

# Minimalist scale, unequaled performance that delivers

## CHOPSTICK WALL LED



DIRECT/INDIRECT ASYMMETRIC, MESOOPTICS LENS  
2800 lm/4ft 3500K

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

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

**Catalog No:** 7508LBExN \_\_\_\_\_

**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="7508"/>	<input type="text" value="L"/>	<input type="text" value="B"/>	<input type="text" value="E"/>	<input type="text"/>	<input type="text" value="N"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Chopstick Wall Direct/Ind	L LED	A 4000K B 3500K C 3000K	E 2800 lm/4ft G 1900 lm/4ft	S MesoOptics Lens Q MesoOptics Lens	N Lightguide	04 4' 06 6' 08 8' Total run length (2' increments)	1 1 cct 3 1 cct + EM/NL Wiring 5 1 cct + EM Batt. Pack 7 1 cct Dimming B 2 cct A/B E 2 cct A/B Dimming M 1 cct Dimming + EM Wiring N 1 cct Dimming + EM Batt. Pack	1 120V 2 277V 3 347V	E Philips Advance	W Standard White T Titanium Silver B Black C Custom

\* Nominal values within a range. Consult photometry data for exact color temp, lumens & distribution.  
 † Not all wiring types are available with all configurations. Consult Philips Ledalite for a complete list of available options.  
 ‡ 347 only available in 8ft modules. Driver details on following pages.

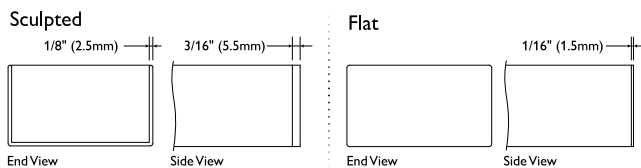
### Mounting Hardware

Mount Type  
Consult separate mounting spec sheet for mount type options

Endcaps -

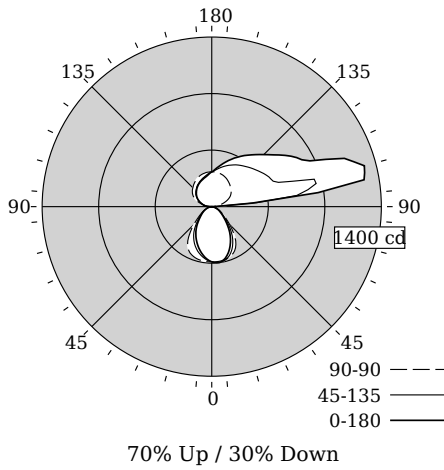
**Integrated Controls** Please indicate with check mark.

No Options Available



## DIRECT/INDIRECT ASYMMETRIC, MESOOPTICS LENS

### Photometry



<b>Total Output</b>	<b>2794 lm</b>
<b>Efficacy</b>	<b>74.1 lm/W</b>
<b>CCT</b>	<b>3402K</b>
<b>CRI</b>	<b>83</b>
<b>Distribution</b>	<b>70% Up / 30% Down</b>
<b>Peak/Zenith Ratio</b>	<b>4.55</b>
<b>Peak Output</b>	<b>1304 cd @ 105°</b>
Meets RP-1-12 recommendations for VDT-Critical spaces	

Values per 4ft unit

Fixture photometry has been conducted in accordance with IESNA LM-79-08

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	
0	456	456	456	456	0
5	466	463	456	443	43
15	438	453	449	398	120
25	358	393	423	337	169
35	258	295	345	257	176
45	158	181	211	165	146
55	95	106	116	103	96
65	57	62	64	63	61
75	23	26	26	29	29
85	7	6	4	9	10
90	0	0	0	0	0
95	335	374	20	47	63
105	1304	876	90	80	82
115	894	539	153	122	119
125	738	496	195	158	152
135	608	453	221	185	179
145	519	416	245	209	203
155	443	378	267	231	225
165	370	340	281	251	244
175	308	301	287	275	269
180	287	287	287	287	287

### Coefficients of Utilization (%)

RCR	Ceiling:		80				70				50				0	
	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10
0	102	102	102	102	92	92	92	72	72	72	30	30	30	30	30	30
1	94	90	86	83	84	81	78	64	62	60	26	26	26	26	26	26
2	86	79	73	69	77	71	66	57	53	51	23	23	23	23	23	23
3	79	70	63	58	70	63	57	50	46	43	20	20	20	20	20	20
4	72	62	55	49	65	56	50	45	41	37	18	18	18	18	18	18
5	66	55	48	42	59	50	44	40	36	32	16	16	16	16	16	16
6	61	50	42	37	55	45	39	37	32	28	14	14	14	14	14	14
7	57	45	38	32	51	41	34	33	28	25	13	13	13	13	13	13
8	52	41	34	29	47	37	31	30	26	22	12	12	12	12	12	12
9	49	37	30	26	44	34	28	28	23	20	11	11	11	11	11	11
10	46	34	27	23	41	31	25	26	21	18	10	10	10	10	10	10

### Avg. Luminance (cd/m2)

Vertical Angle	Horizontal Angle		
	0	90	180
55	4842	5942	4915
65	3982	4480	4182
75	2601	2926	3251
85	2414	1448	3379

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

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**Light Output (Lumens)** 2794  
**Watts** 37.7  
**Lumens per Watt (Efficacy)** 74

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**Color Accuracy**  
Color Rendering Index (CRI) 83

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**Light Color**  
Correlated Color Temperature (CCT) 3402 (Bright White)

2700K 3000K 4500K 6500K

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**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](http://www.lightingfacts.com/products) for details.

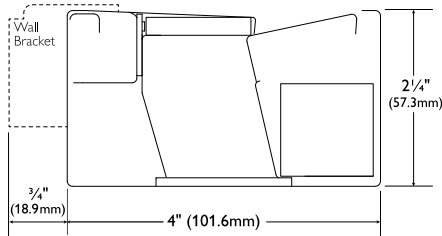
Registration Number: F46Z-88X1YM (3/20/2014)  
Model Number: 7508LBE004  
Type: Luminaire - Linear

### Electrical Specifications

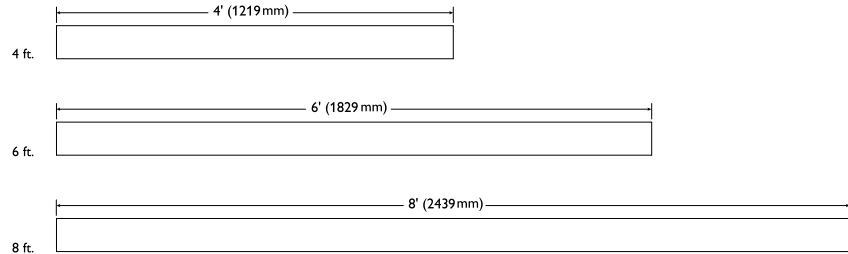
<b>Input Voltage</b>	<b>120V</b>	<b>277V</b>
<b>Input Power</b>	<b>37.7W</b>	<b>37.4W</b>
<b>Input Current</b>	<b>0.32A</b>	<b>0.15A</b>
<b>Power Factor</b>	<b>0.986</b>	<b>0.907</b>
<b>Total Harm. Distortion</b>	<b>14.9%</b>	<b>20.3%</b>
<b>0</b>		

## DIRECT/INDIRECT ASYMMETRIC, MESOOPTICS LENS

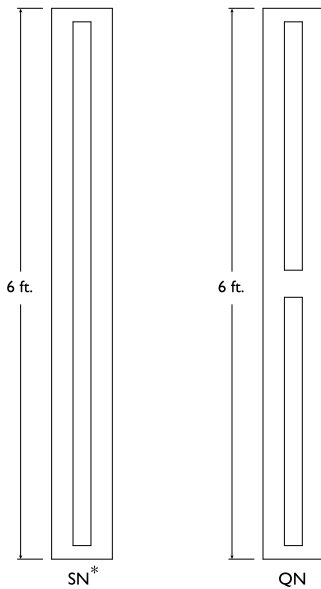
### Options and Details



#### Modules



### Optics & Styles



\*SN optic is only available in 6ft modules

#### Housing

Precision formed 20 gauge cold-rolled steel.

#### Weight

Maximum 3.0lb/ft.

#### Optical System

A low-profile light guide panel is edge lit by an LED array. The light guide couples and transmits the light via total internal reflection, then the etched surface of the panel optimizes the light extraction to create a semi-indirect (suspended) or direct/indirect (wall) distribution. Light is purified and controlled by MesoOptics film as it passes through the nonglare acrylic lens.

#### Standard Driver

Dimming: 0-10V, 5-100%. Output is Class 2 rated. 347V option uses a step-down transformer (only available in 8ft module).

#### Lumen Maintenance

At an ambient temperature of 25°C, the LED lumen maintenance expectation is  $L_{80}$  (12k) 70,000 hrs.

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#### Mounting

**Suspended:** tamper-resistant aircraft cable grippers provide infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper are independently tested to meet stringent safety requirements.

**Wall:** Steel mounting brackets provided, spaced 4ft on center; fixture held 3/4" from wall.

#### Joints

Self-aligning joining system with hands-free pre-joining wire access.

#### Endcaps

Diecast aluminum endcaps, available in flat (standard) or edge sculpted.

#### 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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