | 11.5 (29.2) | 2.3 (5.8) | 14 (6.35) | 875W MH, 10-lamp T5HO |
| 60000LM | 421 | 421 | 419 | 419 | 374 | 372 | 371 | 370 | 44 (111.8) | 11.5 (29.2) | 2.3 (5.8) | 14 (6.35) | 1000W MH |

*Dimensions & weights shown for standard product configurations without optional components

PROJECTED LUMEN MAINTENANCE

| | | | | | | | | | | |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Operating hours | 10,000 | 20,000 | 30,000 | 40,000 | 50,000 | 60,000 | 70,000 | 80,000 | 90,000 | 100,000 |
| Lumen maintenance factor | 0.98 | 0.96 | 0.93 | 0.91 | 0.89 | 0.87 | 0.85 | 0.83 | 0.81 | 0.79 |

BATTERY INFORMATION

EMERGENCY BATTERY PACK OPTIONS

| Nomenclature | Part Number | Utilizes BPK option | Field installable (remote mount only) |
|------------------------|----------------------------------|---------------------|---------------------------------------|
| E10W (MVOLT only) | ILD 10 MVOLT LQD 10-5 | Yes | Yes |
| E10WCP (MVOLT only) | PS1055CP | Yes | Yes |
| E15WMCP (MVOLT only) | PS1555MCP | Yes | No |
| IE10WMCP (HVOLT only) | ILBHI CP10 HE SD LCSTICK | Yes | No |
| IE15WMCP (HVOLT only) | ILBHI CP15 HE SD LCSTICK | Yes | No |
| IE20WCPHE (MVOLT only) | ILBLP CP20 HE SD | No | Yes |

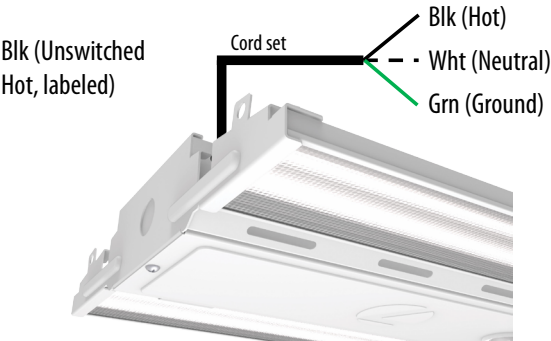
| EMERGENCY LUMENS GCL, MD (5000K, 80CRI) | | | |
|---|---------------|--------------|---------|
| | Lumen Package | E10W/ E10WCP | E15WMCP |
| SEF | 9000 | 1784 | 2738 |
| | 12000 | 1778 | 2729 |
| | 15000 | 1734 | 2701 |
| | 18000 | 1796 | 2744 |
| | 24000 | 1847 | 2845 |
| | 30000 | 1884 | 2868 |
| | 36000 | 1890 | 2915 |
| | 48000 | 1888 | 2912 |
| | 60000 | 1872 | 2853 |

| EMERGENCY LUMENS GCL, MD (5000K, 80CRI) | | | |
|---|---------------|--------------|---------|
| | Lumen Package | E10W/ E10WCP | E15WMCP |
| HEF | 9000 | 1916 | 2911 |
| | 12000 | 1914 | 2909 |
| | 15000 | 1919 | 2914 |
| | 18000 | 1916 | 2898 |
| | 24000 | 1966 | 2984 |
| | 30000 | 1945 | 2952 |
| | 36000 | 2058 | 3125 |
| | 48000 | 2057 | 3124 |
| | 60000 | 2065 | 3137 |

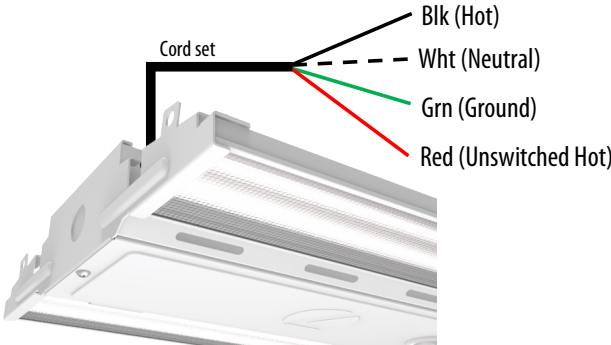
Emergency Batteries & Cord Sets - WIRING

When battery is ordered with a **3-conductor cord set** and **24/7 operation**

Ideal for use with battery + SENSOR to control fixture on/off based on occupancy. Order option 247OP to receive wired for this scenario. When 247OP is ordered driver black (Hot) and battery red (Hot) will be wired together inside driver channel.



When battery is ordered with a **4-conductor cord set**...



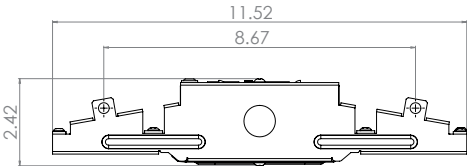
Emergency Batteries & Cord Set Notes

- When a battery is ordered with a 3 conductor cord set, 247OP option is required.
- The 3 conductor cord set will include the hot (BLK), neutral (WHT), and ground (GRN) conductors. 24/7 operation means the design intent is for the fixture to always receive power and never be switched off. This ensures the battery is always being charged. When 247OP is ordered with a 3/c cord set, the red battery hot will be wired to the normal hot inside the driver channel, and the new hot wire lead will exit the fixture with the ground and neutral wires. Consult local codes to determine if this is allowable.
- When a battery is ordered with a 4 conductor cord set...
- The unswitched hot will be included in the cord set as a separate conductor (RED).

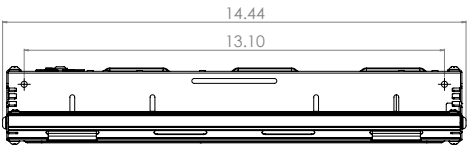
MOUNTING ACCESSORIES



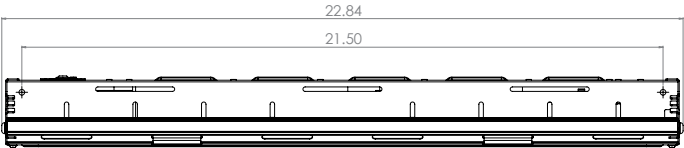
ZACVH
(mounts in holes on fixture channel)



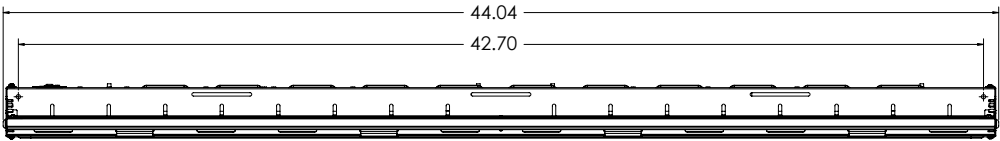
End View: CPHB 9000LM - 60000LM



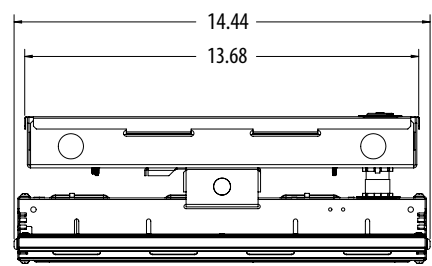
Side View: 9000LM, 12000LM, 15000LM, 18000LM



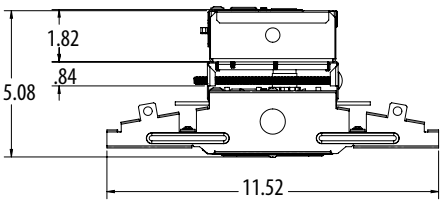
Side View: 24000LM, 30000LM



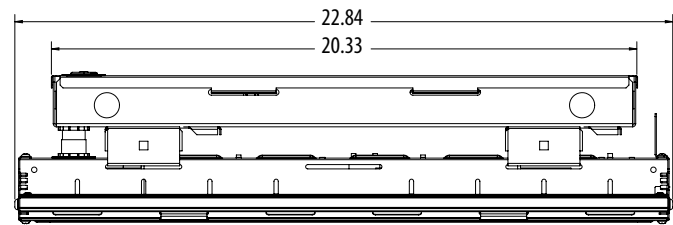
Side View: 36000LM, 48000LM, 60000LM



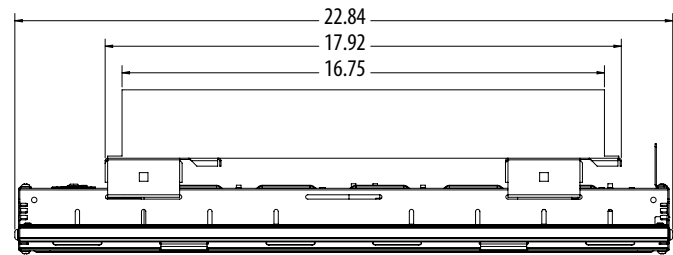
CPHB 9000LM - 18000LM WITH E10WCP/E15WMCP



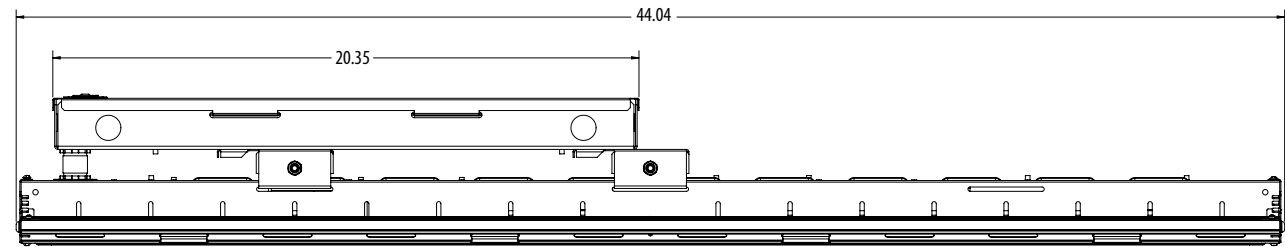
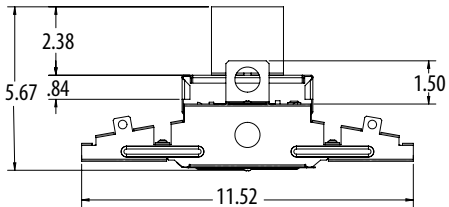
CPHB 9000LM - 60000LM WITH E10WCP/E15WMCP



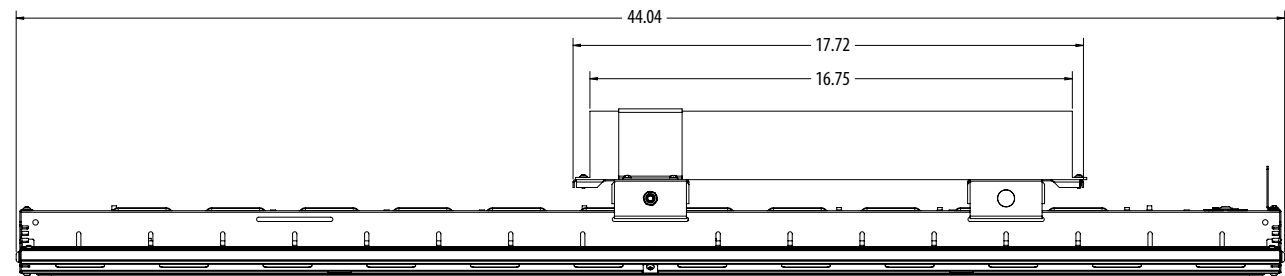
CPHB 24000LM - 30000LM WITH E10WCP/E15WMCP



CPHB 24000LM - 30000LM WITH IE20WCPHE

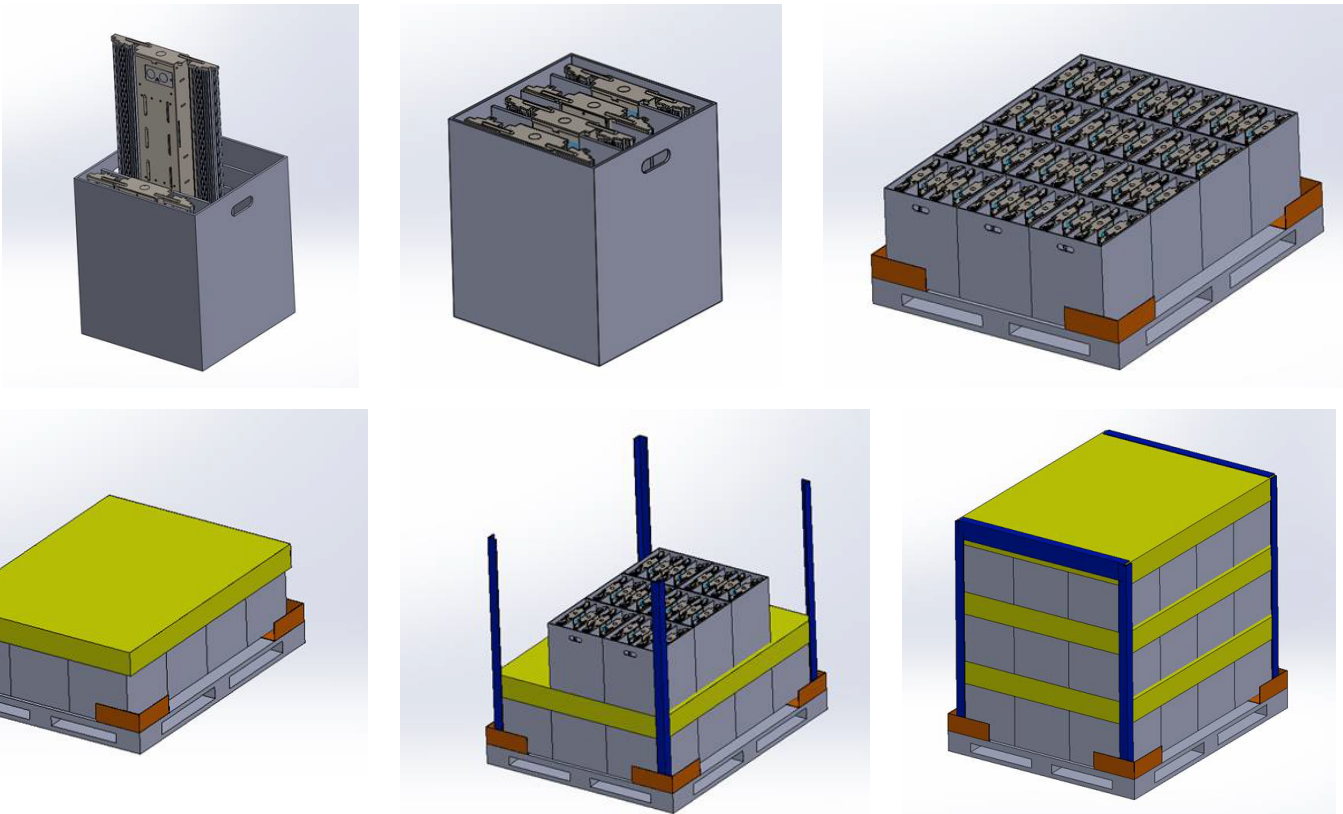


CPHB 36000LM - 60000LM WITH E10WCP/E15WMCP



CPHB 36000LM - 60000LM WITH IE20WCPHE

JOB PACK DETAILS



*Representative of Job Pack design for 14" standard units.

| Series | Performance | Lumens | Standard Fixture | Cord Set or RELOC® JP | Wireguard JP | Sensor JP |
|--------|-------------|---------|------------------|-----------------------|--------------|-----------|
| CPHB | SEF/HEF | 9000LM | 144 | 144 | 144 | 90* |
| | | 12000LM | | | | |
| | | 15000LM | | | | |
| | | 18000LM | | | | |
| | | 24000LM | 96 | 96 | 96 | 60* |
| | | 30000LM | | | | |
| | | 36000LM | 45* | 30* | 30* | 30* |
| | | 48000LM | | | | |
| | | 60000LM | | | | |

*Traditional Job Pack

| Breakout Example: | | |
|-------------------|----------|--|
| Ordered Line: | Qty: 200 | CPHB 24000LM SEF GCL MD MVOLT GZ10 40K 80CRI CNPW DWH JP |
| | | *Above configuration shows 96 units for Job Pack |
| Breakout Line 1: | Qty: 192 | CPHB 24000LM SEF GCL MD MVOLT GZ10 40K 80CRI CNPW DWH JP96 |
| | | *Will have 2 pallets of 96 units each in job packs |
| Breakout Line 2: | Qty: 8 | CPHB 24000LM SEF GCL MD MVOLT GZ10 40K 80CRI CNPW DWH |
| | | *Balance will ship in unit cartons |

Note: If quantity ordered is less than Job Pack quantity for that configuration, the breakout line will default to unit packs.

STANDARD SENSOR

| | | Standard Sensor or Control Device (commonly used with Battery Pack Option) | EM Solution (Used when switching single incoming hot to generator power) | ER Solution (Used when switching to generator power via a 2nd hot lead) |
|-------------------------------|-----------------------------------|--|---|---|
| Emergency Operation Scenarios | Emergency Lighting Strategy | *Luminaire-integral battery pack and emergency driver *Generator transfer device | *Diesel genset emergency backup supply *Slow transfer inverter (>30ms) emergency backup supply | *Fast Transfer (FT) inverter 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. | *UL 924 listed *EM devices will remain at their high-end trim and ignore wireless lighting control commands, such as in the event of a normal power failure, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds. * Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts. *Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing. | *UL 924 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. |

| | Function | Sequence of Operations | Standard Sensor or Control Device | EM Solution (Generator / Inverter powered with 1 hot) | ER Solution (Generator / Inverter on separate emergency circuit – 2 hots) | CPHB Standard Sensor Settings | | | | |
|---|--------------------------------|---|-----------------------------------|--|--|-------------------------------|-----------------------|-----------|------------------|---------------------|
| | | | | | | Vacancy Time Out | Dim to Off Time Delay | High Trim | Low Trim | Photocell Set Point |
| Standalone Sensors (Individual control per fixture) | On/Off | Lights turn on when motion detected; Upon vacancy, Lights turn off after timeout. | PIRHKO | - | PIRHKO ER | 10 min | - | - | - | - |
| | 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. | PIRHKO HL | - | PIRHKO HL ER | 10 min | 2.5 min | 100% | 10% (Driver Low) | - |
| | 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. | PIRHKO P | - | PIRHKO P ER | - | - | - | - | 4 fc |
| | 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, then turn off after timeout; During occupancy, automatically raise and lower electric light level to maintain set point and turn off, depending on ambient light. | APIRHKO | - | APIRHKO ER | 10 min | 2.5 | - | - | 4 fc |
| | Dimming + Photocell + High/Low | 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. | APIRHKO ANL | - | APIRHKO ANL ER | 10 min | - | 100% | 10% | 4 fc |
| Note: For 360° integral Low Mount sensors, replace "6" in nomenclature with "10". Ex. LSXR10 P. For High Aisle Mount sensors, replace "6" with "50". | | | | | | | | | | |

| | | | | | | | | | | |
|--|---------------------------------|---|---------------|-------------------|-------------------|---------|---|------|------------------|-------|
| nLight AIR Wireless Sensors | Dimming + Photocell + Occupancy | Wirelessly programmable network sensor – On/Off control with dimming, occupancy detection, and daylight harvesting (Sensor embedded in fixture) | NLTAIR2 APIRH | NLTAIREM2 APIRHKO | NLTAIRER2 APIRHKO | 7.5 min | - | 100% | 30% | 50 fc |
| | Dimming | Wirelessly programmable On/Off control with dimming – no sensor (Device embedded in fixture) | NLTAIR2 | NLTAIREM2 | NLTAIRER2 | - | - | 100% | 10% (driver low) | - |
| Note: For 360° integral Low Mount sensors, replace "45" in nomenclature with "7". EM sensors/controls are KO-mounted; all others integral. RPP20 D EM de-rates fixture to Damp Location. | | | | | | | | | | |

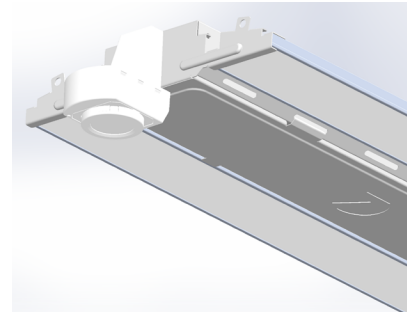
*All ER solutions include standard sensor or control device with a factory-installed Iota ETS#-DR (UL924 bypass device). This device is integral to the fixture and will include a hot and neutral lead for the dedicated emergency circuit. MVOLT, 120-277 only. ER solutions are not available with the IMP option.

Fixture Mount Occupancy Sensor

(see www.AcuityControls.com for additional information)

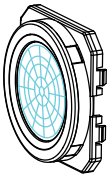
- Three interchangeable lens options to satisfy multiple mounting heights and coverage pattern requirements.
- Integrated mounting bracket drops lens down 3" from chase nipple.
- Single or dual relay versions — designed with robust protection from the harsh switching requirements of T5 and LED loads.
- Photocell and 0-10VDC dimming options.
- No PIR field calibration or sensitivity adjustments required.
- Sensor ambient temperature rating of 14°F (-10°C) to 131°F (55°C).

| New sensor nomenclature. | LSXR configuration | Comparable CMRB sensor | Old style sensor nomenclature |
|--|---------------------|------------------------|-------------------------------|
| For shortest lead times use one of the following LSXR configurations | | | |
| | LSXR50 / LC0ZU | CMRB 50 | MSI |
| | LSXR50 HL / LCH0SZU | CMRB 50 D | MSID |
| | LSXR50 P / LCPZU | CMRB 50 P | MSIPED |
| | LSXR6 / LA0ZU | CMRB 6 | MSI360 |
| | LSXR6 HL / LAH0SZU | CMRB 6 D | MSI360D |
| | LSXR6 P / LAPZU | CMRB 6 P | MSI360PED |



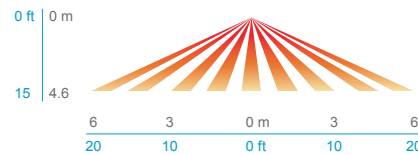
LSXR COVERAGE PATTERNS

HIGH MOUNT 360° LENS (#6)

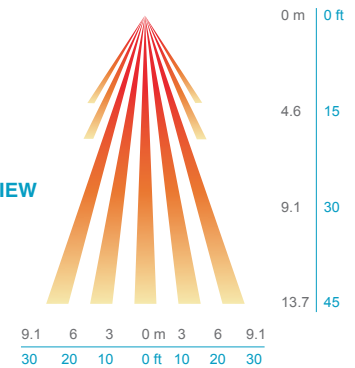


- Best choice for 15 to 45 ft (4.57 to 13.72 m) mounting heights
- 15 to 20 ft (4.57 to 6.10 m) radial coverage overlaps area lit by a typical high bay fixture
- Excellent detection of large motion (e.g. walking) up to a 35 ft (10.76 m) mounting height
- Excellent detection of extra large motion (e.g. forklifts) up to a 45 ft (13.72 m) mounting height

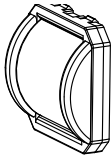
LOW VIEW



HIGH VIEW

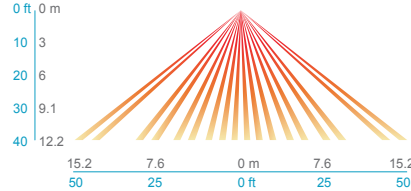


HIGH MOUNT AISLEWAY LENS (#50)

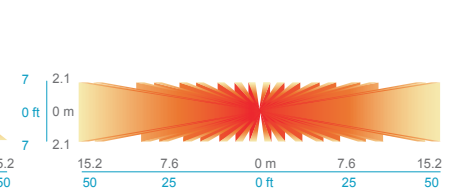


- Provides a bi-directional coverage pattern ideal for warehouse racking
- 1.2x mounting height equals approximate detection range in either direction
- Typical 40 ft (12.19 m) mounting detects 50 ft (15.24 m) in either direction
- Superior aisleway coverage compared to a masked 360° lens

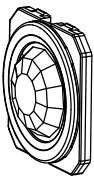
SIDE VIEW



TOP VIEW

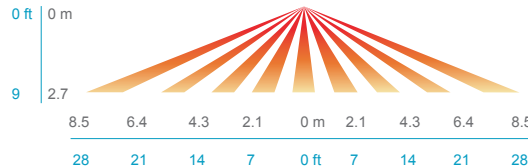


LOW MOUNT 360° LENS (#10)

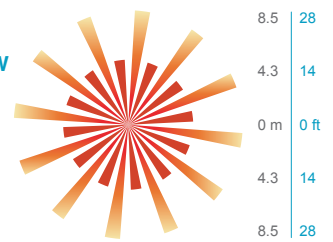


- Best choice for large motion detection (e.g. walking)
- 360° conical shaped pattern
- Provides ~24 ft (7.32 m) radial coverage (~2000 ft²) when mounted at 9 ft (2.74 m)
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide 16 to 36 ft (4.88 to 10.97 m) radial coverage
- Detection range improves when walking across beams compared to into beams

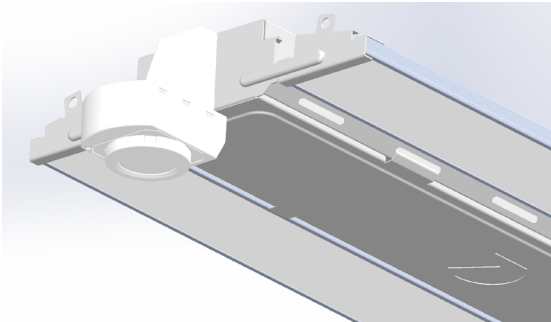
SIDE VIEW



TOP VIEW

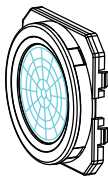


nLIGHT AIR CONTROLS – NLTAIR2 APIRKO, APIRHKO, OR APIRAKO

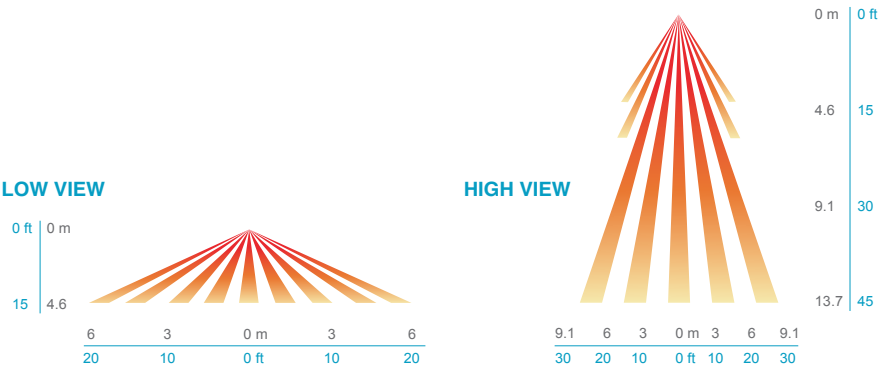


NLTAIR2 APIRKO, APIRHKO, or APIRAKO COVERAGE PATTERNS

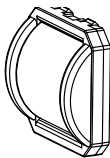
HIGH MOUNT 360° LENS (#6)



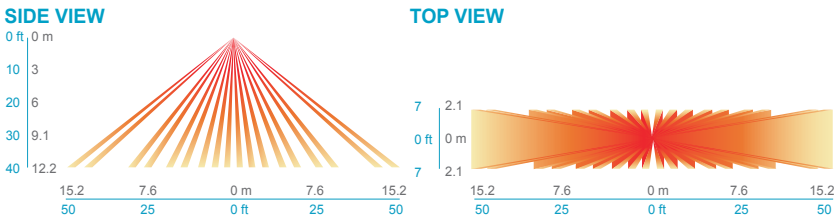
- Best choice for 15 to 45 ft (4.57 to 13.72 m) mounting heights
- 15 to 20 ft (4.57 to 6.10 m) radial coverage overlaps area lit by a typical high bay fixture
- Excellent detection of large motion (e.g. walking) up to a 35 ft (10.76 m) mounting height
- Excellent detection of extra large motion (e.g. forklifts) up to a 45 ft (13.72 m) mounting height



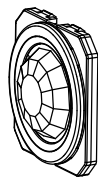
HIGH MOUNT AISLEWAY LENS (#50)



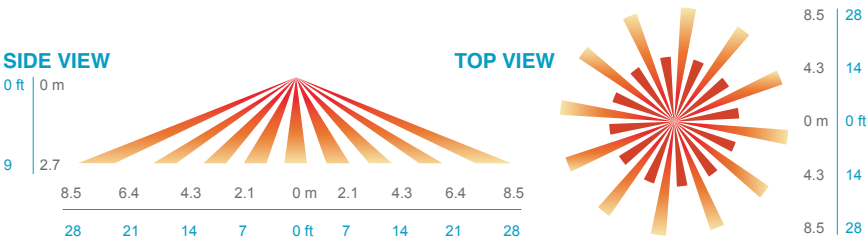
- Provides a bi-directional coverage pattern ideal for warehouse racking
- 1.2x mounting height equals approximate detection range in either direction
- Typical 40 ft (12.19 m) mounting detects 50 ft (15.24 m) in either direction
- Superior aisleway coverage compared to a masked 360° lens



LOW MOUNT 360° LENS (#10)

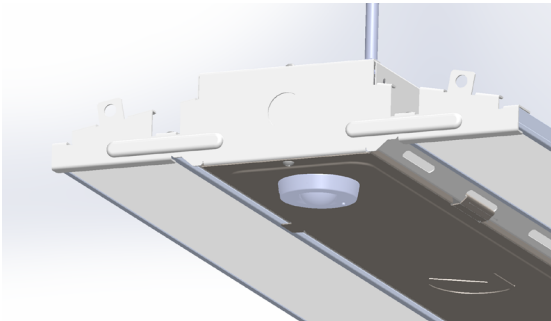


- Best choice for large motion detection (e.g. walking)
- 360° conical shaped pattern
- Provides ~24 ft (7.32 m) radial coverage (~2000 ft²) when mounted at 9 ft (2.74 m)
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide 16 to 36 ft (4.88 to 10.97 m) radial coverage
- Detection range improves when walking across beams compared to into beams



NLTAIR2 APIR, APIRH, OR APIRA

- 100% digital PIR detection
- Combined daylight and occupancy sensor
- Fully dimmable via digital or analog dimming protocols, providing the right amount of light for the application and to optimize energy savings
- Optional UL 924 emergency functionality via EM option, which eliminates wiring for sensing normal power

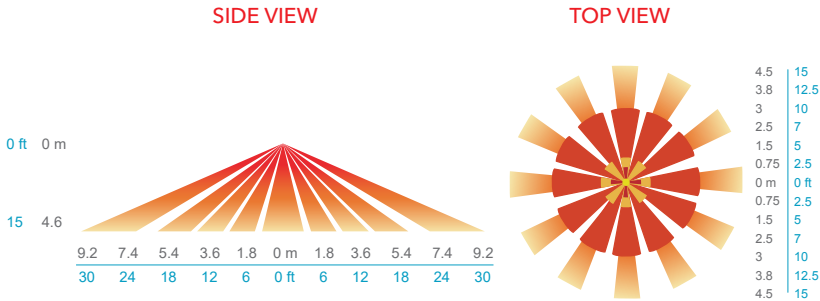


COVERAGE PATTERN

Lens rotates 15 deg to enable adjustment. Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor.

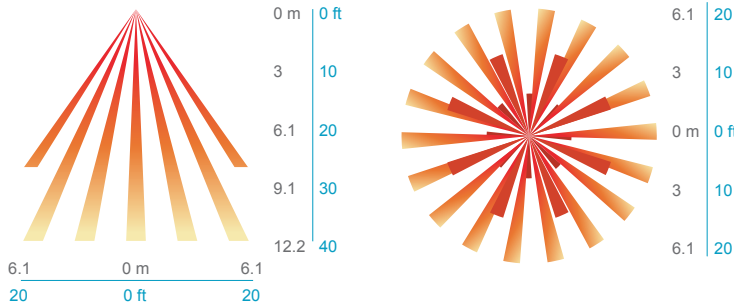
7 – MINI LOW-BAY 360°

- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m) and 20 ft (6.10 m)
- Initial detection of walking motion along sensor axis at distances of 2x the mounting height up to 15 ft (4.57 m) and 1.75x up to 20ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of small motion when mounted at 9 ft (2.74 m)



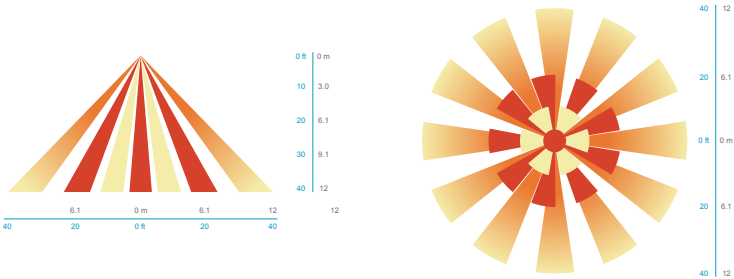
30 – UNIVERSAL 360°

- Provides excellent detection of large motion (e.g. walking) when mounted between 15 to 40 ft (4.57 to 12.19 m)
- 15 to 20 ft (4.57 to 6.10 m) radial coverage overlaps area lit by a typical high bay fixture
- Recommended for fixtures that have a 1:1 spacing to mounting height ratio or less (e.g. fixtures 30' on center or less @ a 30' mounting height.)



45 – HIGH MOUNT 360°

- Optimized full coverage pattern for 10 – 40 ft. (3.1 – 12 m)
- Reliable detection of large motion (e.g. pedestrian walking traffic) up to 30 ft. (9.1 m) mounting height
- Reliable detection of extra-large motion (e.g. forklift traffic) up to 40 ft. (12 m) mounting height



IMP – Integrated Modular Plug

- The integrated modular plug (IMP) option allows the installer to plug and play a multitude of accessories.
- Cord sets connect quickly to any fixture with IMP option.
- IMP accessories include occupancy sensors, photocells, X-point relays.

| IMP compatible cord sets ¹ | |
|---------------------------------------|-------------------------------|
| CS1WIMP | Straight plug, 120V |
| CS3WIMP | Twist-lock, 120V |
| CS7WIMP | Straight plug, 277V |
| CS11WIMP | Twist-lock, 277V |
| CS25WIMP | Twist-lock, 347V |
| CS93WIMP | 600V SEOW white cord, no plug |
| CS97WIMP | Twist-lock, 480V |

Ordering Example
Order As: Qty 1 – IBG 12000LM SEF AFL GND 120 GZ10 40K 80CRI IMP CP5BW DWH
Ships As: Qty 1 – IBG 12000LM SEF AFL GND MVOLT GZ10 40K 80CRI DWH
Qty 1 – CS1WIMP

Notes
¹ Cord set required for fixture operation. All cord sets are 18/3, 6' white.

RRL – RELOC®-Ready Luminaire

- RRL connectors to be used with the OnePass system.
- Load side of connector factory installed to luminaire.
- 4-pole mating connector with push-in terminations allows for simple installation.
- Touch-safe design on both halves meets UL/CSA requirement.
- Wiping contact design allows safe disconnect under load.



ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example: RRLA**

| Series | Wiring instructions |
|----------------------------|---|
| RRL RELOC®-ready luminaire | A Hot conductor wired to position #1 (phase A); non-dimming B Hot conductor wired to position #2 (phase B); non-dimming AE Hot conductor wired to position #1 (phase A), hot conductor #2 wired to position #2 (phase B); non-dimming ¹ C12S Hot conductor in position #1 (phase A), low voltage conductor #1 in position #2, low voltage conductor #2 in position #3; dimming ² |

Compatible RELOC® Cables for Industrial Luminaires (ordered and shipped separately)
(click to view RELOC product page for more information)



Notes
¹ AE commercial fixtures should disconnect the TSPL before unplugging the RRL so it does not go into discharge mode. Requires fixture to have battery option.
² C12S option is used with the OnePass for 0-10V/DALI applications. Not for use with dimming sensors.