

# Are you ready to jump?

## JUMP CANTILEVER LED



DIRECT, RIBBED MESOOPTICS LENS - SOLIDSIDE  
CRI >80 3000K, 3600 lm/4ft

**Project:** \_\_\_\_\_

**Spec Type:** \_\_\_\_\_

**Catalog No:** 1231LCEQE \_\_\_\_\_

**Qty** \_\_\_\_\_

**Line Notes:** \_\_\_\_\_



### Ordering guide

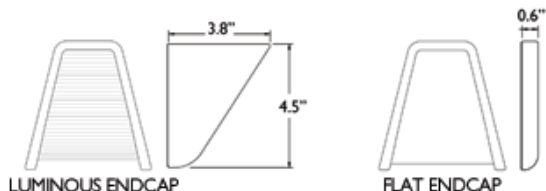
Product Type	Source	Color Temp *	Lumens *	Lower Optics	Upper Optics	Run Length	Wiring †	Voltage	Driver	Finish
<input type="text" value="1231"/>	<input type="text" value="L"/>	<input type="text" value="C"/>	<input type="text" value="E"/>	<input type="text" value="Q"/>	<input type="text" value="E"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Jump Symmetric	L LED	A 4000K B 3500K C 3000K	G 2400 lm/4ft E 3600 lm/4ft	Q MesoOptics Lens	E No Perf P PixelPerf S SplashPerf	04 4' 08 8' XX Total run length (4' increments)	1 1 cct 3 1 cct w/ EM cct 5 1 cct w/ BP 7 1 cct w/ Dimming 8 1 cct w/ TW B 2 cct A/B	1 120V 2 277V 3 347V	E Standard	W Standard White T Titanium Silver B Black X Custom

\* Nominal values within a range. Consult ies file for exact color temp and lumens † Consult website for complete list of standard wiring options

### Mounting Hardware

Mount Type  
Consult separate mounting spec sheet for mount type options

Endcaps -



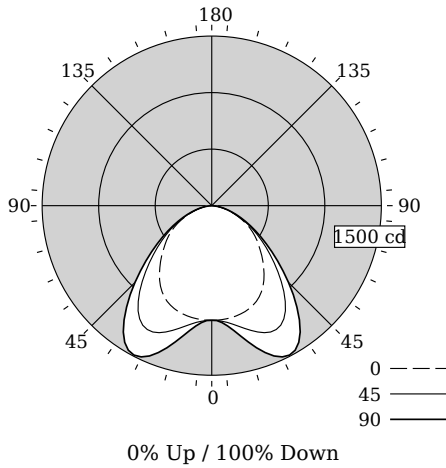
**Integrated Controls** Please indicate with check mark.

No Options Available



## DIRECT, RIBBED MESOOPTICS LENS - SOLIDSIDE

### Photometry



Total Output	3271 lm
Efficacy	71.7 lm/W
CCT	3087K
CRI	82
R9	15
Distribution	0% Up / 100% Down
Spacing Criteria (0/90/180°)	1.27/1.71/NA

Values per 4ft unit

Fixture photometry has been conducted by an NVLAP accredited testing laboratory in accordance with IESNA LM-79:2008

Lumen maintenance of the LEDs has been tested by the manufacturer in accordance with IESNA LM-80:2008

IES files for this and other photometric options can be downloaded online at [www.lightingproducts.philips.com](http://www.lightingproducts.philips.com)

### Candela Distribution

Vertical Angle	Horizontal Angle				Zonal Lumens
	0	22.5	45	67.5	
0	1014	1014	1014	1014	0
5	1012	1008	1026	1037	99
15	991	1023	1124	1216	320
25	934	1019	1233	1412	559
35	804	911	1136	1307	688
45	626	692	828	926	625
55	465	489	539	576	478
65	296	301	314	325	312
75	138	138	144	146	153
85	32	33	32	27	37
90	0	1	1	0	0
95	0	0	0	0	0
105	0	0	0	0	0
115	0	0	0	0	0
125	0	0	0	0	0
135	0	0	0	0	0
145	0	0	0	0	0
155	0	0	0	0	0
165	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

### Coefficients of Utilization (%)

RCR	Ceiling: Wall:		80				70				
	70	50	30	10	70	50	30	50	50	30	10
0	119	119	119	119	116	116	116	111	111	111	111
1	110	105	101	98	107	103	100	99	96	96	93
2	100	93	86	81	98	91	85	87	82	78	78
3	92	82	74	68	90	81	73	78	71	66	66
4	85	73	65	58	82	72	64	69	63	57	57
5	78	66	57	51	76	64	56	62	55	50	50
6	72	59	50	44	70	58	50	56	49	44	44
7	67	54	45	39	65	53	45	51	44	39	39
8	62	49	41	35	61	48	40	47	40	35	35
9	58	45	37	31	57	44	37	43	36	31	31
10	54	41	34	28	53	41	33	40	33	28	28

### Avg. Luminance (cd/m2)

Vertical Angle	Horizontal Angle		
	0	45	90
55	6837	7926	8661
65	5907	6266	6566
75	4497	4692	4823
85	3097	3097	2322

**LED lighting facts**  
A Program of the U.S. DOE

**Light Output (Lumens)** 3271  
**Watts** 45.6  
**Lumens per Watt (Efficacy)** 71

**Color Accuracy** 82  
Color Rendering Index (CRI)

**Light Color** 3087 (Bright White)  
Correlated Color Temperature (CCT)

Warm White | Bright White | Daylight  
2700K | 3000K | 4500K | 6500K

**Warranty\*\*** Yes

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

\*\* See [www.lightingfacts.com/products](http://www.lightingfacts.com/products) for details.

Registration Number: F462-XXBJGG (8/12/2013)  
Model Number: 12x1LCEQE  
Type: Other

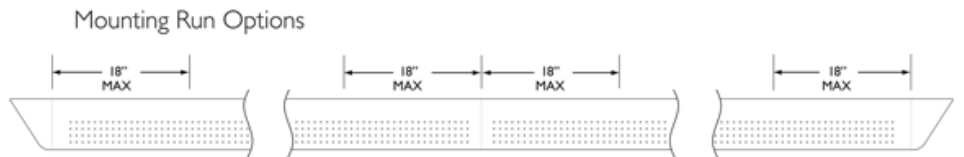
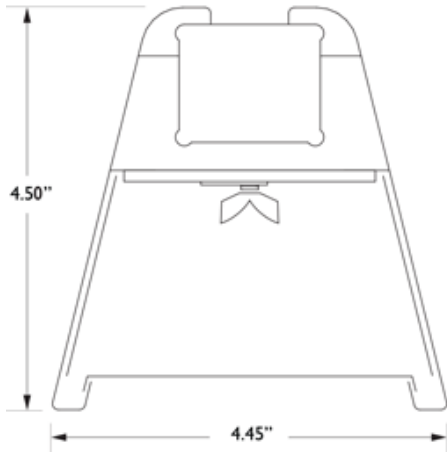
### Electrical Specifications

Input Voltage	120V
Input Power	45.6W
Input Current	0.4A
Power Factor	0.99
Tested values – contact technical support for rated values. Off-state power zero unless certain controls are specified.	

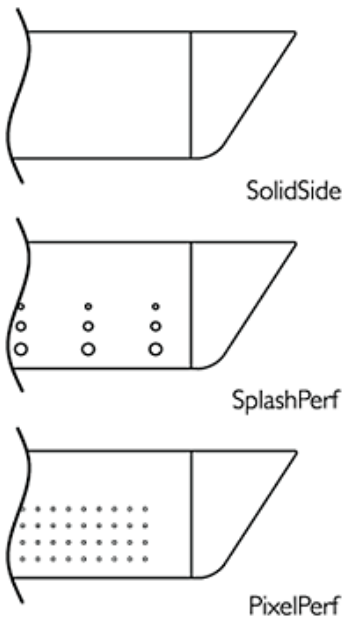
# JUMP CANTILEVER LED

DIRECT, RIBBED MESOOPTICS LENS - SOLIDSIDE

## Options and Details



## Optics & Styles



### Housing

20 gauge cold-rolled steel precision formed and welded with optional perforated patterns.

### Weight

Maximum 3.5lb/ft.

### Optical System

White light emitted from the LED sources passes through a biconvex lens where it is internally reflected and laterally refocused. Light is then redirected by Miro Silver reflectors and exits through the optical lens assembly. The optical lens assembly consists of an acrylic extrusion with a ribbed profile holding a layer of MesoOptics film. MesoOptics homogenizes the light and color to ensure consistency while controlling high angle glare and creating an optical batwing distribution.

### Standard Driver

Dimming: 0-10V, 5-100%. Output is Class 2 rated.

### Lumen Maintenance

At an ambient temperature of 25°C, the LED lumen maintenance expectation is  $L_{80}$  (12k) >60,000 hrs.

### Mounting

Variable position mounts are supplied for each joint and end. The mounts can be installed up to 18" from joints and end locations. Tamper-resistant aircraft cable grippers provide infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper are independently tested to meet stringent safety requirements.

### Joints

Self-aligning joining system with hands-free pre-joining wire access.

### Endcaps

Endcaps are diecast aluminum, available in luminous sculpted (standard) or flat (optional).

### Electrical

Factory pre-wired to section ends with quick-wire connectors.

### Approvals

Certified to UL, CSA and IES standards.

### Finish

High quality powder coated, available in matte white, black or titanium silver. Other factory and custom colors available on request.

### Environment

Rated for dry or damp locations in operating ambient temperatures 0-40°C (32-104°F). Certain luminaire components may be adversely affected by contaminants. Damage caused by sulfur, chlorine, petroleum based solutions or other contaminants are not covered under warranty.

Due to continuing product improvements, Philips Ledalite reserves the right to change the specifications without notice.



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[www.philips.com/luminaires](http://www.philips.com/luminaires)

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