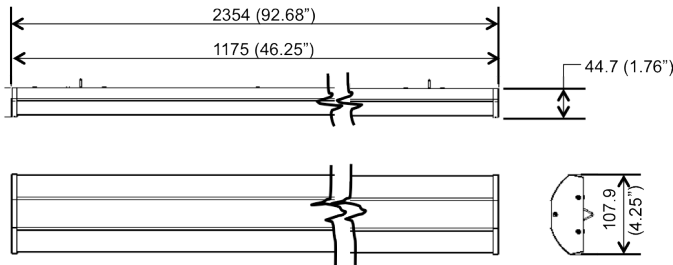


**POLYGON™ LED LINEAR**  
LSP SERIES



4' Model Shown



**PRODUCT DESCRIPTION:**

Maxlite'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 a continuous row where needed.

**FEATURES:**

- One-piece aluminum chassis
- Soft white, low glare diffuser design
- Extremely low profile height for shallow ceilings
- Beveled optic surface resists vehicle antenna damage
- Batwing distribution
- CRI>80
- Supports Compliance of JA8-2016-E

**CONSTRUCTION:**

- One-piece extruded body of 6063 Aluminum
- Polycarbonate translucent diffuser
- Integrated hanging loops
- ADC 12 Aluminum Die Cast end caps
- Full-length service channel on rear

**CONTROL:**

- 0-10V dimming standard
- Optional occupancy sensor versions available
  - Ambient threshold selectable
  - Dimming levels selectable
  - Delay times selectable

MODEL SELECTION (Full list of order codes on				Typical order example: LSP4805UU44DV35				
LSP		05	U	U		DV		
FAMILY	LENGTH	WIDTH	MOUNTING	VOLTAGE	NOMINAL WATTAGE	DIMMING	CCT	OPTIONS
LSP= Polygon	48= 48" 96= 96"	05= 5"	U= Universal Mount	U= 120-277V	44= 39W 55= 55W 80= 80W	DV= 0-10V,10%	35= 3500K 40= 4000K 50= 5000K	OMIT= None MSO <sup>1</sup> = ON/OFF Motion Sensor MSV <sup>2</sup> = Bi-Level Motion Sensor MSC <sup>3</sup> = Daylight Harvesting Motion Sensor EN= Enlighted Ready Sensor and Relay Installed EN3= Enlighted Ready Labor Only EM= Battery Backup

**Notes:**  
 1. Motion sensor is external. Please, see Maxlite specification sheet MSITXLOS509SPASSY for more details.  
 2. Motion sensor is external. Please, see Maxlite specification sheet MSITXLOD500SPASSY for more details.  
 3. Motion sensor is external. Please, see Maxlite specification sheet MSITXLRD509SPASSY for more details.

**MOUNTING ACCESSORIES:**

ORDER NUMBER	MODEL	DESCRIPTION	IMAGE
74139	MLCHKLSV15	Cable Kit 15' Loop 1 Pair	
74447	MLCHKPFCW10	Cable Kit Power Feed Canopy Clear 10ft 18/3	
74498	MLCHKNPFC10	Cable Kit Non-Power Feed Canopy White 10ft	
99987	KLSPINCONN	Kit Interconnect Assembly Polygon G2 Silver	

**SPECIFICATIONS:**

LSP4805UU40DVXXYY

LSP9605UU55DVXXYY

LSP9605UU80DVXXYY

ITEM	SPECIFICATION	DETAILS					
<b>GENERAL PERFORMANCE</b>	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					
<b>ELECTRICAL</b>	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 10%-100%					
<b>PHYSICAL</b>	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					
	Mounting	Surface or Suspended					
	Operating Temperature	-20°C to 40°C (-4°F to 104°F)					
<b>QUALIFICATION</b>	Qualification	DLC 4.1 Standard, UL, FCC, LM80					
	Environment	Damp (Covered)					
	Warranty	5 Year					

**PHOTOMETRY:**

