

# Are you ready to jump?

## JUMP SURFACE ASYMMETRIC LED



DIRECT ASYMMETRIC, RIBBED MESOOPTICS LENS - SOLIDSIDE  
CRI >80 4000K, 2400 lm/4ft

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

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

**Catalog No:** 1218LAGQE

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

**Line Notes:**



### Ordering guide

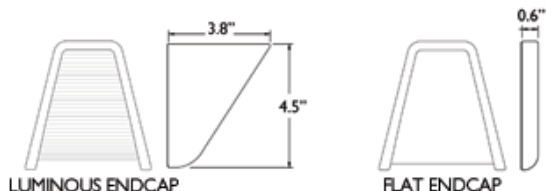
Product Type	Source	Color Temp *	Lumens *	Lower Optics	Upper Optics	Run Length	Wiring †	Voltage	Driver	Finish
<input type="text" value="1218"/>	<input type="text" value="L"/>	<input type="text" value="A"/>	<input type="text" value="G"/>	<input type="text" value="Q"/>	<input type="text" value="E"/>	<input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



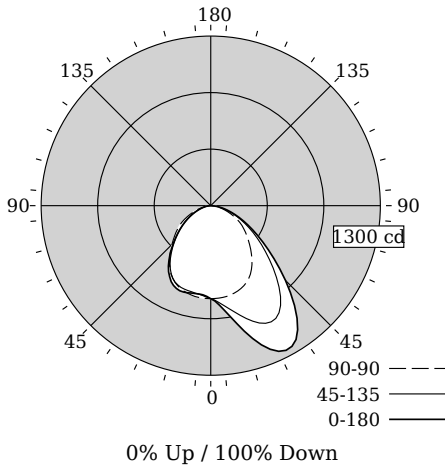
**Integrated Controls** Please indicate with check mark.

Response Daylight Single Zone (DS)



### DIRECT ASYMMETRIC, RIBBED MESOOPTICS LENS - SOLIDSIDE

#### Photometry



Total Output	2158 lm
Efficacy	78.5 lm/W
CCT	4018K
CRI	82
R9	17
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](http://www.lightingproducts.philips.com)

#### Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	45	90	135	180	
0	713	713	713	713	713	0
5	766	747	711	692	686	69
15	997	870	694	674	691	219
25	1232	995	649	647	675	372
35	1161	933	551	544	566	448
45	810	677	421	395	404	405
55	488	436	309	265	264	311
65	275	254	198	157	153	205
75	130	121	93	72	71	103
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	70	50	30	50	30	10
0			119	119	119	119	116	116	116	111	111	111	111	111	111	111	111	111
1			110	105	101	98	107	103	99	99	96	93	99	99	96	93	96	93
2			100	93	86	81	98	91	85	87	83	78	91	85	87	83	78	72
3			92	82	74	68	90	81	73	78	72	67	82	74	68	69	63	57
4			85	73	65	59	82	72	64	69	63	57	75	65	59	60	54	48
5			78	66	57	51	76	65	57	63	57	50	70	60	54	56	50	44
6			72	59	51	45	70	58	50	57	49	44	65	55	49	51	45	39
7			67	54	45	39	65	53	45	52	44	39	60	50	44	46	40	34
8			62	49	41	35	61	49	41	47	40	35	56	46	40	42	36	30
9			58	45	37	32	57	45	37	43	36	32	52	42	36	38	32	26
10			55	42	34	29	53	41	34	40	33	29	49	38	32	34	28	22

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

Vertical Angle	Horizontal Angle		
	0	90	180
55	7181	4540	3887
65	5497	3947	3061
75	4241	3025	2302
85	2441	2148	1367

#### Electrical Specifications

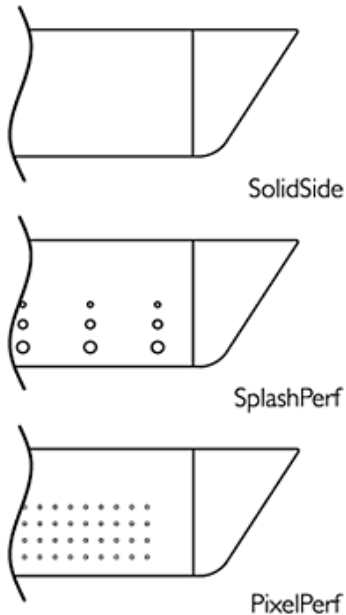
Input Voltage	120V
Input Power	27.5W
Input Current	0.2A
Power Factor	0.981
Tested values – contact technical support for rated values. Off-state power zero unless certain controls are specified.	

### DIRECT ASYMMETRIC, RIBBED MESOOPTICS LENS - SOLIDSIDE

#### 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  $L_{80}$  (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.

