

Are you ready to jump?

JUMP SURFACE ASYMMETRIC LED



DIRECT ASYMMETRIC, RIBBED MESOOPTICS LENS - SOLIDSIDE
CRI >80 3500K, 2400 lm/4ft

Project: _____

Spec Type: _____

Catalog No: 1218LBGQE

Qty _____

Line Notes: _____



Ordering guide

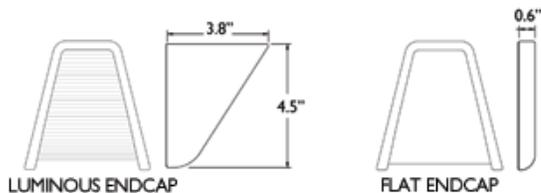
Product Type	Source	Color Temp *	Lumens *	Lower Optics	Upper Optics	Run Length	Wiring †	Voltage	Driver	Finish
<input type="text" value="1218"/>	<input type="text" value="L"/>	<input type="text" value="B"/>	<input type="text" value="G"/>	<input type="text" value="Q"/>	<input type="text" value="E"/>	<input 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

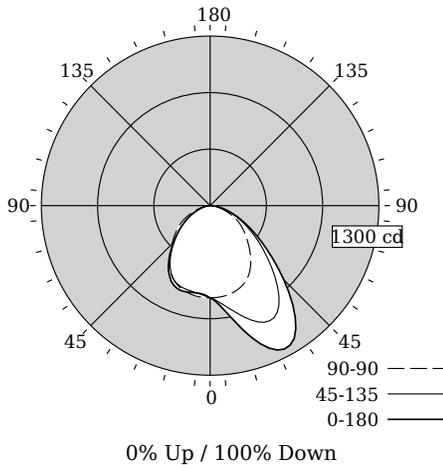
Please indicate with check mark.

Response Daylight Single Zone (DS)



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Photometry



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

Light Output (Lumens) 2139
Watts 27.7
Lumens per Watt (Efficacy) 77

Color Accuracy
Color Rendering Index (CRI) **84**

Light Color
Correlated Color Temperature (CCT) **3487 (Bright White)**

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 for details.**

Registration Number: F462-4VXDXXW (8/12/2013)
Model Number: 12x18LBGQE
Type: Other

Total Output	2139 lm
Efficacy	77.2 lm/W
CCT	3487K
CRI	84
R9	22
Distribution	0% Up / 100% Down
Spacing Criteria (0/90/180°)	1.84/1.25/1.28
Meets RP-1-04 recommendations for VDT-Normal spaces	

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	707	707	707	707	707	0
5	759	740	705	686	680	69
15	988	862	688	668	685	217
25	1221	986	643	641	669	368
35	1151	925	546	539	561	444
45	803	671	417	391	400	402
55	484	432	306	263	262	308
65	273	252	196	156	152	203
75	129	120	92	71	70	102
85	25	29	22	19	14	26
90	0	0	0	0	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	
	Wall:	70	50	30	10	70	50	30	50	30	10	
0	119	119	119	119	116	116	116	111	111	111	111	
1	110	105	101	98	107	103	99	99	96	93	93	
2	100	93	86	81	98	91	85	87	83	78	78	
3	92	82	74	68	90	81	73	78	72	67	67	
4	85	73	65	59	82	72	64	69	63	57	57	
5	78	66	57	51	76	65	57	63	55	50	50	
6	72	59	51	45	70	58	50	57	49	44	44	
7	67	54	45	39	65	53	45	52	44	39	39	
8	62	49	41	35	61	49	41	47	40	35	35	
9	58	45	37	32	57	45	37	43	36	32	32	
10	55	42	34	29	53	41	34	40	33	29	29	

Avg. Luminance (cd/m2)

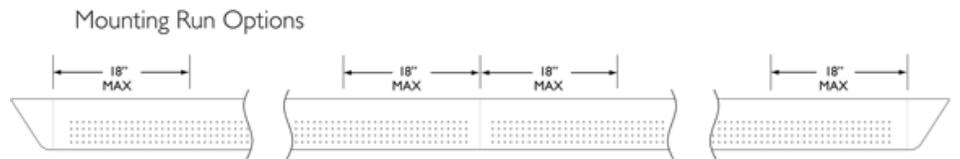
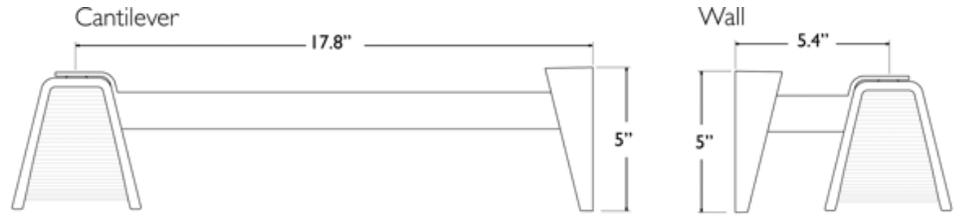
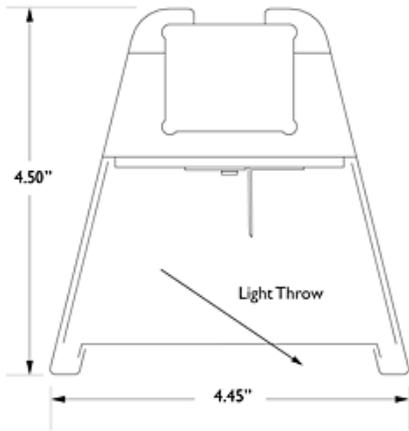
Vertical Angle	Horizontal Angle		
	0	90	180
55	7117	4499	3852
65	5448	3911	3033
75	4204	2998	2281
85	2419	2129	1355

Electrical Specifications

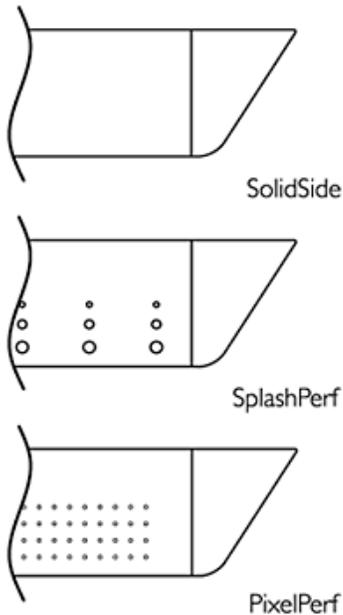
Input Voltage	120V
Input Power	27.7W
Input Current	0.2A
Power Factor	0.983
Tested values – contact technical support for rated values. Off-state power zero unless certain controls are specified.	

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Options and Details



Optics & Styles



Housing

20 gauge cold-rolled steel precision formed and welded with optical 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_{90} (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.

