

**POLYGON™ LINEAR LED FIXTURE**  
LSP SERIES



4' Model



**PRODUCT DESCRIPTION:**

Integrating multiple mounting and optic possibilities into a sleek form factor, MaxLite's Polygon LED Linear fixture is an efficient alternative to fluorescent lighting that enhances any commercial or industrial space. The Polygon is offered in low bay and parking optic distributions. Its premium appearance suits indoor classrooms, offices and long, linear conference rooms, but is versatile enough for applications such as large packing and sorting areas.

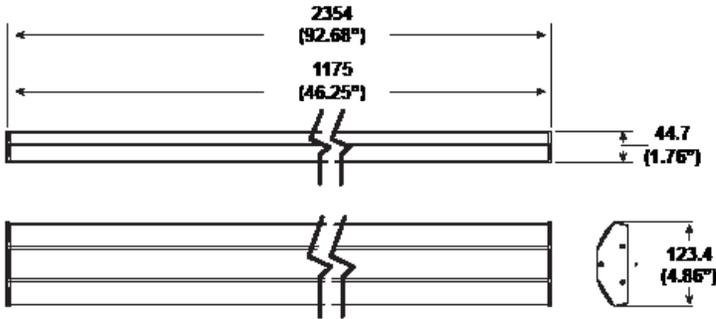
Available in suspended and surface mounting configurations.\*

**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
- Universal mounting standard. Comes with integral hanging loops and with standard surface mounting application

**CONSTRUCTION:**

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



**MODEL SELECTION** (Full list of order codes on pg. 3) Typical order example: LSP4805SU44DV35MSV

LSP		05		U	44	DV			
FAMILY	LENGTH	WIDTH	MOUNTING	VOLTAGE	NOMINAL WATTAGE	DIMMING	CCT	DISTRIBUTION	OPTIONS
LSP= Polygon	48= 48" 96= 96"	05= 5"	S= Surface Mount H= Hanging Mount	U= 120-277V	44= 39W	DV= Dimming, 0-10V	35= 3500K 50= 5000K	OMIT= Standard Distribution PKG= Parking Garage Distribution	OMIT= None MSV= Bi-level Motion Sensor MSM= On/Off Motion Sensor MSC= Daylight Harvesting Motion Sensor

**SPECIFICATIONS:**

		LSP4805SU44DVXX		LSP9605SU55DVXX		LSP9605SU80DVXX	
ITEM	SPECIFICATION	DETAILS		DETAILS		DETAILS	
<b>GENERAL PERFORMANCE</b>	Spacing Criteria	Contact MaxLite for layout details					
	Lumens Delivered (lm)	3900*	4106	5700*	6300*	8013	8400*
	Efficacy (lm/W)	100*	105.8	95*	103*	100	105*
	CCT	3500K	5184K	3500K	5000K	3500K	5000K
	Lumen Maintenance (L70)	50,000 Hrs					
<b>ELECTRICAL</b>	Power Consumption	38.8W		60W*		80.1W	
	Input Voltage (V)	120-277V					
	Power Factor	>.99 @ 120VAC; >.91 @ 277VAC					
	Line Voltage linking	15 units max		12 Units max		10 Units max	
	Operating Cycle	50/60 Hz					
	Control	0-10v Three wire lead; Dimming range 30%-100%					
<b>SENSOR</b>	Linking	30 Fixtures		20 Fixtures*		10 Fixtures*	
	Type	Omni-directional PUR with Daylight Harvesting					
	Max load	MAX 800W					
	Ambient Level	Selectable (3) Level					
	Time Delay	Selectable (1 min - 30 min)					
	Dimming Levels	0 / 33% / 50% Selectable					
<b>PHYSICAL</b>	Dimensions	46.3" L x 4.9" W x 1.8" H		92.7" L x 4.9" W x 1.8" H			
	Weight	4.75 lbs		9.5 lbs			
	Housing	6063 Aluminum					
	Lens	Translucent White Polycarbonate					
	Mounting	Surface or Suspended					
	Operating Temperature	-20°C to 40°C (-4°F to 104°F)					
<b>QUALIFICATION</b>	Qualifications	UL, FCC, LM80		UL, FCC, LM80, DLC 4.1 Standard			
	Material Usage	Damp (Covered)					
	Environment	IESNA LM-80					
	Warranty	5 Year					

\*PENDING LM-79 confirmation, for reference only

OPTIONS	
SUFFIX	DESCRIPTION
MSV*	Occ Sensor Bi-Level Daylight hold off End Mount
MSM**	Occ Sensor on/off Mid Mounted
MSC	Occ Sensor Daylight harvesting T24 end mount

**NOTE:**

- \* Sensor (MSV) is Calif T24 compliant in nonprimary DL zones for parking structures
- \*\* MSM is not Calif T24 compliant

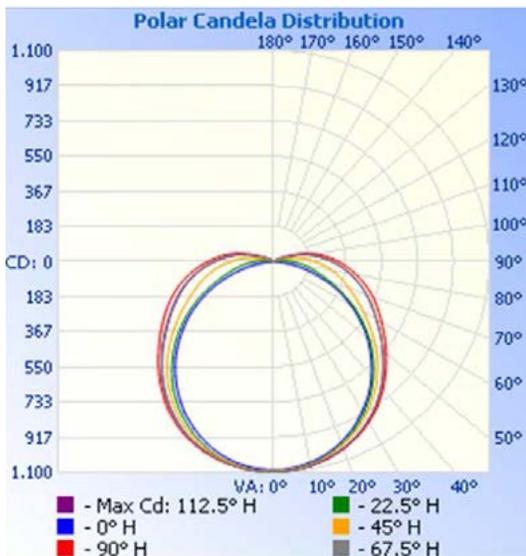
ORDERING INFORMATION					
ORDER NUMBER	MODEL	WATTS (NOMINAL)	DESCRIPTION	DIMENSION (L" x W" x H")	CCT
75172	LSP4805SU44DV35*	39	Polygon Linear LED 4' Lowbay Fixture	46.3" x 4.9" x 1.8"	3500K
75174	LSP4805SU44DV50*	39	Polygon Linear LED 4' Lowbay Fixture	46.3" x 4.9" x 1.8"	5000K
75176	LSP9605SU55DV35* †	55	Polygon Linear LED 8' Lowbay Fixture	92.7" X 4.9" X 1.8"	3500K
75178	LSP9605SU55DV50* †	55	Polygon Linear LED 8' Lowbay Fixture	92.7" X 4.9" X 1.8"	5000K
75180	LSP9605SU80DV35*	80	Polygon Linear LED 8' Lowbay Fixture	92.7" X 4.9" X 1.8"	3500K
75182	LSP9605SU80DV50*	80	Polygon Linear LED 8' Lowbay Fixture	92.7" X 4.9" X 1.8"	5000K

ACCESSORIES		
ORDER CODE	MODEL NUMBER	DESCRIPTION
74139	MLCHKLSV15	Cable Kit 15' Loop 1 Pair
74447	MLCHKPFCC10	Cable Kit Power Feed Canopy Clear 10ft 18/3
74498	MLCHKNPFC10	Cable Kit Non-Power Feed Canopy White 10ft

**NOTE:**

- \*All requests for surface mount versions should be stated at order entry as these are currently built to order. MaxLite plans to unify the two mounting approaches in upcoming production, but current orders are separate. Please contact MaxLite inside sales for any questions.
- \*\*Occ Sensor versions available in Q4-2015
- † DLC qualified

**POLAR CANDELA DISTRIBUTION:**



**ISOFOOTCANDLE PLOT:**

