



## PRIZMA - L1PRI

### LED - RECTANGULAR SUSPENDED

#### Semi-indirect

*Limited stock, consult factory for availability*

The Prizma is a linear LED suspended luminaire offering semi-indirect lighting distribution which makes it the perfect addition to any modern office space. This versatile luminaire can be mounted individually in 4' and 8' sections or it can also be joined to create a continuous row system providing linear illumination.

#### FEATURES AND SPECIFICATIONS

##### • Construction

###### Housing

The body is made of cold rolled steel.

###### Finishes

White and special color option available upon request.

##### • Installation

Comes with 6' of aircraft cable, power cable and a canopy. For power cable and canopy colors, please refer to the ordering guide. Various lengths of aircraft cable available as options. It can also be row mounted to create a continuous line. Junction set available as an option.

##### • Electrical

120-277 V or 347 V electronic driver with 0-10 V dimming is standard (5 wire cable for AC and 0-10 V dimming). Estimated lifespan of over 60 000 hours L70. THD <13.58, Power factor >0.95. Ambient temperature: 25°.

###### Distribution

Batwing light distribution.

##### LED

Long-life LEDs that provides: 80+ CRI. Within 4 MacAdam steps. 3 000 K, 3 500 K, 4 000 K, and 5 000 K CCT.

##### Driver

- 19 - 63 W
- DIM2 - Line voltage driver 120 V
- DALI1 - Digital addressable lighting interface driver (Not available in 347 V)

##### Lumens

- 67.4% of lumen delivered uplight
- 32.6% of lumen delivered downlight

##### Lens

A variety of options available for both semi-indirect lighting - for more information, please refer to ordering guide.

##### • Compliances

- ICES 005
- cCSA listed



LED  
fixture



dimmable



damp  
location



ICES  
005



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/search](http://www.designlights.org/search).

#### OVERVIEW

Light source	LED
Watts (W) <sup>1</sup>	19.5 - 32
Lumen output (lm)	2 011 - 4 390
Efficiency (lm/W)	103.2 - 137.4
Color temperature (K)	3 000, 3 500, 4 000, 5 000
CRI	80+
Weight (lbs)	11.01

<sup>1</sup> Information base on 48" fixture. For more information, please refer to IES files.

**ORDERING GUIDE**

Series	Size	Lamp type	Bottom optics	Top optics	Lumen package (lm/pi)	Volts (V)	Color temp. (K)	Fixture finish	Power cable finish	Canopy finish	Options
L1PRI	48 - 48" 96 - 96"	L - LED	O - Opal lens (standard) L - Louver <sup>1</sup>	C - Clear lens (standard) M - Metal cover	S1 - 600 S2 - 750 S3 - 1 000	A - 120 W - 120-277 H - 347	30K - 3 000 35K - 3 500 40K - 4 000 50K - 5 000	W - White (standard) SP - Special colour	W - White B - Black S - Silver grey	W - White B - Black S - Silver grey	DIM2 - Line voltage dimming driver 120 V DALI1 - Digital addressable lighting interface driver (Not available in 34 7V) L__ - Aviation cable and wire (6' standard) OSI-PO-0101 <sup>2</sup> - PIR occ. sensor 30 min. holdtime min-10 fc OSI-CH-01 <sup>2</sup> - Photocell daylight harvesting

<sup>1</sup> Louver comes standard with Mylar.  
<sup>2</sup> Please see Sensor table for more details.

**TECHNICAL SPECIFICATIONS CHART**

Lumen package	Watts (W)	Volts (V)	3 000 K		3 500 K		4 000 K		5 000 K		CRI	Life L70 (hrs)	Type of distrib.	Power factor	THD (%)
			Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)					
S1	20	120-277	2372	119	2451	123	2518	126	2475	124	80+	>60 000	Semi-indirect	>0.9	<20%
S2	24	120-277	3021	126	3121	130	3207	134	3152	131	80+	>60 000	Semi-indirect	>0.9	<20%
S3	32	120-277	4135	129	4273	134	4390	137	4315	135	80+	>60 000	Semi-indirect	>0.9	<20%

**ACCESSORIES (order separately)**

Part number	Type
KIT-BKT676	Joiner for row mounting

<sup>1</sup> Please ensure to order a new kit for every fixture added.

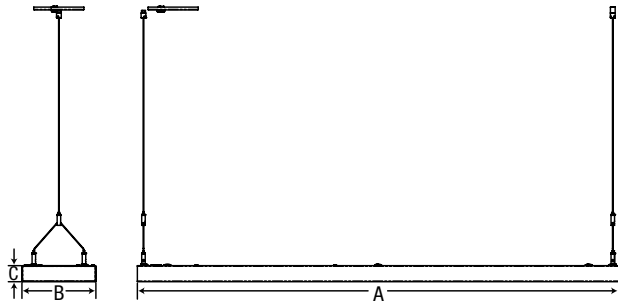
**COMPATIBLE DIMMERS**

	Brand	Model number
0-10 V dimming	Philips	ITSEBU V1500EBU
		LRD1730 MSP600EB
		ZP1000EB MHP1000EB
		OS600EB
		OS600EB
	Wattstopper	ITSEBU V1500EBU
		LRD1730 MSP600EB
		ZP1000EB MHP1000EB
		OS600EB
Lutron	ITSEBU V1500EBU	
	LRD1730 MSP600EB	
	ZP1000EB MHP1000EB	
	OS600EB	
	OS600EB	
Phase dimmers	Philips	LCU2425 LCU2430
	Leviton	AWSMT-XAW IPX06-70Z
		AWSMT-XBW IPX10-10Z
		AWSMT-XCW IPX12-70Z
		AWSMT-XDW 6674
		VPX10-1LZ 2666-31
		VPX12-7LZ 2666-37
		IPX06-10Z D4206

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Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

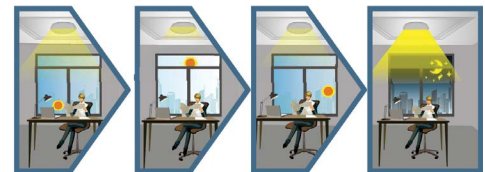
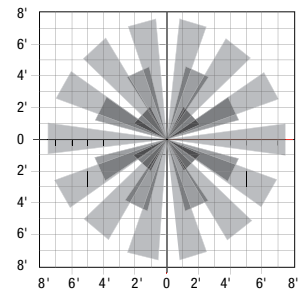
**DIMENSIONS**



	A	B	C
4'	48" (1 219.2 mm)	7.4" (187.3 mm)	1.597" (40.6 mm)
8'	94.625" (2 403.5 mm)	7.4" (187.3 mm)	1.597" (40.6 mm)

**SENSOR TABLE**

Part number	Description	Technical specifications
<b>OSI-PO-0101</b>	<b>OCCUPANCY SENSOR:</b> This option is a fixture-integrated low voltage Passive Infrared (PIR) occupancy sensor which provides a 360° coverage pattern for up to 200 square feet when mounted at a height of 8'	<ul style="list-style-type: none"> <li>Adjustable time delay (30 seconds to 30 minutes)</li> <li>Hold -off daylight harvesting light level, adjustable from 10-120 fc</li> <li>Coverage pattern at 8': 16' (487.7 cm) diameter</li> </ul>
<b>OSI-CH-01</b>	<b>DAYLIGHT HARVESTING SENSOR:</b> This option is an effective daylight harvesting solution which provides energy savings without sacrificing visual comfort.	<ul style="list-style-type: none"> <li>Dimming range 1%-100%</li> <li>Maximum mounting height 13.12 ft (4 m)</li> <li>Detection angle 90 degrees</li> </ul>



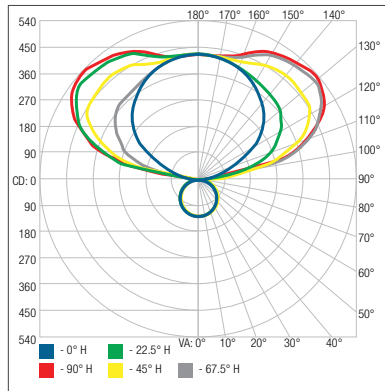
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**PHOTOMETRIC DATA<sup>1</sup>**

**L1PRI-48LOCS1-XX-30K • 2 405.1 lm**

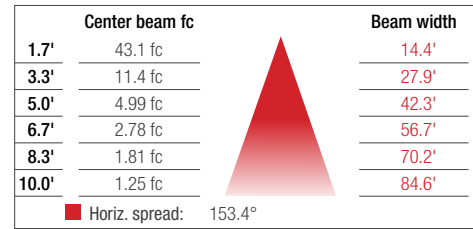
**Polar candela distribution**



**Zonal lumen summary**

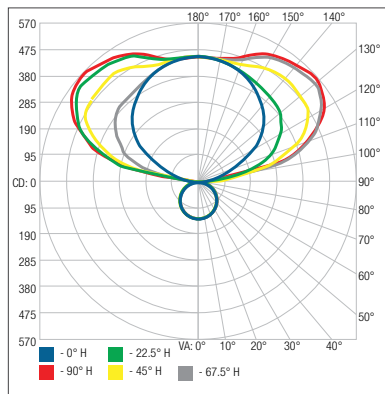
Zone	Lumens	% Fixture
0-30	98.3	4.1%
0-40	163.7	6.8%
0-60	298.6	12.4%
60-90	101.3	4.2%
70-100	86.1	3.6%
90-120	645.2	26.8%
0-90	399.9	16.6%
90-180	2 005.3	83.4%
0-180	2 405.1	100%

**Illuminance at a distance**



**L1PRI-48LLCS1-XX-30K • 2 419.2 lm**

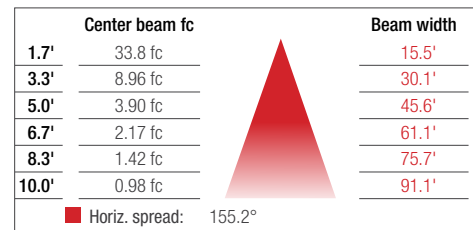
**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	75	3.1%
0-40	122.7	5.1%
0-60	216.4	8.9%
60-90	66.9	2.8%
70-100	81.7	3.4%
90-120	695.8	28.8%
0-90	283.3	11.7%
90-180	2 135.8	88.3%
0-180	2419.2	100%

**Illuminance at a distance**



<sup>1</sup> Complete IES files available on our website.

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