

# Are you ready to jump?

## JUMP CANTILEVER ASYMMETRIC LED



DIRECT ASYMMETRIC, RIBBED MESOOPTICS LENS - SOLIDSIDE  
CRI >80 3000K, 2400 lm/4ft

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

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

**Catalog No:** 1238LCGQE

**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="C"/>	<input type="text" value="G"/>	<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

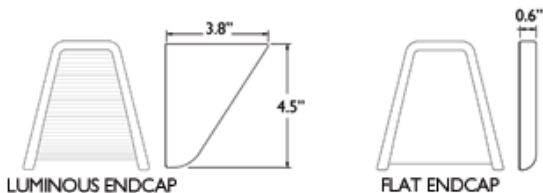
### Mounting Hardware

Mount Type  
Consult separate mounting spec sheet for mount type options

Endcaps -

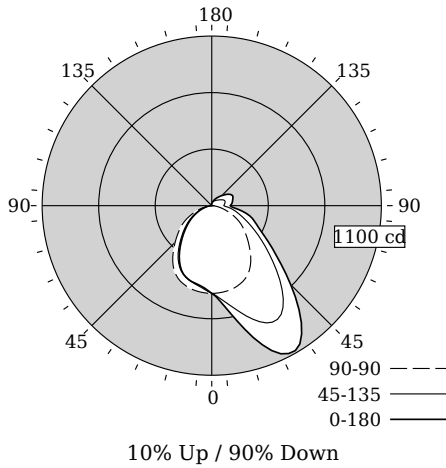
**Integrated Controls** Please indicate with check mark.

No Options Available



### DIRECT ASYMMETRIC, RIBBED MESOOPTICS LENS - SOLIDSIDE

#### Photometry



Total Output	2038 lm
Efficacy	73.3 lm/W
CCT	3080K
CRI	82
R9	16
Distribution	10% Up / 90% Down
Spacing Criteria (0/90/180°)	1.93/1.26/1.11

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	569	569	569	569	569	0
5	622	603	567	545	537	55
15	831	716	554	511	509	174
25	1060	839	519	468	463	297
35	1017	806	441	380	364	359
45	724	595	336	273	259	327
55	478	397	247	188	176	260
65	335	261	157	112	105	187
75	255	171	73	51	48	119
85	141	103	17	13	12	59
90	120	79	0	0	0	0
95	130	81	0	0	0	40
105	141	90	1	0	0	43
115	150	86	3	0	0	41
125	130	66	6	0	0	31
135	93	51	9	0	0	21
145	64	41	12	0	0	13
155	43	32	13	0	0	8
165	29	24	14	2	0	4
175	18	17	14	10	8	1
180	13	13	13	13	13	0

#### Coefficients of Utilization (%)

RCR	Ceiling:		80				70				50	
	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	95	92	89	86	
2		97	89	82	77	93	86	80	81	76	72	
3		89	78	70	64	85	76	69	72	66	60	
4		81	70	61	55	78	68	60	64	57	52	
5		75	62	54	47	72	61	52	57	50	45	
6		69	56	47	41	67	55	47	52	45	39	
7		64	51	42	36	62	50	42	47	40	35	
8		60	46	38	32	58	45	37	43	36	31	
9		56	43	35	29	54	42	34	40	33	28	
10		52	39	31	26	50	38	31	37	30	25	

#### Avg. Luminance (cd/m2)

Vertical Angle	Horizontal Angle		
	0	90	180
55	4075	3434	1497
65	3198	2889	998
75	2872	2071	541
85	1998	1104	171

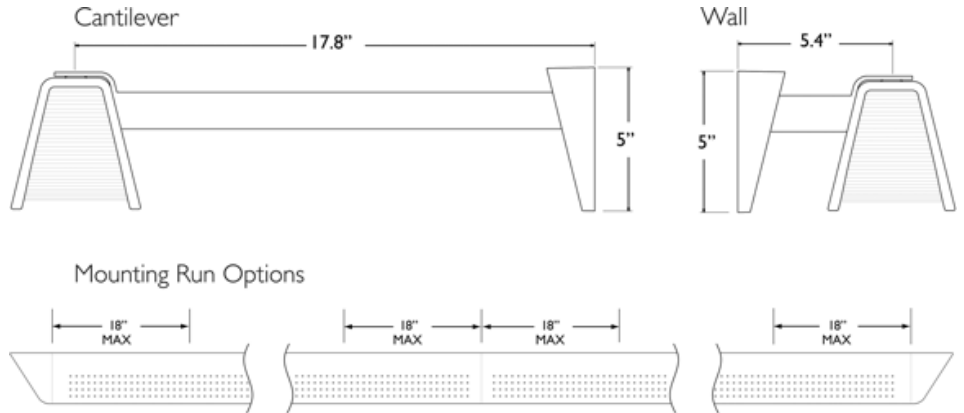
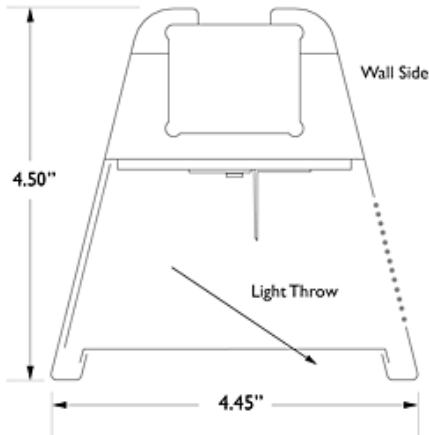
#### Electrical Specifications

Input Voltage	120V
Input Power	27.8W
Input Current	0.2A
Power Factor	0.983
Tested values – contact technical support for rated values. Off-state power zero unless certain controls are specified.	

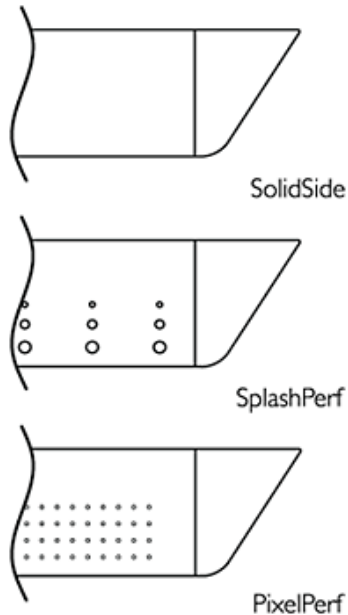
# JUMP CANTILEVER ASYMMETRIC LED

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.



©2014 Koninklijke Philips N.V. All rights reserved.  
Specifications are subject to change without notice.  
[www.philips.com/luminaires](http://www.philips.com/luminaires)

1238LCGQE.pdf 02.15 page 3 of 3

Philips Lighting  
North America Corporation  
200 Franklin Square Drive  
Somerset, NJ 08873  
Phone: 855-486-2216

Philips Lighting Company  
281 Hillmount Road  
Markham ON, Canada L6C 2S3  
Phone: 800-668-9008