

# Are you ready to jump?

## JUMP CANTILEVER ASYMMETRIC LED



DIRECT ASYMMETRIC, RIBBED MESOOPTICS LENS - SOLIDSIDE  
CRI >80 4000K, 3600 lm/4ft

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

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

**Catalog No:** 1238LAEQE

**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="1238"/>	<input type="text" value="L"/>	<input type="text" value="A"/>	<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 Asymmetric	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

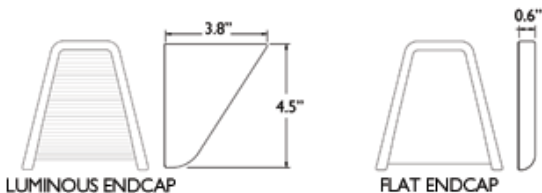
### Mounting Hardware

Mount Type  
Consult separate mounting spec sheet for mount type options

Endcaps -

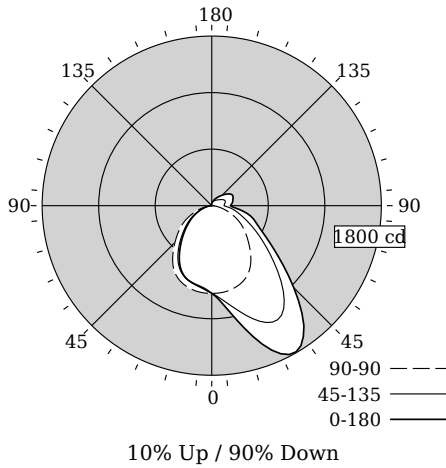
**Integrated Controls** Please indicate with check mark.

No Options Available



## DIRECT ASYMMETRIC, RIBBED MESOOPTICS LENS - SOLIDSIDE

### Photometry



Total Output	3372 lm
Efficacy	75.6 lm/W
CCT	4037K
CRI	82
R9	18
Distribution	10% Up / 90% Down
Spacing Criteria (0/90/180°)	1.95/1.26/1.12

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	45	90	135	180	
0	931	931	931	931	931	0
5	1014	985	930	894	882	90
15	1349	1166	907	844	840	285
25	1735	1368	849	773	762	486
35	1695	1332	724	626	595	593
45	1232	993	553	448	421	544
55	806	664	406	306	283	431
65	561	437	258	181	168	310
75	428	287	120	80	77	197
85	242	175	28	20	15	99
90	199	131	0	0	0	0
95	213	135	0	0	0	66
105	232	148	1	0	0	71
115	247	144	4	0	0	68
125	218	111	10	0	0	53
135	157	86	16	0	0	35
145	108	69	21	0	0	22
155	74	55	23	0	0	13
165	49	40	23	5	0	7
175	29	27	22	16	13	2
180	22	22	22	22	22	0

### Coefficients of Utilization (%)

RCR	Ceiling:		80					70				
	Wall:	70	50	30	10	70	50	30	50	30	10	
0		117	117	117	117	113	113	113	106	106	106	
1		106	102	97	93	103	98	94	92	89	86	
2		97	89	82	76	93	86	80	81	76	72	
3		89	78	70	64	85	76	69	72	65	60	
4		81	69	61	54	78	68	60	64	57	52	
5		75	62	53	47	72	60	52	57	50	45	
6		69	56	47	41	66	55	46	52	45	39	
7		64	51	42	36	62	49	41	47	40	35	
8		60	46	38	32	57	45	37	43	36	31	
9		56	42	34	29	54	41	34	40	33	28	
10		52	39	31	26	50	38	31	37	30	25	

### Avg. Luminance (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angle		
	0	90	180
55	6864	5643	2414
65	5354	4741	1604
75	4816	3412	865
85	3438	1879	216

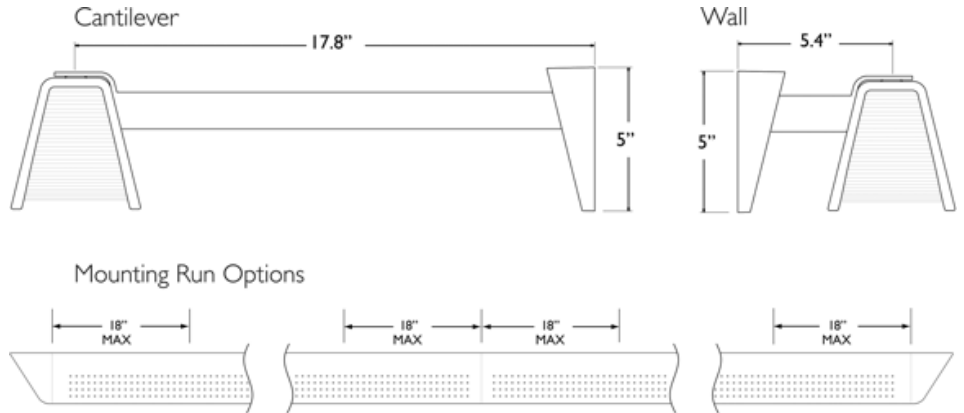
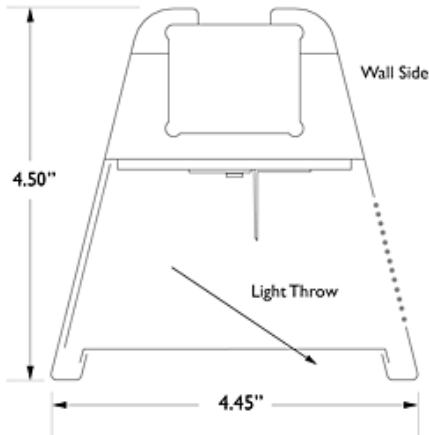
### Electrical Specifications

Input Voltage	120V
Input Power	44.6W
Input Current	0.4A
Power Factor	0.991
Tested values – contact technical support for rated values. Off-state power zero unless certain controls are specified.	

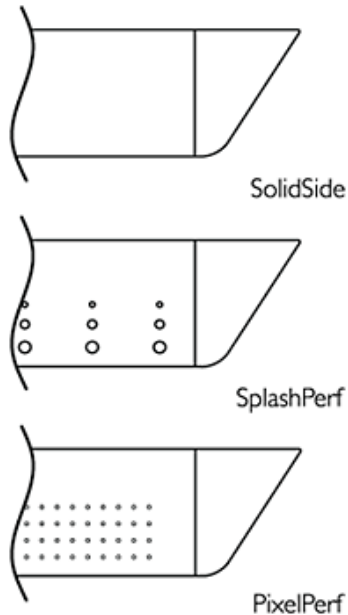
# JUMP CANTILEVER ASYMMETRIC LED

DIRECT ASYMMETRIC, 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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