

Minimalist scale, unequaled performance that delivers

CHOPSTICK WALL LED



DIRECT/INDIRECT ASYMMETRIC, MESOOPTICS LENS
1900 lm/4ft 3000K

Project:

Spec Type:

Catalog No: 7508LCGxN

Qty

Line Notes:



Ordering guide

Product Type	Source	Color Temp *	Lumens *	Lower Optics	Upper Optics	Run Length	Wiring †	Voltage ‡	Driver ‡	Finish
7508	L	C	G		N					
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.

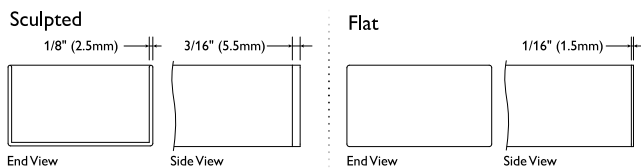
Mounting Hardware

Wall Mount Type
Consult separate mounting spec sheet for mount type options

Endcaps -

Integrated Controls Please indicate with check mark.

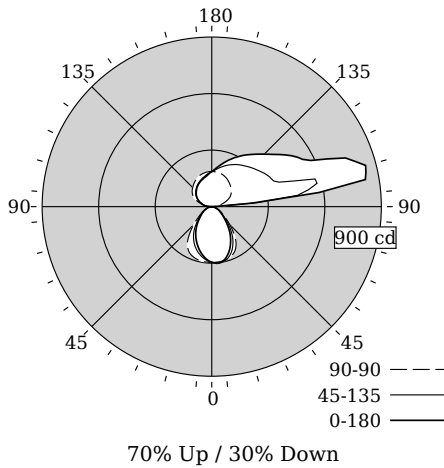
No Options Available



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Photometry



Total Output	1811 lm
Efficacy	74.8 lm/W
CCT	3031K
CRI	82
Distribution	70% Up / 30% Down
Peak/Zenith Ratio	4.55
Peak Output	845 cd @ 105°
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

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	45	90	135	180	
0	295	295	295	295	295	0
5	302	300	295	287	282	28
15	284	294	291	258	242	78
25	232	255	274	218	195	110
35	167	191	224	166	145	114
45	102	117	137	107	95	89
55	61	69	75	67	62	61
65	37	40	42	41	39	40
75	15	17	17	19	19	19
85	5	4	3	6	7	5
90	0	0	0	0	0	0
95	217	242	13	31	41	131
105	845	568	59	52	53	282
115	580	349	99	79	77	220
125	478	321	126	102	98	190
135	394	294	143	120	116	158
145	336	269	159	136	132	125
155	287	245	173	150	146	91
165	240	220	182	163	158	54
175	200	195	186	178	175	18
180	186	186	186	186	186	0

Coefficients of Utilization (%)

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

Avg. Luminance (cd/m2)

Vertical Angle	Horizontal Angle		
	0	90	180
55	3139	3852	3186
65	2582	2905	2711
75	1686	1897	2108
85	1565	939	2191

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

Light Output (Lumens) 1811
Watts 24.2
Lumens per Watt (Efficacy) 74

Color Accuracy 882
Color Rendering Index (CRI)

Light Color 3031 (Bright White)
Correlated Color Temperature (CCT)

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.

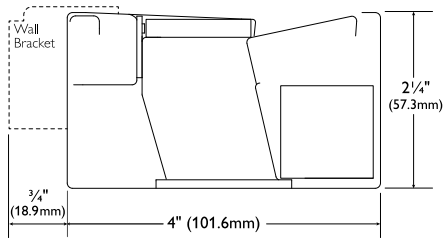
Registration Number: F46Z-SA3KJ (3/20/14)
Model Number: 7508LGGxx04
Type: Luminaire - Linear

Electrical Specifications

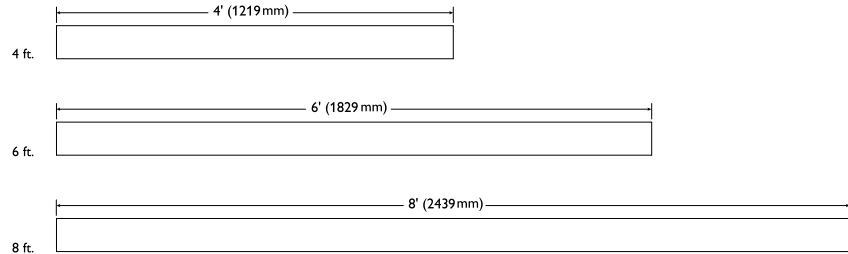
Input Voltage	120V	277V
Input Power	24.2W	24.6W
Input Current	0.21A	0.11A
Power Factor	0.979	0.846
Total Harm. Distortion	18.5%	24.1%
0		

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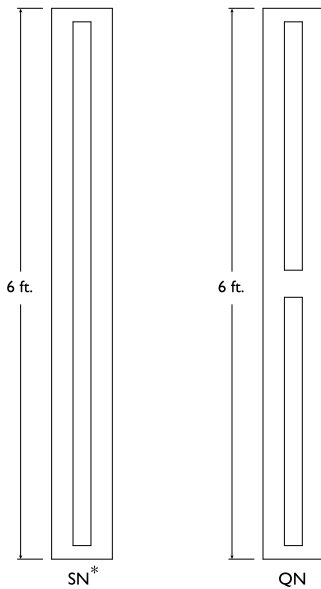
Options and Details



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

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