# LITHONIA LIGHTING®

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

**Open Ceiling LED Suspended**

# **LL**

**Lithonia® Linear**

## FEATURES & SPECIFICATIONS

**INTENDED USE** — Lithonia Linear is a suspended linear fixture designed for open, mixed, grid, or hard surface applications. The perfect blend of configurability and simplicity - Lithonia Linear is perfect for contractors, design builders, architects and specifiers for use in almost any application including open ceilings, retail, office, hospitality, education, healthcare, and transportation.

**CONSTRUCTION** — Lithonia Linear is built on an extruded aluminum chassis for the perfect blend of strength, weight, and thermal performance. Lithonia Linear utilizes power modules and light bars, which eliminate the need and ability for wire-ways and through wires.

**OPTICS** — Lithonia Linear utilizes a frosted polycarbonate diffuser which provides an optimal 13% uplight to prevent a dark ceiling effect without reducing overall fixture efficiency.

**CONTROLS** —Optional integrated Vertex motion sensor comes pre-programmed and can also be customized in the field utilizing the VLP app.

**INSTALLATION** —Lithonia Linear is designed to be extremely easy to install in multiple applications. Optional attached cords and integrated sensors reduce wiring time in the field. Adjustable mounting points and aircraft cable make it easy to order without knowing exact layouts and mounting points ahead of time. Not suitable for through wiring. LL requires ordering mounting hardware separately. See Accessories section on page 2.

**LISTINGS** — UL certified to US and Canadian safety standards. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

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

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

All values are design or typical values, measured under laboratory conditions at 25 °C.
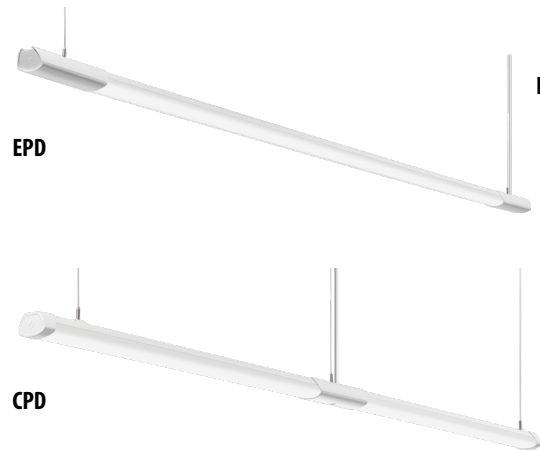
Specifications subject to change without notice.

**MOUNTING HARDWARE** —Mounting hardware is ordered separately as an accessory and can be found on Page 2 of the spec sheet.

**EPD**

**CPD**

---

## ORDERING INFORMATION

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

**Example**: LL8 6000LM 80CRI 30K CPD MIN1 MVOLT CNP5CD20FT WH VTX

| Series | | Lumens ‡ | | CRI | | CCT | | Power Drops Location | | Minimum Dimming Level | | Control Input | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LL8 | 8' LED Suspended | 6000LM | 6000 lumens | 80CRI | 80 CRI | 30K | 3000K | CPD | Center power drop ‡ | MIN1 | Dims to 1% | EZT | eldoLED 0-10V dimming ‡ |
| | | 8000LM | 8000 lumens | | | 35K | 3500K | EPD | End power drop | MIN10 | Dims to 10% | ZT | Generic 0-10V dimming ‡ |
| | | 10000LM | 10000 lumens | | | 40K | 4000K | | | | | | |
| LL16 | 16' LED Suspended | 12000LM | 12000 lumens | | | 50K | 5000K | | | | | | |
| | | 16000LM | 16000 lumens | | | | | | | | | | |
| | | 20000LM | 20000 lumens | | | | | | | | | | |

| Voltage | | Emergency Option | | Cordset | | Finish ‡ | | Controls | |
|---|---|---|---|---|---|---|---|---|---|
| MVOLT | MVOLT (120-277V) | (Blank) | no emergency option | (Blank) | no cordset installed | WH | Matte white | (Blank) | no controls |
| 347 | 347V ‡ | IE10WCP | 10W Emergency backup ‡ | CNP5CD10FT | Cord, No plug, 5 Wire, 18ga, Black, 10ft | DNA | Natural aluminum | VTX | Integrated Vertex VLP sensor ‡ |
| | | IE10WCPHE | 10W Emergency backup w/standby mode (T20) ‡ | CNP5CDW10FT | Cord, No plug, 5 Wire, 18ga, White, 10ft | MB | Matte black | | |
| | | | | CNP5CD20FT | Cord, No plug, 5 Wire, 18ga, Black, 20ft | | | | |
| | | | | CNP5CDW20FT | Cord, No plug, 5 Wire, 18ga, White, 20ft | | | | |

NOTE: ‡ indicates option chosen has ordering restrictions or note. Please reference ordering notes chart. Options are sorted alphanumerically.
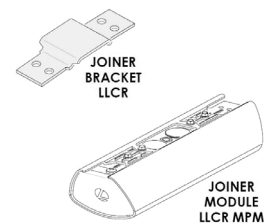
### ‡ Ordering Notes/ Restrictions

| Option value | Restriction |
|---|---|
| 347 | Must be remote mounted - remote mount driver box included with this option. |
| CPD | Preferred configuration when continuous row mounting. |
| EZT | Not available with MIN10. Remote mount driver box included with this option. |
| Finish | All finishes are painted after fabrication. |
| IE10WCP | Not available with 347. Must be remote mounted - remote mount driver box included with this option. |
| IE10WCPHE | Not available with 347. Must be remote mounted - remote mount driver box included with this option. |
| Lumens | Nominal lumen output. |
| VTX | Requires MIN1, leave control input section blank. Not available with LL16. If ordering with cordset choose 5 conductor cord. Remote mount driver box included with this option. |
| ZACFPD | Required if utilizing 0-10V dimming or VTX integrated sensor option. See accessories section below. |
| ZT | Not available with MIN1. |

### Required Mounting Hardware Quantity Key

| | SUSPENSION KIT | POWER FEED KIT |
|---|---|---|
| LL8 CPD | 2 | 1 |
| LL8 EPD | 1 | 1 |
| LL16 CPD | 2 | 1 |
| LL16 EPD | 2 | 2 |

## ACCESSORIES (ordered separately)

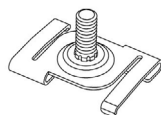| | CI Code | MODEL | DESCRIPTION |
|---|---|---|---|
| SUSPENSION KIT | *265WLF | LLAC120 | 120" cable gripper w/nut - NO Canopy |
| | *265WLG | LLAC240 | 240" cable gripper w/nut - NO Canopy |
| | *267MEP | LLCNPY WHT CANOPY KIT WHITE | White, 5" Canopy with 15/32" and ½" diameter holes |
| | *267MF2 | LLCNPY BLK CANOPY KIT BLACK | Black, 5" Canopy with 15/32" and ½" diameter holes |
| | *211C82 | ZAC120 | 120" cable gripper w/nut - INCL 5" MATTE WHITE CANOPY & BRACKET |
| | *250E2S | ZAC120 MB | 120" cable gripper w/nut - INCL 5" MATTE BLACK CANOPY & BRACKET |
| | *217YRX | ZAC240 | 240" cable gripper w/nut - INCL 5" MATTE WHITE CANOPY & BRACKET |
| | *2512MC | ZAC240 MB | 240" cable gripper w/nut - INCL 5" MATTE BLACK CANOPY & BRACKET |
| POWER FEED KIT | *217CH8 | ZACFP120 | 3-conductor power feed & 120" cable gripper w/nut - INCL 5" MATTE WHITE CANOPY & BRACKET |
| | *2604Y2 | ZACFP120 MB | 3-conductor power feed & 120" cable gripper w/nut - INCL 5" MATTE BLACK CANOPY & BRACKET |
| | *219E93 | ZACFP240 | 3-conductor power feed & 240" cable gripper w/nut - INCL 5" MATTE WHITE CANOPY & BRACKET |
| | *265WXL | ZACFP240 MB | 3-conductor power feed & 240" cable gripper w/nut - INCL 5" MATTE BLACK CANOPY & BRACKET |
| | *233RV9 | ZACFPD120 | 5-conductor power feed & 120" cable gripper w/nut - INCL 5" MATTE WHITE CANOPY & BRACKET ‡ |
| | *250E75 | ZACFPD120 MB | 5-conductor power feed & 120" cable gripper w/nut - INCL 5" MATTE BLACK CANOPY & BRACKET ‡ |
| | *233RVA | ZACFPD240 | 5-conductor power feed & 240" cable gripper w/nut - INCL 5" WHITE CANOPY & BRACKET ‡ |
| | *2512MJ | ZACFPD240 MB | 5-conductor power feed & 240" cable gripper w/nut - INCL 5" MATTE BLACK CANOPY & BRACKET ‡ |
| T-GRID CONVERSION KIT | *212NF3 | U0776 | Clip used to convert aircraft mounting from JBOX to T-Grid |
| OPTIONAL MOCK JOINERS | *266EU4 | LLCR MPM | Mock Power Module Joiner, Matte White |
| | *266EUK | LLCR MPM MB | Mock Power Module Joiner, Matte Black |
| | *266EUG | LLCR MPM DNA | Mock Power Module Joiner, Natural Aluminum |

## JOINERS

JOINER BRACKET LLCR

JOINER MODULE LLCR MPM

## SUSPENSION KIT

BRACKET

CANOPY

AIRCRAFT CABLE

POWER FEED

GRIPPER
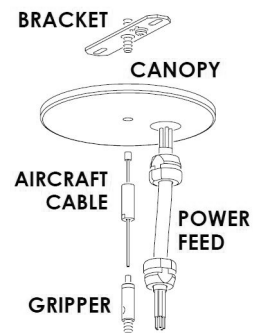
## REPLACEMENT PARTS

| RK3LLCR | Joiner, Galvanized Steel (comes std w/fixture) |
|---|---|

## U0776 CLIP

## DIMENSIONS:

57.9 / 2.28
83.4 / 3.28

## REMOTE DRIVER BOX

594 / 23.4
96.5 / 3.8
89 / 3.5
649 / 25.5
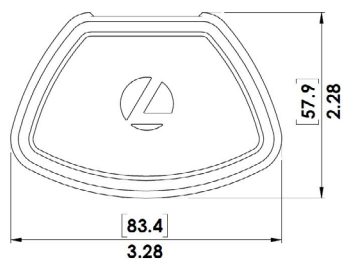
REMOTE DRIVER BOX
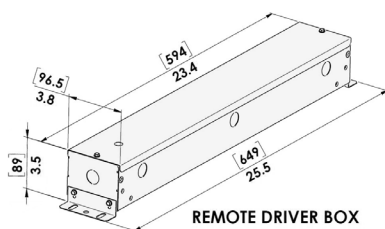
## PERFORMANCE DATA

| Nomenclature | Lumens | Wattage | LPW |
|---|---|---|---|
| LL8 6000LM 80CRI 40K MVOLT | 6111 | 50 | 121 |
| LL8 8000LM 80CRI 40K MVOLT | 8327 | 66 | 127 |
| LL8 10000LM 80CRI 40K MVOLT | 9786 | 79 | 124 |
| LL16 12000LM 80CRI 40K MVOLT | 12223 | 101 | 121 |
| LL16 16000LM 80CRI 40K MVOLT | 16655 | 131 | 127 |
| LL16 20000LM 80CRI 40K MVOLT | 19572 | 158 | 124 |

For 30K - Factor in 5% lumen reduction
For 35K - Factor in 3% lumen reduction
For 50K - Factor in 2% lumen increase
For 347V - Factor in 12% wattage increase

| Projected LED Life | L90 | L80 | L70 |
|---|---|---|---|
| Hours | 44K | 92K | 150K |

Values are projections based on TM-21 and at 25C Ambient.

## CONFIGURATIONS:

[4900] 192.9
[3658] 144.0
[2801] 110.3
[2534] 99.8
[2462] 96.9
[1829] 72.0

8FT CENTER POWER DROP
8FT END POWER DROP
16FT CENTER POWER DROP
16FT END POWER DROP

[MM] INCHES

[1219] 48.0
[5167] 203.4
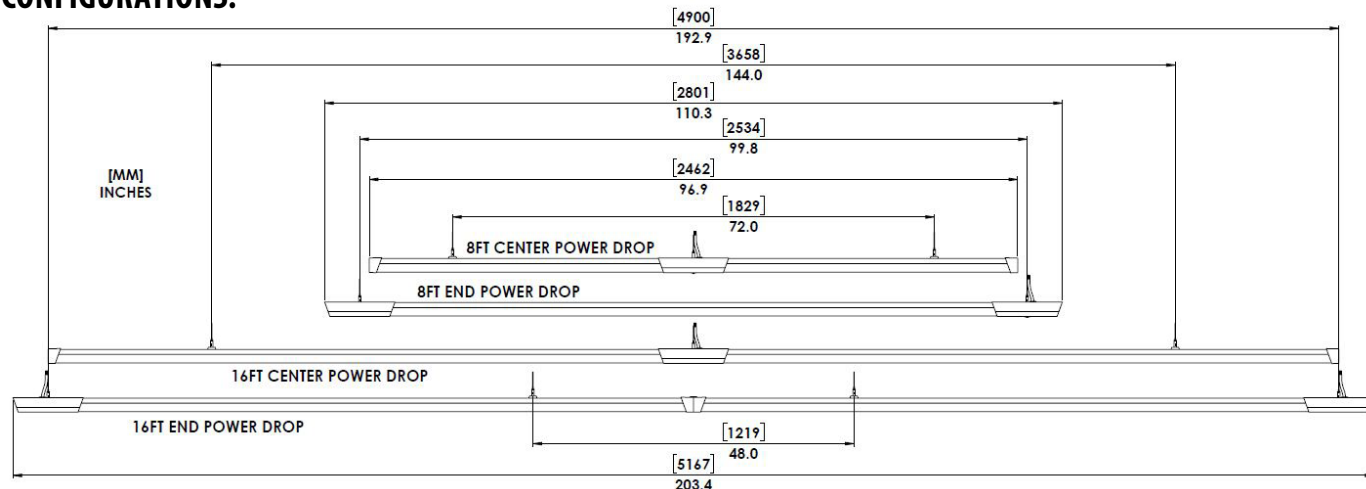
For more information on typical Lithonia Linear Layouts click here