# LITHONIA LIGHTING®

**LED Linear**

# CLX

**24", 36", 48" and 96" Lengths**

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The CLX is a linear lighting solution that is available in multiple lengths, lumen packages and distributions. Designed for versatility, the CLX can address virtually any indoor lighting need. The CLX is also offered in standard and high efficacy configurations and capable of being continuous row mounted or installed as a stand-alone fixture. Ideal for uplight and downlight in commercial, retail, manufacturing, warehouse, and display applications. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.**

**CONSTRUCTION** — Channel and cover are formed from code-gauge cold-rolled steel.

Finish: Paint options include high-gloss, baked white polyester (WH), galvanized (GALV), matte black (MB) and smoke gray (SKGY). Five-stage iron phosphate pre-treatment ensures superior paint adhesion and rust resistance. Housing and lens endcaps are injection molded plastic to provide a more architectural look and feel. The endcaps come standard with a knock out for continuous mounting but can be ordered without.

**OPTICS** — Offered in lens and less lens configurations. Provides a choice of optical distributions including, wide, narrow, and aisle.

**ELECTRICAL** — Utilizes high-output LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Optional internal pluggable wiring harness for reduced labor cost in row mounting applications. (See PLR_ ordering information on page 8.) Electronic LED driver is rated for 75 input watts maximum (see Operational Data on page two for actual wattage consumption), multi-volt input and 0-10V dimming standard. This fixture is designed to withstand a maximum line surge of 2.5kV at 0.75kA combination wave for indoor locations, for applications requiring higher level of protection additional surge protection must be provided.

Enabled with Atrius™ - The CLX is enabled with Atrius™, making it part of the Atrius™ Sensory Network and ready to deliver valuable data and connectivity to the Atrius™ Platform. For more information concerning Atrius™ solutions, please refer to www.acuitybrands.com/atrius.

LEDs provide nominal 80 CRI or 90CRI at 3000 K, 3500 K,4000 K, or 5000 K.

Lumen output up to 2,500 lumens per foot.

**INSTALLATION** — Fixture may be ceiling or wall mounted (with or without THCLX hanger or angle mounted with CLXANGBRT), pendant or stem mounted with appropriate mounting options.

**LISTINGS** — CSA certified to US and Canadian safety standards. For use in damp locations between -4°F (-20°C) and 104°F (40°C). Optional High Ambeint (HA) ranging to 122°F(50°C) available on certian lumen packages.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms__and_conditions.aspx

**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.

**Flat Diffuse Lens**

**Round Diffuse Lens**

**Wide Diffuse Lens**

LED    ENABLED WITH ATRIUS™

### Stock configurations are offered for shorter lead times:

| Stock Part Number | UPC |
|---|---|
| CLX L48 3000LM FDL MVOLT 40K 80CRI WH | 00191723525816 |
| CLX L48 3000LM FDL MVOLT 50K 80CRI WH | 00191723525885 |
| CLX L48 5000LM FDL MVOLT 40K 80CRI WH | 00191723525939 |
| CLX L48 5000LM FDL MVOLT 50K 80CRI WH | 00191723525908 |
| CLX L96 6000LM FDL MVOLT 40K 80CRI WH | 00191723525861 |
| CLX L96 6000LM FDL MVOLT 50K 80CRI WH | 00191723525915 |
| CLX L96 10000LM FDL MVOLT 40K 80CRI WH | 00191723525922 |
| CLX L96 10000LM FDL MVOLT 50K 80CRI WH | 00191723525830 |
| CLX L48 3000LM RDL MVOLT 40K 80CRI WH | 00191723525960 |
| CLX L48 3000LM RDL MVOLT 50K 80CRI WH | 00191723525892 |
| CLX L48 5000LM RDL MVOLT 40K 80CRI WH | 00191723525854 |
| CLX L48 5000LM RDL MVOLT 50K 80CRI WH | 00191723525946 |
| CLX L96 6000LM RDL MVOLT 40K 80CRI WH | 00191723525878 |
| CLX L96 6000LM RDL MVOLT 50K 80CRI WH | 00191723525823 |
| CLX L96 10000LM RDL MVOLT 40K 80CRI WH | 00191723525953 |
| CLX L96 10000LM RDL MVOLT 50K 80CRI WH | 00191723525847 |

# CLX LED Linear

| Series | Length | | Nominal lumens[1] | | Performance package | | Louver | | Lens | |
|---|---|---|---|---|---|---|---|---|---|---|
| CLX   LED linear | L24 | 24"[1,2,3] | 1500LM | 1,500 lumens | SEF | Standard efficiency[4] | (Blank) | Less louver | L/Lens | Less lens[6] |
| | | | 2000LM | 2,000 lumens | HEF | Premium efficiency | SBLW | Straight blade louver, white[5] | FDL | Flat diffuse[7,8,9] |
| | | | 2500LM | 2,500 lumens | | | SBLMB | Straight blade louver, matte black[5] | RDL | Round diffuse[7,8,9] |
| | | | 3500LM | 3,500 lumens | | | SBLGV | Straight blade louver, galvanized[5] | WDL | Wide diffuse[7,8] |
| | | | 4500LM | 4,500 lumens | | | SBLSKGY | Straight blade louver, smoke gray[5] | | |
| | | | 5000LM | 5,000 lumens | | | | | | |
| | L36 | 36"[1,3] | 2250LM | 2,250 lumens | | | | | | |
| | | | 3000LM | 3,000 lumens | | | | | | |
| | | | 3750LM | 3,750 lumens | | | | | | |
| | | | 5250LM | 5,250 lumens | | | | | | |
| | | | 6750LM | 6,750 lumens | | | | | | |
| | | | 7500LM | 7,500 lumens | | | | | | |
| | L48 | 48" | 3000LM | 3,000 lumens | | | | | | |
| | | | 4000LM | 4,000 lumens | | | | | | |
| | | | 5000LM | 5,000 lumens | | | | | | |
| | | | 7000LM | 7,000 lumens[3] | | | | | | |
| | | | 9000LM | 9,000 lumens[3] | | | | | | |
| | | | 10000LM | 10,000 lumens[1,3] | | | | | | |
| | L96 | 96" | 6000LM | 6,000 lumens | | | | | | |
| | | | 8000LM | 8,000 lumens | | | | | | |
| | | | 10000LM | 10,000 lumens | | | | | | |
| | | | 14000LM | 14,000 lumens[3] | | | | | | |
| | | | 18000LM | 18,000 lumens[3] | | | | | | |
| | | | 20000LM | 20,000 lumens[1,3] | | | | | | |

| Distribution | | Voltage | | | | Driver | | Color temperature | | Coloring rendering index | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| (Blank) | General | MVOLT | 120-277V | 277 | 277V | GZ10 | 0 -10V dimming[12] | 30K | 3000 K | 80CRI | 80 CRI |
| ND | Narrow[8] | 120 | 120V | 347 | 347V[10] | EZ1 | Dimming to 1%[13] | 35K | 3500 K | 90CRI | 90 CRI |
| WD | Wide[8] | 208 | 208V | 480 | 480V[10] | EOHN | EldoLED dimming[12,14] | 40K | 4000 K | | |
| AD | Aisle[8] | 240 | 240V | | | | | 50K | 5000 K | | |

| Options | | | | | | Finish | |
|---|---|---|---|---|---|---|---|
| PS1050 | Emergency battery pack, not available with BGTD[15] | PLR1LVG | Plug-in wiring, low voltage dimming | **nLight® Wired Networking:** | | WH | White |
| BGTD | Generator transfer device, not avaialble with PS1050[15] | RRL__ | RELOC®-ready luminaire. See page 8 for ordering information | N100 | nLight® without lumen management | GALVW | Galvanized with white lens end caps |
| OCS | 5', 18/3 Reloc selectable One Pass cable[16] | SPD | Surge protection device, provides up to 6Kv protection[16] | NES7 | nLight® nES 7 PIR integral occupancy sensor | | |
| HA | HIgh ambient, for use in ambient temperatures up to 50°C[17] | | | NESPDT7 | nLigh® nES PDT 7 dual technology integral occupancy control | GALVB | Galvanized with black lens end caps |
| OUTCTR | Wiring leads pulled through back center of fixture | **Enabled with Atrius™:** | | NES7ADCX | nLight® nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell | | |
| OUTEND | Wiring leads pulled through end of fixture | AE1CD | Atrius™ enabled, platform 1, VLC and bluetooth positioning, digital driver[A,B] | NESPDT7ADCX | nLight® nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell | MB | Matte black |
| CS1W | Staight blade plug, 120V[16] | | | | | SKGYW | Smoke gray with white lens end caps |
| CS3W | NEMA twist-lock plug, 120V[16] | AE1BA | Atrius™ enabled, platform 1,Bluetooth positioning, analog driver[A,C] | **nLight® Wireless Networking:** | | | |
| CS7W | Staight blade plug, 277V[16] | | | RES7N | nLight® AIR PIR integral occupancy sensor with automatic dimming photocell for networking capabilities | | |
| CS11W | NEMA twist-lock plug, 277V[16] | **Individual controls:** | | | | SKGYB | Smoke gray with black lens end caps |
| CS25W | NEMA twist-lock plug, 347V[16] | MSD7 | PIR integral occupancy sensor | | | | |
| CS97W | NEMA twist-lock plug, 480V[16] | MSDPDT7 | PDT 7 dual technology integral occupancy control | **nLight® Wireless Zone:** | | | |
| CS93W | 600V SEOOW white cord, no plug (no voltage required) | MSD7ADC | PIR integral occupancy sensor with automatic dimming control photocell | RES7Z | nLight Air PIR integral occupancy sensor with automatic dimming photocell for zone control | | |
| CS6G16ST0WD5D | 6' white cord, 16/5, no plug, includes low voltage dimming wires | MSDPDT7ADC | PDT integral occupancy sensor with automatic dimming control photocell | **Xpoint™ Wireless:** | | | |
| PLR__ | Plug-in wiring, see page 9 for ordering information | | | XAD | XPoint™ Wireless 0-10V relay, internal, lower max ambient[18] | | |
| | | | | XAD924 | XPoint™ Wireless 0-10V relay, internal, lower max ambient with emergency relay (UL924 compliant) | | |

See Accessories and footnotes on next page

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

| | | | | | |
|---|---|---|---|---|---|
| ZACVH | Aircraft cable 120" (one pair) | THCLX __ | Tong hanger (Must specify color) (one pair) | CLXRW96 | Wide decorative 96" reflector |
| ZAC120 | One adjustable aircraft cable with canopy 120" | CLXANGBKT ____ | Angle bracket, (one pair) | CLXRWU24 | Wide decorative 24" reflector with uplight |
| ZACFP120 | One adjustable aircraft cable with feed (3 conductor) and canopy, 120" | HC36 | Hanger chain, 36" (one pair) | CLXRWU36 | Wide decorative 36" reflector with uplight |
| ZACFPD120 | One adjustable aircraft cable with feed (5 conductor) and canopy 120" | LSXR | Sensor Switch ® LSXR occupancy sensor | CLXRWU48 | Wide decorative 48" reflector with uplight |
| ZAC240 | One adjustable aircraft cable with canopy 240" | NPP16D | nLight® switching/dimming module | CLXRWU96 | Wide decorative 96" reflector with uplight |
| ZACFP240 | One adjustable aircraft cable with feed (3 conductor) and canopy, 240" | NPP16DER | nLight® switching/dimming module with emergency relay | CLXRN24 | Narrow 24" reflector[19] |
| | | | | CLXRN36 | Narrow 36" reflector[19] |
| ZACFPD240 | One adjustable aircraft cable with feed (5 conductor) and canopy 240" | XPA CMRB0 | XPoint™ Wireless 0-10V relay, external , 55°C max ambient | CLXRN48 | Narrow 48" reflector[19] |
| | | | | CLXRN96 | Narrow 96" reflector[19] |
| SQ_ | Stem kit, 2" increments up to 48" | CLXRW24 | Wide decorative 24" reflector | WGCLX24 | 24" wireguard, white[20] |
| | | CLXRW36 | Wide decorative 36" reflector | WGCLX36 | 36" wireguard, white[20] |
| | | CLXRW48 | Wide decorative 48" reflector | WGCLX48 | 48" wireguard, white, 96" fixture requires two[20] |

**Notes**

1  Not available with EOHN, AE1CD, or AE1BA options.

2  Not available with OUTCTR option.

3  Not available with HA option.

4  Not available with EZ1 when ordered with L24 with 5000LM or L36 with 7500LM.

5  Only available with L24 when ordered with 1500LM or 2000LM and with GZ10 driver.  Not for use with THCLX, CLXANGBKT or WGCLX accessories.  Not available L/LENS or with RDL lens options.

6  Not available with EOHN or AE1CD.

7  Only available with general distribution.

8  Not available with CLXRN accessories.

9  Not available with EOHN or AE1CD.

10  Voltage selected utilizes a step-down transformer.  Not available with L24 when ordered with N100.

11  When continuous row mounting, fixtures must all have the same driver selection.

12  Not available with N100, Enabled with Atrius, Individual controls, nLight wired networking, nLight wireless networking, nLight wireless zone control options.

13  Not available with AE1CD or HA options.

14  Not available with AE1BA or HA options.

15  Requires SPD option. Not available with HA option.

16  Must specify voltage.

17  Not available with PS1050, BGTD, XAD or XAD924 options.

18  Requires SPD option.

19  For use with L/LENS only.

20  Not for use with CLX reflector accessories.

**Enabled with Atrius™ Notes**

A  Not available with L48 10000LM, L96 20000LM, L24 or L36. Not available with Individual controls, nLight wired networking, nLight wireless networking, nLight wireless zone control options. Not available with SBL lovers or WGCLX_ wire guard accessories.

B  Available with EOHN driver only.

C  Available with EZ1 driver only.

## POWER SENTRY EMERGENCY BATTERY PACKS

| | | |
|---|---|---|
| **PS1050** | https://www.acuitybrands.com/products/detail/369448/Power-Sentry/PS1050/Reduced-Profile-LED-Emergency-Battery-Pack | Factory installable |
| **PS1055LCP** | https://www.acuitybrands.com/products/detail/755258/Power-Sentry/PS1055LCP-Battery-Pack/Constant-Power-Field-Installable-LED-Emergency-Driver | Field installable |
| **PS1555LCP** | https://www.acuitybrands.com/products/detail/755258/Power-Sentry/PS1055LCP-Battery-Pack/Constant-Power-Field-Installable-LED-Emergency-Driver | Field installable |

## EMERGENCY LUMENS

| Efficiency Package | SEF | HEF |
|---|---|---|
| **PS1050** | 1400 | 1500 |
| **PS1055LCP** | 1400 | 1500 |
| **PS1555LCP** | 2000 | 2100 |

**Note:** For emergency lumen output of specific model, please consult factory.

**LITHONIA LIGHTING**

## CLX OPERATIONAL DATA

| | Length | Nominal lumen package | Performance package | CRI | Delivered Lumens | | | | Wattage |
| | | | | | Color Temperature | | | | |
| | | | | | 3000K | 3500K | 4000K | 5000K | |
|---|---|---|---|---|---|---|---|---|---|
| FDL | L24 | 2500LM | SEF | 80 | 2307 | 2372 | 2437 | 2495 | 18.41 |
| | | 5000LM | SEF | 80 | 4722 | 4855 | 4989 | 5107 | 41.48 |
| | L36 | 3750LM | SEF | 80 | 3536 | 3636 | 3736 | 3825 | 26.47 |
| | | 7500LM | SEF | 80 | 6652 | 6840 | 7027 | 7194 | 62.6 |
| | L48 | 5000LM | SEF | 80 | 4451 | 4576 | 4702 | 4813 | 34.8 |
| | | 10000LM | SEF | 80 | 9082 | 9338 | 9594 | 9822 | 73.37 |
| | L96 | 10000LM | SEF | 80 | 8649 | 8893 | 9137 | 9354 | 66.47 |
| | | 20000LM | SEF | 80 | 17976 | 18484 | 18991 | 19442 | 146.83 |
| RDL | L24 | 2500LM | SEF | 80 | 2374 | 2441 | 2508 | 2568 | 18.41 |
| | | 5000LM | SEF | 80 | 4860 | 4997 | 5135 | 5256 | 41.48 |
| | L36 | 3750LM | SEF | 80 | 3640 | 3742 | 3845 | 3936 | 26.47 |
| | | 7500LM | SEF | 80 | 6846 | 7040 | 7233 | 7404 | 62.6 |
| | L48 | 5000LM | SEF | 80 | 4581 | 4710 | 4839 | 4954 | 34.8 |
| | | 10000LM | SEF | 80 | 9347 | 9611 | 9875 | 10109 | 73.37 |
| | L96 | 10000LM | SEF | 80 | 8902 | 9153 | 9404 | 9628 | 66.47 |
| | | 20000LM | SEF | 80 | 18502 | 19024 | 19546 | 20010 | 146.83 |
| WDL | L24 | 2500LM | SEF | 80 | 2405 | 2473 | 2541 | 2601 | 18.41 |
| | | 5000LM | SEF | 80 | 4924 | 5063 | 5201 | 5325 | 41.48 |
| | L36 | 3750LM | SEF | 80 | 3687 | 3791 | 3895 | 3988 | 26.47 |
| | | 7500LM | SEF | 80 | 6936 | 7131 | 7327 | 7501 | 62.6 |
| | L48 | 5000LM | SEF | 80 | 4640 | 4771 | 4902 | 5019 | 34.8 |
| | | 10000LM | SEF | 80 | 9469 | 9736 | 10003 | 10241 | 73.37 |
| | | 10000LM | SEF | 80 | 9018 | 9272 | 9527 | 9753 | 66.47 |
| | | 20000LM | SEF | 80 | 18743 | 19272 | 19801 | 20271 | 146.83 |

## LUMENS VS. AMBIENT TEMPERATURE

| Ambient °C | Ambient °F | Lumen Multiplier |
|---|---|---|
| 0 | 32 | 1.013 |
| 5 | 41 | 1.012 |
| 10 | 50 | 1.011 |
| 20 | 68 | 1.005 |
| 25 | 77 | 1 |
| 30 | 86 | 0.995 |
| 35 | 95 | 0.989 |
| 40 | 104 | 0.983 |
| 45 | 113 | 0.979 |
| 50 | 122 | 0.971 |
| 55 | 131 | 0.965 |

# CLX LED Linear

## CLX CHARACTERISTICS

| Lumen package | Wattage | | | | | | | | Length | Width | Depth | Comparable Light Source |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Standard efficiency | | | | High efficiency | | | | Dimensions are shown in inches (centimeters) unless otherwise noted. | | | |
| | 120V | 277V | 347V | 480V | 120V | 277V | 347V | 480V | | | | |
| | 19.9 | 19.9 | 25.9 | 25.9 | 18.5 | 18.5 | 24.5 | 24.5 | | | | |
| | 41.9 | 41.9 | 47.9 | 47.9 | 37.9 | 37.9 | 43.9 | 43.9 | | | | |
| | 28.1 | 28.1 | 34.1 | 34.1 | 27.0 | 27.0 | 33.0 | 33.0 | | | | |
| | 62.9 | 62.9 | 68.9 | 68.9 | 56.8 | 56.8 | 62.8 | 62.8 | | | | |
| | 35.4 | 35.4 | 41.4 | 41.4 | 32.9 | 32.9 | 38.9 | 38.9 | | | | |
| | 77.1 | 77.1 | 83.1 | 83.1 | 70.4 | 70.4 | 76.4 | 76.4 | | | | |
| | 70.8 | 70.8 | 76.8 | 76.8 | 65.8 | 65.8 | 71.8 | 71.8 | | | | |
| | 154.2 | 154.2 | 160.2 | 160.2 | 140.8 | 140.8 | 146.8 | 146.8 | | | | |

## PROJECTED LUMEN MAINTENANCE

| CLX | | | | | | |
|---|---|---|---|---|---|---|
| Operating hours | 0 | 15,000 | 30,000 | 45,000 | 60,000 | 100,000 |
| Lumen maintenance factor | 1 | 0.971 | 0.944 | 0.918 | 0.893 | 0.83 |

## AMBIENT TEMPERATURE RATINGS

| | Driver Lumen package Type | Driver | THCLX | Direct Surface | HEF | Direct Surface | Driver | Direct Surface | THCLX | Suspended 18" | Xpoint/ BGTD Direc t Surface | PS1050 Suspended |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L24 | 1500LM | GZ10 | 40C | 40C | | N/A | EZ1 or EOHN | 40C | 40C | 40C | 35C | 25C |
| | 2000LM | GZ10 | 40C | 40C | | N/A | EZ1 or EOHN | 40C | 40C | 40C | | |
| | 2500LM | GZ10 | 40C | 40C | | N/A | EZ1 or EOHN | 40C | 40C | 40C | | |
| | 3000LM | GZ10 | 40C | 40C | | N/A | EZ1 or EOHN | 40C | 40C | 40C | | |
| | 4500LM | GZ10 | 40C | 40C | | N/A | EZ1 or EOHN | 35C | 35C | 40C | | |
| | 5000LM | GZ10 | 40C | 40C | | N/A | EZ1 or EOHN | 25C | 30C | 35C | | |
| L36 | 2250LM | GZ10 | 40C | 40C | | N/A | EZ1 or EOHN | 40C | 40C | 40C | | |
| | 3000LM | GZ10 | 40C | 40C | | N/A | EZ1 or EOHN | 40C | 40C | 40C | | |
| | 3750LM | GZ10 | 40C | 40C | | N/A | EZ1 or EOHN | 40C | 40C | 40C | | |
| | 5250LM | GZ10 | 40C | 40C | | N/A | EZ1 or EOHN | 35C | 35C | 40C | | |
| | 6750LM | GZ10 | 40C | 30C | | N/A | EZ1 or EOHN | 35C | 35C | 40C | | |
| | 7500LM | GZ10 | 40C | 30C | | N/A | EZ1 or EOHN | 25C | 30C | 35C | | |
| L48 | 3000LM | GZ10 | 40C | 40C | GZ10 | 50C | EZ1 or EOHN | 40C | 40C | 40C | | |
| | 4000LM | GZ10 | 40C | 40C | GZ10 | 50C | EZ1 or EOHN | 40C | 40C | 40C | | |
| | 5000LM | GZ10 | 40C | 40C | GZ10 | 50C | EZ1 or EOHN | 35C | 35C | 40C | | |
| | 7000LM | GZ10 | 40C | 30C | | N/A | EZ1 or EOHN | 35C | 35C | 40C | | |
| | 9000LM | GZ10 | 40C | 30C | | N/A | EZ1 or EOHN | 25C | 30C | 35C | | |
| | 10000LM | GZ10 | 40C | 30C | | N/A | EZ1 or EOHN | 25C | 30C | 35C | | |
| L96 | 6000LM | GZ10 | 40C | 40C | GZ10 | 50C | EZ1 or EOHN | 35C | 35C | 40C | | |
| | 8000LM | GZ10 | 40C | 30C | GZ10 | 50C | EZ1 or EOHN | 35C | 35C | 40C | | |
| | 10000LM | GZ10 | 40C | 30C | GZ10 | 50C | EZ1 or EOHN | 25C | 30C | 35C | | |
| | 14000LM | GZ10 | 40C | 40C | | N/A | EZ1 or EOHN | 35C | 35C | 40C | | |
| | 18000LM | GZ10 | 40C | 30C | | N/A | EZ1 or EOHN | 25C | 30C | 35C | | |
| | 20000LM | GZ10 | 40C | 30C | | N/A | EZ1 or EOHN | 25C | 30C | 35C | | |

**LITHONIA LIGHTING**®

## DIMENSIONS

All dimensions are in inches (centimeters) unless otherwise indicated.
Dimensions may vary with options or accessories.

## PALLET DIMENSIONS

| Length | Approx Weight | Fixtures per pallet | Pallet Dims |
|--------|---------------|---------------------|-------------|
| L24 | 4 lb | 100 | 54x46x37 |
| L36 | 5 lb | 80 | 54x46x37 |
| L48 | 7.5 lb | 64 | 54x46x37 |
| L96 | 14 lb | 64 | 98x46x37 |

THCLX - SHIPS TWO PER ORDER,
UTILIZES A #8 HEX HEAD SCREW AND NUT
FIXTURE SITS 1.3 INCHES FROM STRUCTURE WHEN MOUNTED
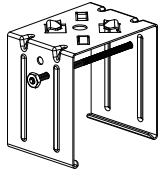
CLXANGBKT - SHIPS TWO PER ORDER
HOLES TO MOUNTING STRUCTURE ARE 0.175" DIA, 2.5" APART
FIXTURE SITS APPROXIMATELY 3.5" FROM STRUCTURE
WHEN MOUNTED HORIZONTAL TO STRUCTURE

A - 7/8" KNOCK OUT
B - 0.5" by 0.16" SLOT
C - 0.3" DIA HOLE
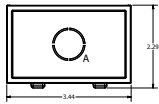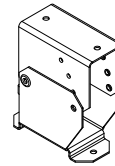
INTEGRATED SENSOR ADDS 4.75 INCHES TO STANDALONE FIXTURE LENGTH
HOUSING END CAP ADDS 0.236 INCHES TO FIXTURE LENGTH PER SIDE

L96

L48

L36

L24
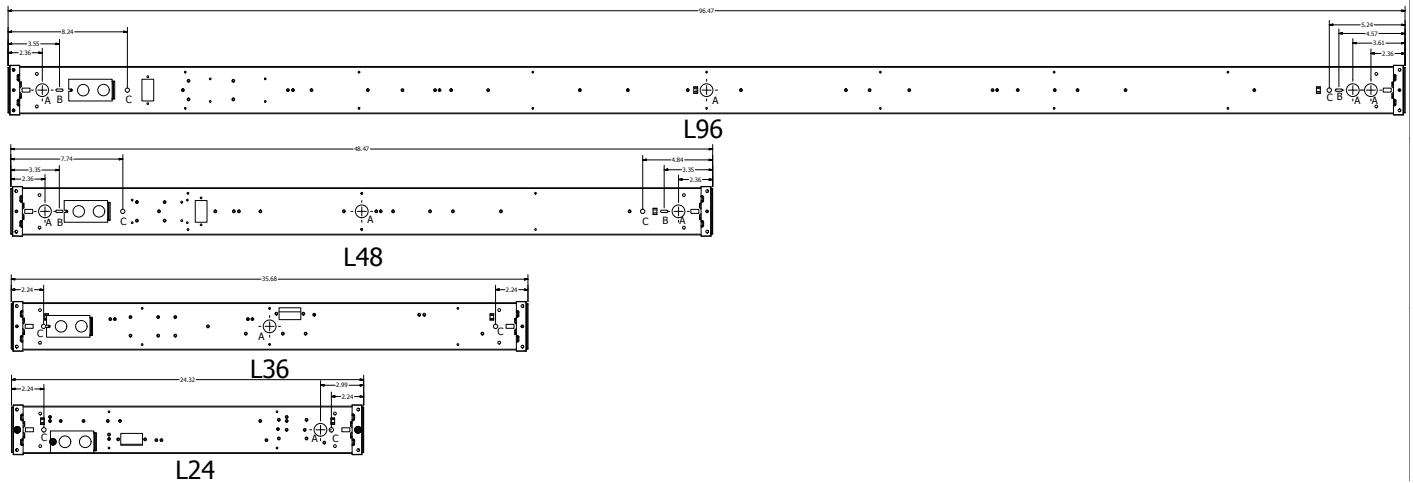
## PHOTOMETRICS

See www.lithonia.com.

**LITHONIA LIGHTING®**

## RRL - RELOC®-Ready Luminaire

• RRL connectors can be used with Quick-Flex®, System 820 and OnePass® systems.

• 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) |
| | B | Hot conductor wired to position #2 (phase B) |
| | C | Hot conductor wired to position #3 (phase C) [1] |

### Compatible RELOC® Cables for Industrial Luminaires (ordered and shipped separately)



OCS



OCU



OD



DC



PT

**Notes**

1   C, ABE, and C12S options are not used with Quick-Flex QFC, QSFC, QPT, and QD.

2   AE and ABE commercial fixtures should disconnect the TSPL before unplugging the RRL so it does not go into discharge mode.

3   C12S option is used with the OnePass OD and 820 SSC, PT, and DC for 0-10V/DALI applications.

**LITHONIA LIGHTING®**

## PRODUCT INFORMATION

**Wiring**

# PLR

Advanced plug-in system with three-circuit capability. Available on industrial and strip products and a variety of architectural products mounted in continuous rows. 1, 2, 3 and 4-lamp fixtures. PLR22 (2-circuit) and PLR33 (3-circuit) crossover harness switches hot circuit serving next fixture in row. Reduces fixture types on job for alternating circuit applications (see example below.)

Easy one-step installation, saves up to 35% on labor costs. Expanded switching flexibility helps save energy.

Rows can be 50% longer with two-circuit systems. Polarized, lock-together nylon connectors prevent miswiring in the field. #12 THHN conductor, rated 600V, 90°C. White neutral wire included. Grounding accomplished by fixture in-row connectors.

CSA certified systems available with up to 2 circuits. G ground required.

Note: Specifications subject to change without notice.

**Advanced 3-Circuit Plug-In**

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

| Series | Number of hot wires | | Branch circuits | | | | Dimming | | Ground | |
|---|---|---|---|---|---|---|---|---|---|---|
| PLR | (blank) | Not required for 22 or 33 | Circuits to which ballast is connected | | Emergency circuit connected | | LV | Low-voltage dimming | (blank) | No ground in PLR |
| PLR22 | 1 | Black | (blank) | Not required for 22 or 33 | (blank) | No emergency circuit | | | G | Ground. Maximum 2 circuits |
| PLR33 | 2 | Black and red | A | Black wire | ELA | Emergency circuit wired to black wire | | | | |
| | 3 | Black, red and blue | B | Red wire | ELB | Emergency circuit wired to red wire | | | | |
| | | | C | Blue wire | ELC | Emergency circuit wired to blue wire | | | | |

### Typical Applications

- Multiple-circuit and single-circuit for longer continuous rows
- Multiple-circuit with alternating fixtures on separate circuits, 2-circuit (PLR 22) and 3-circuit (PLR 33)
- Multiple circuit with night-lights located along row as desired

| TYPICAL APPLICATIONS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PLR 3 C | PLR 3 C | PLR 3 C | PLR 3 C | PLR 2 B | PLR 2 B | PLR 2 B | PLR 2 B | PLR 1 | PLR 1 | PLR 1 |
| (All PLR22) | | | | | | | | | | |
| Circuit A | Circuit B | Circuit A | Circuit B | Circuit A | Circuit B | Circuit A | Circuit B | Circuit A | Circuit B | Circuit A |
| (All PLR33) | | | | | | | | | | |
| Circuit A | Circuit B | Circuit C | Circuit A | Circuit B | Circuit C | Circuit A | Circuit B | Circuit C | Circuit A | Circuit B |
| PLR 3 A | PLR 3 A | PLR 3 A | PLR 3 C | PLR 3 B | PLR 3 B | PLR 3 B | PLR 3 C | PLR 3 A | PLR 3 A | PLR 3 A |

## PRODUCT INFORMATION

**Passive Infrared Indoor Occupancy Sensor**

# LSXR

A standard occupancy time delay is also present to ensure lights turn off (once minimum on timer has also elapsed) if no occupancy is detected.

This timer is factory set at 10 minutes to promote energy savings, but is adjustable between 30 seconds and 30 minutes. These adjustments may be done through the unit's push-button.

### FEATURES

- Four interchangeable lenses - high mount 360°, low mount 360°, high mount aisleway, and small motion 360°.
- Integrated mounting bracket drops lens down 3" from chase nipple - no bracket accessory required.
- 100% digital PIR detection - provides excellent RF immunity

Note: Specifications subject to change without notice.

**Single Relay**

AcuityControls.
Sensor Switch.

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

**Example:** LSXR 10 ADC HVOLT 30M

| LSXR | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Series** | | **Lens option** | | | | **Dimming/photocell** | |
| LSXR | Passive Infrared Indoor Occupancy Sensor | (blank) | No lens | 610 | High and low mount 360° | (blank) | None |
| | | 6 | High mount, 360® | 650 | High mount 360° and aisleway | HL | High/low occupancy operation |
| | | 10 | Low mount, 360° | 3PK | High and low mount 360° and aisleway | P | Switching photocell (on/off) |
| | | 50 | High mount aisleway | 4PK | All lenses | ADC | Dimming and switching photocell |
| | | 9 | Small motion, 360° | | | ANL | Dimming and switching photocell with high/low occupancy operation |

| Voltage | | Max dim level | | Min dim level | | Lead length | | Temp humidity | | Default time delay | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| (blank) | 120-277 VAC (MVOLT) | (blank) | 10 VDC | (blank) | Minimum dimming level of ballast | (blank) | 14" | (blank) | None | (blank) | 10 minutes (with minimum 15 minutes on time) |
| HVOLT | 347-480 VAC | 9H | 9 VDC | 1V | 1 VDC | 42L | 42" | LT | Low temperature | 5M | 5 minutes (LED only) |
| | | 8H | 8 VDC | 2V | 2 VDC | | | | | 15M | 15 minutes |
| | | 7H | 7 VDC | 3V | 3 VDC | | | | | 20M | 20 minutes |
| | | | | 4V | 4 VDC | | | | | 30M | 30 minutes |
| | | | | 5V | 5 VDC | | | | | | |
| | | | | 6V | 6 VDC | | | | | | |

For additional information see www.lithonia.com
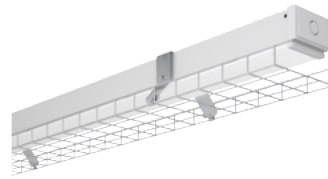
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## OPTIONS AND ACCESSORIES
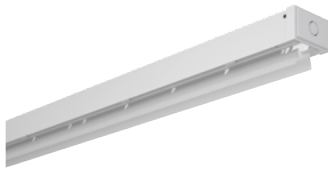


**Narrow refl ector**
Ships separate from fi xture.
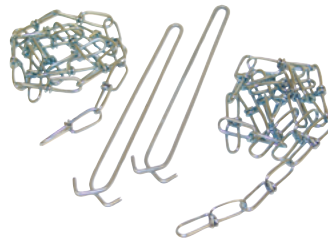Order as:
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CLXRN36
CLXRN48
CLXRN96



**Wide decorative refl ector**
Ships separtely from fi xture.
Order as:
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CLXRW36
CLXRW48
CLXRW96



**Wireguard**
Ships separately from fi xture: 96" fi xture
requires two WGCLX48.
Order as:
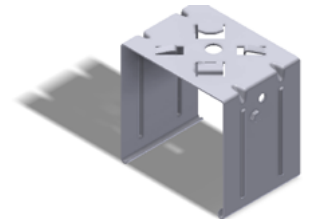WGCLX24
WGCLX36
WGCLX48



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