

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.

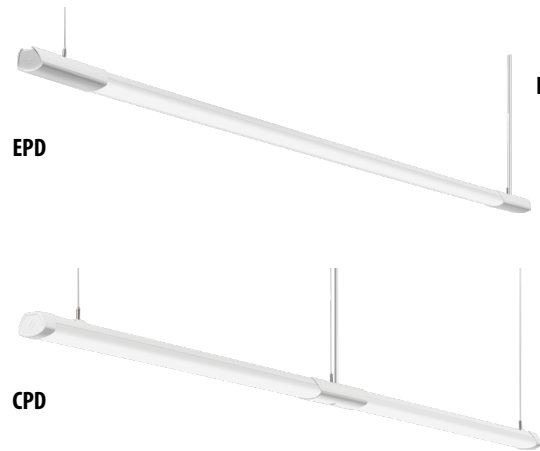
MOUNTING HARDWARE — Mounting hardware is ordered separately as an accessory and can be found on Page 2 of the spec sheet.

Catalog Number
Notes
Type

Open Ceiling LED Suspended

LL

Lithonia® Linear



eldoLED



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 35K 3500K 40K 4000K 50K 5000K	CPD Center power drop ‡ EPD End power drop	MIN1 Dims to 1% MIN10 Dims to 10%	EZT eldoLED 0-10V dimming ‡ ZT Generic 0-10V dimming ‡
	8000LM 8000 lumens					
	10000LM 10000 lumens					
LL16 16' LED Suspended	12000LM 12000 lumens					
	16000LM 16000 lumens					
	20000LM 20000 lumens					

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

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

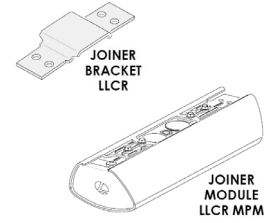
‡ Ordering Notes/ Restrictions	
Option value	Restriction
347	Must be remote mounted - remote mount driver box included with this option.
CPD	Preferred configuration when continuous row mounting.
EZT	Not available with MIN10. Remote mount driver box included with this option.
Finish	All finishes are painted 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

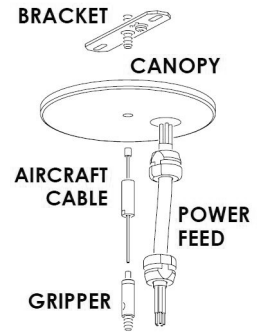
LL8 LED Suspended

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 1/2" diameter holes
	*267MF2	LLCNPY BLK CANOPY KIT BLACK	Black, 5" Canopy with 15/32" and 1/2" 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
POWER FEED KIT	*2512MC	ZAC240 MB	240" cable gripper w/nut - INCL 5" MATTE BLACK CANOPY & BRACKET
	*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 ‡
T-GRID CONVERSION KIT	*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 ‡
OPTIONAL MOCK JOINERS	*212NF3	U0776	Clip used to convert aircraft mounting from JBOX to T-Grid
	*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



SUSPENSION KIT

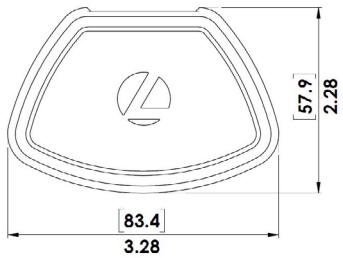


REPLACEMENT PARTS	
RK3LLCR	Joiner, Galvanized Steel (comes std w/fixture)

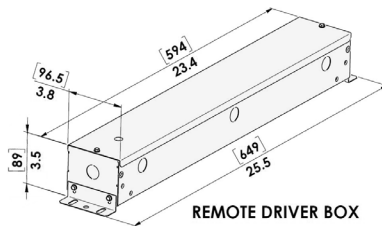
U0776 CLIP



DIMENSIONS:



REMOTE DRIVER BOX



PERFORMANCE DATA

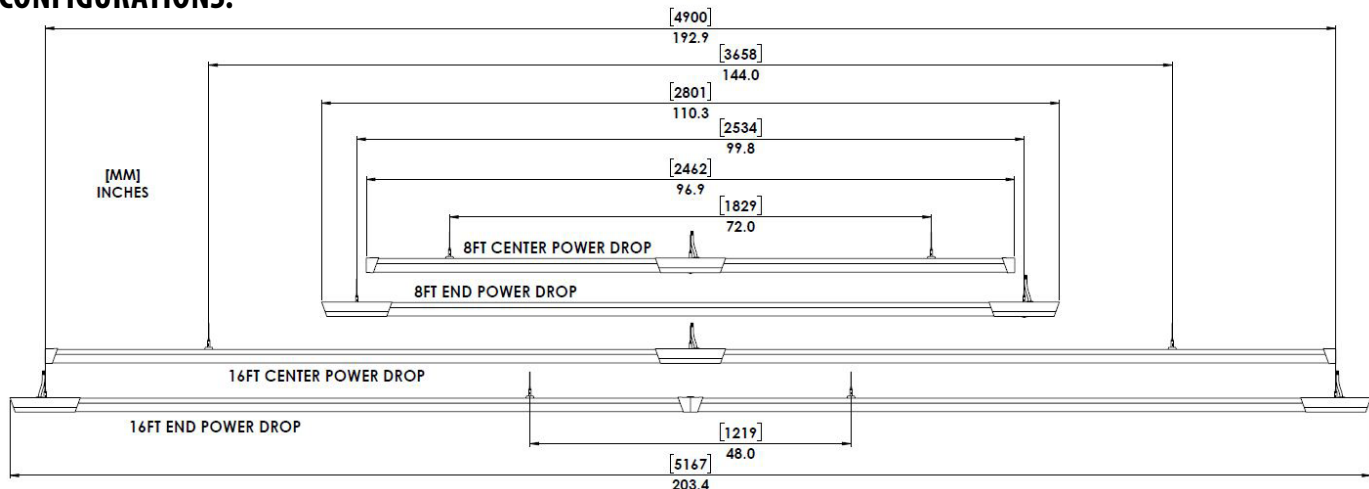
Nomenclature	Lumens	Wattage	LPW
LL8 6000LM 80CRI 40K MVOLT	6111	50	121
LL8 8000LM 80CRI 40K MVOLT	8327	66	127
LL8 10000LM 80CRI 40K MVOLT	9786	79	124
LL16 12000LM 80CRI 40K MVOLT	12223	101	121
LL16 16000LM 80CRI 40K MVOLT	16655	131	127
LL16 20000LM 80CRI 40K MVOLT	19572	158	124

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:



For more information on typical Lithonia Linear Layouts click [here](#)