

POLYGON™ 2nd GENERATION LINEAR LED FIXTURE

LSP SERIES



4' Model Shown



DIMENSIONS: See Page 3 for dimensions.



PRODUCT DESCRIPTION:

MaxLED's Linear LED Polygon™ fixture is a multi-use fixture, targeted at lowbay applications such as large packing and sorting areas; but versatile enough for use in parking structures, classrooms, long linear conference rooms, and other indoor or covered areas where linear lighting formats are required. Features Universal mounting of suspended and surface mounted configurations. Interconnect-able features allow for variable lengths where needed.

FEATURES:

- One-piece aluminum chassis
- Soft white, low glare diffuser design
- Extremely low profile height for shallow ceilings, or ADA wall compliance
- Beveled optic surface resists vehicle antenna damage
- Integrated hanging loops included
- One piece metal end caps
- Unique optical signature allows for IESNA conformance lighting in either indoor or parking applications

CONSTRUCTION:

- One-piece extruded body of 6063 Aluminum
- Polycarbonate translucent diffuser
- ADC 12 Aluminum Die Cast end caps
- Full-length service channel on rear
- CRI>80

CONTROL:

- 0-10V dimming standard
- Both 0-10V dimming and occupancy sensors support California T24 compliance**
- Optional occupancy sensor versions available**
 - Ambient threshold selectable
 - Dimming levels selectable
 - Delay times selectable
- Dimming range is 100% to 10% via 0-10V sinking

MODEL SELECTION (Full list of order codes on pg. 2)				Typical order example: LSP4805UU44DV35				
LSP		05	U	U		DV		
FAMILY	LENGTH	WIDTH	MOUNTING	VOLTAGE	NOMINAL WATTAGE	DIMMING	CCT	OPTIONS
LSP= Polygon	48= 48"	05= 5"	U= Universal Mount	U= 120-277V	44= 39W	DV= Dimming, 0-10V	35= 3500K	OMIT= None
	96= 96"	05= 5"	U= Universal Mount	U= 120-277V	55= 55W		40= 4000K	MSV= Bi-Level Motion Sensor
					80= 80W		50= 5000K	MSC= Daylight Harvesting Motion Sensor
								EN= Enlighted Ready Sensor and Relay Installed
								EN3= Enlighted Ready Labor Only
								EM= Battery Backup

SPECIFICATIONS:

LSP4805UU40DVXXYY

LSP9605UU55DVXXYY

LSP9605UU80DVXXYY

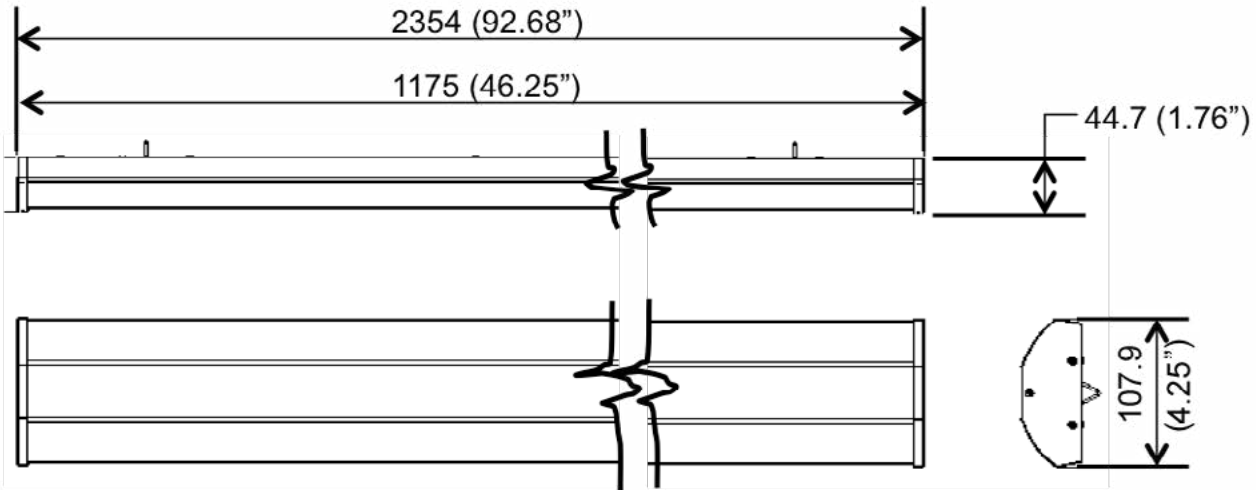
ITEM	SPECIFICATION	DETAILS					
GENERAL PERFORMANCE	Spacing Criteria	Contact MaxLite for layout details					
	CCT- Color Temperature (K)	3500K	5000K	3500K	5000K	3500K	5000K
	Lumens Delivered (LM)	4,670	4,630	7,423	7,859	9,417	9,880
	Efficacy (LM/W)	119	119	128	132	121	126
	Lumen Maintenance (L70)	≥50,000 Hrs					
ELECTRICAL	Power Factor	>.99@120VAC; >.91@277VAC					
	Input Voltage (V)	120-277V					
	Operating Cycle	50/60 Hz					
	Power Consumption	38-40W	58-59.7W		79-80.1W		
	Control	0-10v three wire lead; Dimming range 30%-100%					
SENSOR (MSV)	Type	Omni-directional PUR with Daylight Harvesting					
	Linking	30 Fixtures	20 Fixtures*		10 Fixtures*		
	Max Load	MAX 800W					
	Ambient Level	Selectable (3) Level					
	Time Delay	Selectable (1 min - 30 min)					
	Dimming Levels	0 / 33% / 50% Selectable					
PHYSICAL	Dimensions	46.3"L x 4.25"W x 1.8"H		92.7"L x 4.25"W x 1.8"H			
	Weight	6 lbs		11 lbs			
	Housing	6063 Aluminum					
	Lens	Translucent White Polycarbonate					
	Mounting	Surface or Suspended					
	Operating Temperature	-20°C to 40°C (-4°F to 104°F)					
QUALIFICATION	Qualification	DLC 4.1 Standard, UL, FCC, LM80					
	Environment	Damp (Covered)					
	Warranty	5 Year					

ORDER NUMBER	MODEL	WATTS (NOMINAL)	DESCRIPTION	DIMENSION (L" x W" x H")	CCT
101697	LSP4805UU44DV35	39	POLYGON LINEAR 40W LED 4' G2 UNIV MTD FIXTURE	46.3" x 4.25" x 1.8"	3500K
101735	LSP4805UU44DV50	39	POLYGON LINEAR 40W LED 4' G2 UNIV MTD FIXTURE	46.3" x 4.25" x 1.8"	5000K
99989	LSP9605UU55DV35	55	POLYGON LINEAR 55W LED 8' G2 UNIV MTD FIXTURE	92.7" X 4.25" X 1.8"	3500K
99990	LSP9605UU55DV50	55	POLYGON LINEAR 55W LED 8' G2 UNIV MTD FIXTURE	92.7" X 4.25" X 1.8"	5000K
101162	LSP9605UU80DV35	80	POLYGON LINEAR 80W LED 8' G2 UNIV MTD FIXTURE	92.7" X 4.25" X 1.8"	3500K
101163	LSP9605UU80DV50	80	POLYGON LINEAR 80W LED 8' G2 UNIV MTD FIXTURE	92.7" X 4.25" X 1.8"	5000K

OPTIONS	
SUFFIX	DESCRIPTION
MSV*	Occ Sensor Bi-Level Daylight hold off End Mount
MSC	Occ Sensor Daylight harvesting T24 end mount
MSO	On - Off Motion Sensor
EN	Enlighted ready- Sensor and Relay Installed
EN2	Enlighted Ready – Relay Installed
EN3	Enlighted Ready – Labor Only
EM	Battery Back Up

NOTE:

- * Sensor (MSV) is Calif T24 compliant in nonprimary DL zones for parking structures
- For accessories, please see webpage or contact your MaxLite representative.



PHOTOMETRY:

