

## POLYGON™ LINEAR LED FIXTURE

**LSP SERIES** 





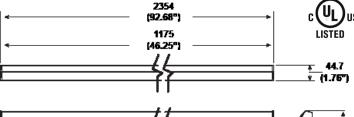


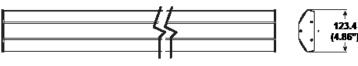












### PRODUCT DESCRIPTION:

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

## CONTROL:

- 0-10V Dimming standard
- Both 0-10v dimming and occupancy sensors supports California T24 compliance
- Optional occupancy sensor versions available\*\*
  - Ambient threshold selectable
  - Dimming levels selectable
  - Delay times selectable

ORDERING I	NFORMATION				
ORDER NUMBER	MODEL	WATTS (NOMINAL)	DESCRIPTION	DIMENSION (L" x W" x H")	сст
75172	LSP4805SU44DV35*	44	Polygon Linear LED 4' Lowbay Fixture	46.3" x 4.9" x 1.8"	3500K
75174	LSP4805SU44DV50*	44	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				

- 1. \*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 3. † DLC qualified





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SPECIFICATIONS:		LSP4805SU44DVXX		LSP9605SU55DVXX		LSP9605SU80DVXX		
ITEM	TEM SPECIFICATION		DETAILS		DETAILS		DETAILS	
	Spacing Criteria	Contact MaxLite for layout details						
	Lumens Delivered (Im)	3900*	4106	5700*	6300*	8013	8400*	
GENERAL PERFORMANCE	Efficacy (Im/W)	100*	105.8	95*	103*	100	105*	
	CCT	3500K	5184K	3500K	5000K	3500K	5000K	
	Lumen Maintenance (L70)			50,000 Hrs				
	Power Consumption	38	38.8W		60W*		80.1W	
	Input Voltage (V)	120-277V						
EL EGERIOAL	Power Factor	>.99 @ 120VAC; >.91 @ 277VAC						
ELECTRICAL	Line Voltage linking	15 un	15 units max		12 Units max		10 Units max	
	Operating Cycle	50/60 Hz			•			
	Control	0-10v Three wire lead; Dimming range 30%-100%						
	Linking	30 Fi	30 Fixtures		20 Fixtures*		10 Fixtures*	
	Туре	Omni-dire		directional PUR with Daylight Harvesting				
	Max load	MAX 800W						
SENSOR	Ambient Level	Selectable (3) Level						
	Time Delay	Selectable (1 min - 30 min)						
	Dimming Levels		0 / 33% / 50% Selectable					
	Dimensions	46.3" L x 4.9	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	5 lbs	9.5		ilbs		
	Housing	6063 Aluminum						
PHYSICAL	Lens	Translucent White Polycarbonate						
	Mounting	Surface or Suspended						
	Operating Temperature			-20°C to 40°C (-4°F to 104°F)				
	Certification	UL, FO	C, LM80	UL, FCC, I	M80, DLC	UL, FCC, I	_M80, DLC	
CERTIFICATION	Material Usage	Damp (Covered)						
CERTIFICATION	Environment		IESNA LM-80					
	Warranty	5 Year						

<sup>\*</sup>PENDING LM-79 confirmation, for reference only



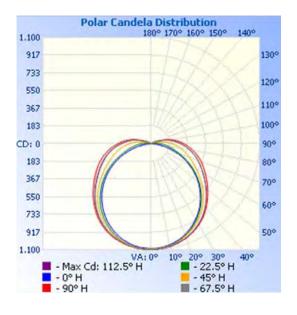


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## **POLAR CANDELA DISTRIBUTION:**



## **ISOFOOTCANDLE PLOT:**

