

# Minimalist scale, unequaled performance that delivers

## CHOPSTICK WALL LED



DIRECT/INDIRECT ASYMMETRIC, MESOOPTICS LENS  
1900 lm/4ft 4000K

**Project:**

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**Spec Type:**

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**Catalog No:** 7508LAGxN

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**Qty**

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**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="A"/>	<input type="text" value="G"/>	<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 Q Lens 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.

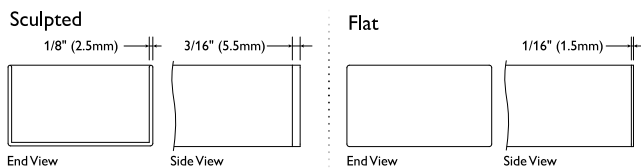
### Mounting Hardware

Mount Type  
Consult separate mounting spec sheet for mount type options

Endcaps -

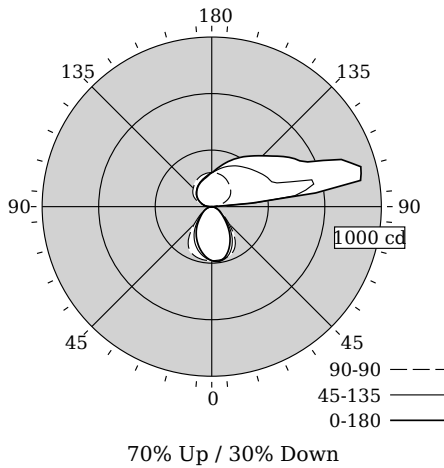
**Integrated Controls** Please indicate with check mark.

No Options Available



## DIRECT/INDIRECT ASYMMETRIC, MESOOPTICS LENS

### Photometry



<b>Total Output</b>	<b>1950 lm</b>
<b>Efficacy</b>	<b>79.9 lm/W</b>
<b>CCT</b>	<b>4014K</b>
<b>CRI</b>	<b>82</b>
<b>Distribution</b>	<b>70% Up / 30% Down</b>
<b>Peak/Zenith Ratio</b>	<b>4.55</b>
<b>Peak Output</b>	<b>910 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	180	
0	318	318	318	318	318	0
5	325	323	318	309	304	30
15	306	316	313	278	261	83
25	250	274	295	235	210	118
35	180	206	241	179	156	123
45	110	126	147	115	102	96
55	66	74	81	72	67	66
65	40	43	45	44	42	43
75	16	18	18	20	20	20
85	5	4	3	6	7	6
90	0	0	0	0	0	0
95	234	261	14	33	44	141
105	910	611	63	56	57	303
115	624	376	107	85	83	237
125	515	346	136	110	106	204
135	424	316	154	129	125	170
145	362	290	171	146	142	135
155	309	264	186	161	157	98
165	258	237	196	175	170	58
175	215	210	200	192	188	19
180	200	200	200	200	200	0

### Coefficients of Utilization (%)

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

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

Vertical Angle	Horizontal Angle		
	0	90	180
55	3379	4147	3430
65	2779	3126	2918
75	1815	2042	2269
85	1684	1011	2358

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

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**Light Output (Lumens)** **1950**  
**Watts** **24.4**  
**Lumens per Watt (Efficacy)** **79**

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**Color Accuracy** **82**  
Color Rendering Index (CRI)

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**Light Color**  
Correlated Color Temperature (CCT) **4014 (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.

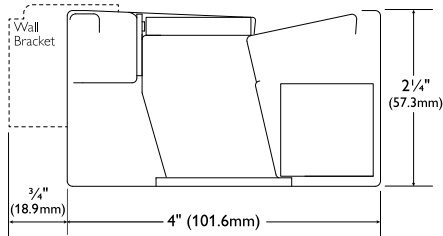
Registration Number: F46Z-F5WFFH (4/9/2014)  
Model Number: 7508LAG004  
Type: Luminaire - Linear

### Electrical Specifications

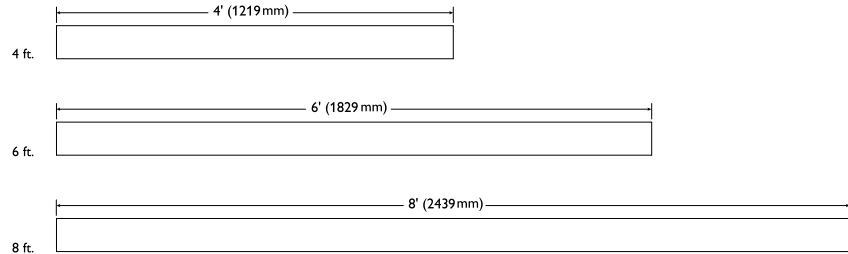
<b>Input Voltage</b>	<b>120V</b>	<b>277V</b>
<b>Input Power</b>	<b>24.4W</b>	<b>24.8W</b>
<b>Input Current</b>	<b>0.21A</b>	<b>0.11A</b>
<b>Power Factor</b>	<b>0.979</b>	<b>0.846</b>
<b>Total Harm. Distortion</b>	<b>18.5%</b>	<b>24.1%</b>
<b>0</b>		

## DIRECT/INDIRECT ASYMMETRIC, MESOOPTICS LENS

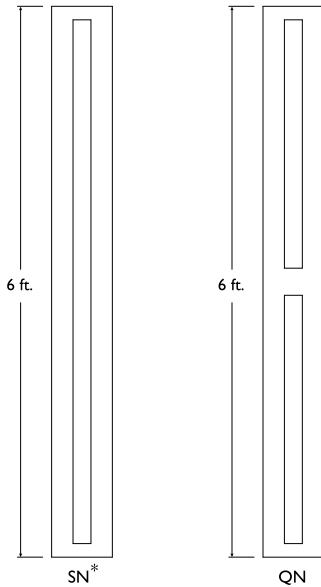
### Options and Details



#### 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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