

Are you ready to jump?

JUMP WALL LED



DIRECT ASYMMETRIC, RIBBED MESOOPTICS LENS - SOLIDSIDE
CRI >80 3500K, 3600 lm/4ft

Project: _____

Spec Type: _____

Catalog No: 1228LBEQE

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="1228"/>	<input type="text" value="L"/>	<input type="text" value="B"/>	<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

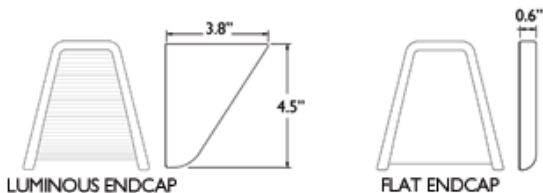
Mounting Hardware

Mount Type
Consult separate mounting spec sheet for mount type options

Endcaps -

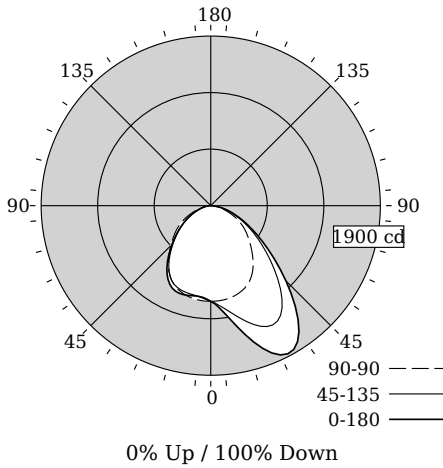
Integrated Controls Please indicate with check mark.

No Options Available



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Photometry



Total Output	3230 lm
Efficacy	71.6 lm/W
CCT	3494K
CRI	84
R9	22
Distribution	0% Up / 100% Down
Spacing Criteria (0/90/180°)	1.83/1.25/1.29

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

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	45	90	135	180	
0	1072	1072	1072	1072	1072	0
5	1154	1124	1070	1039	1031	104
15	1497	1310	1044	1012	1039	329
25	1845	1494	975	972	1020	558
35	1723	1394	828	820	856	671
45	1191	1006	632	595	614	605
55	715	644	466	402	405	465
65	400	375	295	239	237	305
75	190	174	136	110	111	153
85	33	40	32	29	27	39
90	0	1	0	1	0	0
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	0

Coefficients of Utilization (%)

RCR	Ceiling:		80		70		50		50	
	70	50	30	10	70	50	30	50	30	10
0	119	119	119	119	116	116	116	111	111	111
1	110	105	101	98	107	103	100	99	96	93
2	100	93	86	81	98	91	85	87	83	78
3	92	82	75	68	90	81	74	78	72	67
4	85	73	65	59	82	72	64	70	63	57
5	78	66	57	51	76	65	57	63	55	50
6	72	59	51	45	70	58	50	57	49	44
7	67	54	45	40	65	53	45	52	44	39
8	62	49	41	35	61	49	41	47	40	35
9	58	45	37	32	57	45	37	44	37	32
10	55	42	34	29	53	41	34	40	33	29

Avg. Luminance (cd/m2)

Vertical Angle	Horizontal Angle		
	0	90	180
55	10514	6852	5955
65	7983	5887	4730
75	6191	4432	3617
85	3193	3097	2613

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

Light Output (Lumens) 3230
Watts 45.1
Lumens per Watt (Efficacy) 71

Color Accuracy 84
Color Rendering Index (CRI)

Light Color
Correlated Color Temperature (CCT) 3494 (Bright White)

Warm White 3000K Bright White 4500K Daylight 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 for details.

Registration Number: F46Z-FBQ2X6 (5/12/2013)
Model Number: 12x8LBEQE
Type: Other

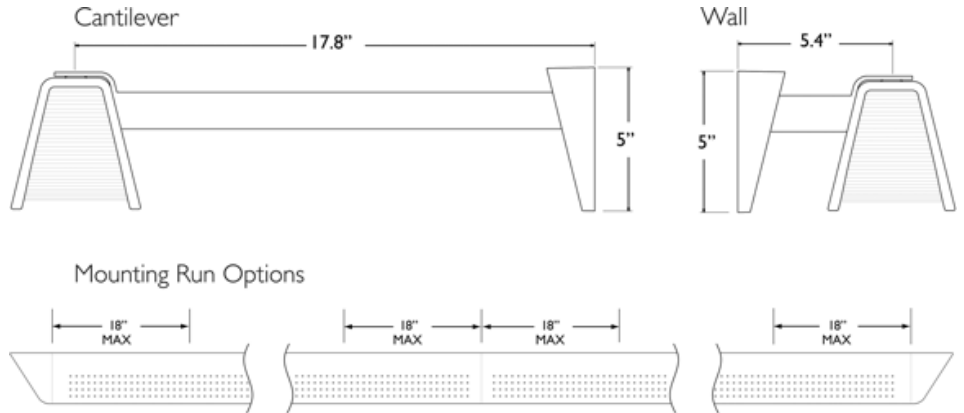
Electrical Specifications

Input Voltage	120V
Input Power	45.1W
Input Current	0.4A
Power Factor	0.989
Tested values – contact technical support for rated values. Off-state power zero unless certain controls are specified.	

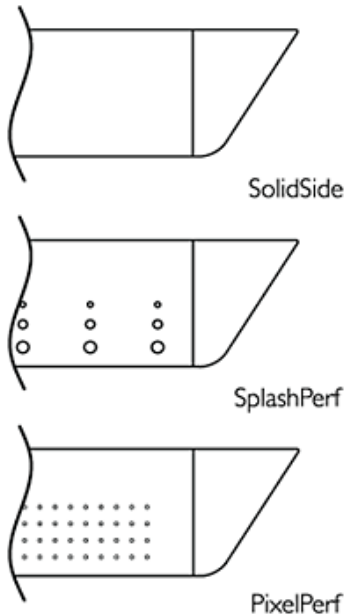
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Options and Details



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

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