



Linear

Chopstick wall

4400 lm/4ft
3000/3500/4000K



Project: _____
 Spec Type: _____
 Catalog No: 7508LxCQN04 _____
 Qty _____
 Line Notes: _____

Fixture scale, performance, lighting quality and budget—why compromise? Chopstick offers small size with big lighting performance and a price point that makes it ideal for use in many different types of spaces.

Ordering guide

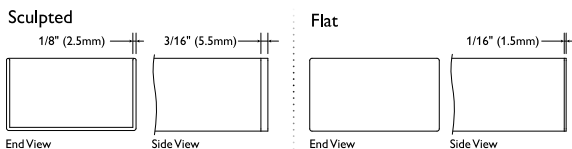
Product Type	Source	Color Temp *	Lumens *	Lower Optics	Upper Optics	Run Length	Wiring †	Voltage	Driver	Finish
7508	L		C	Q	N					
Chopstick Wall Direct/Ind	L LED	A 4000K B 3500K C 3000K	C 4400 lm/4ft E 2800 lm/4ft G 1900 lm/4ft	Q MesoOptics Lens S MesoOptics Lens	N Lightguide	04 4' 06 6' 08 8' XX Total run length (2' increments)	7 1 cct Dimming E 2 cct A/B Dimming (Alt. 4ft.) M 1 cct Dimming + EM Wiring N 1 cct Dimming + EM Batt. Pack	1 120V 2 277V 3 347V	E Philips Advance 0-10V (1% dim)	W Standard White T Titanium Silver B Black C Custom

* Nominal values within a range. Consult photometry data for CRI, color temp, lumens & distribution of chosen configuration.
 † Not all wiring types are available with all configurations. Consult Philips Ledalite for a complete list of available options.

Mounting Hardware

Mount Type
 Consult separate mounting spec sheet for mount type options:
Ledalite Suspended Mounting Options

Endcaps -



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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 non-glare acrylic lens.

Endcaps

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

Finish

High quality powder coated, available in matte white, black or titanium silver. Other factory and custom colors available on request.

Housing

Precision formed 20 gauge cold-rolled steel.

Weight

Maximum 3.0lb/ft.

Electrical

Factory pre-wired to section ends with quick-wire connectors.

QuickShip

Upon request, Chopstick suspended can be made-to-order and shipped in 10-working days from receipt of order.

Some configurations excluded. Limit of 500' linear feet per order.

QuickShip details are available in the links below:

[QuickShip ColorCoded Guide](#)

[QuickShip Order Guide](#)

Standard Driver

Philips Advance Xitanium 0-10V, 1-100%. Class 2 rated output. Consult Philips Ledalite for other available drivers.

Standard Battery Pack

Philips Bodine, 90 min, 10W, Class 2 rated output, Emergency lumen output = 10W x luminaire efficacy x 1.1. Typical output: suspended 1100lm, wall 900lm.

Lumen Maintenance

LEDs have been tested by the manufacturer in accordance with IESNA LM-80-08. At an ambient temperature of 25°C, the LED lumen maintenance expectation according to IES TM-21-11 is: L₉₀ (10k) >60,000 hrs (**Reported** methodology)

Source Color

LEDs rated for color rendering CRI >80, R9 >0 and fixture to fixture color accuracy within 2 SDCM.

Controls

Available with the following integrated controls:
Response daylight sensor (for single zone).

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.

Approvals

Certified to UL, CSA and IES standards. Suspended versions without battery packs are DesignLights Consortium® qualified. Please see the DLC QPL list for exact catalog numbers under DLC family code WWWBYU (www.designlights.org/QPL).

Warranty

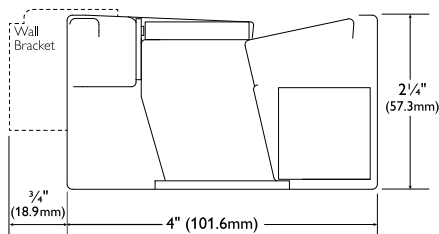
Philips indoor professional luminaires 5 year LED warranty: <http://www.philips.com/warranties>

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 in the area of operation are not covered under warranty. Not suitable for natatorium environments.

Due to continuing product improvements, Philips Ledalite reserves the right to change the specifications without notice.

Dimensions - Cross Section



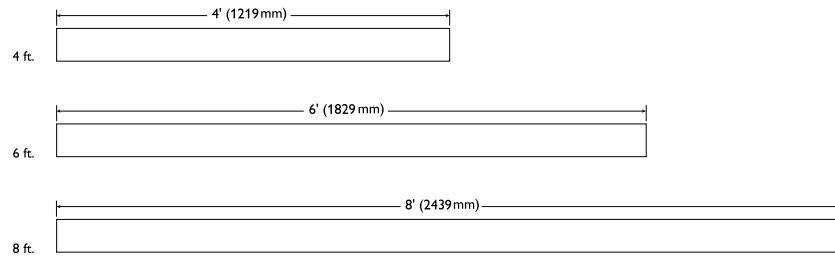
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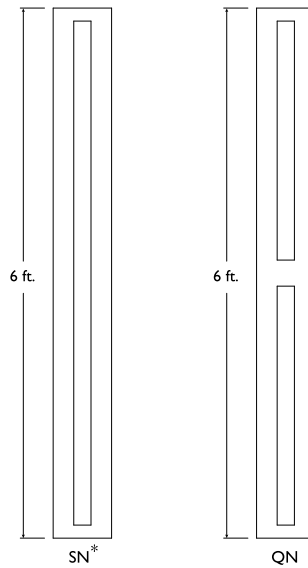
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Dimensions - Modules

Modules



Optics and Styles



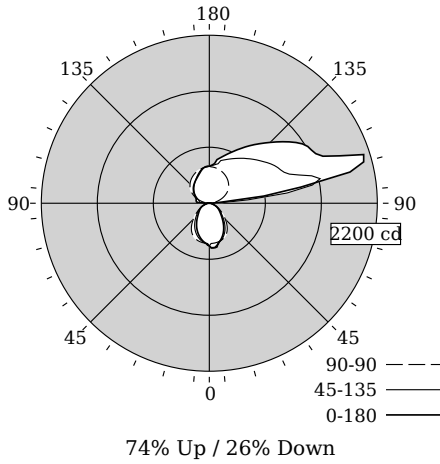
*SN optic is only available in 6ft modules

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Photometry @ CRI>80, 3500K



Candela Distribution

Vertical Angle	Horizontal Angle				Zonal Lumens
	0	45	90	135	
0	560	560	560	560	560
5	589	580	527	529	526
15	519	523	516	486	464
25	432	457	484	420	381
35	320	356	411	335	288
45	219	247	297	244	206
55	155	167	192	173	155
65	102	104	114	117	111
75	45	47	50	60	55
85	17	18	15	26	24
90	0	0	0	0	0
95	147	508	31	121	166
105	2093	1388	117	142	178
115	1538	1032	216	185	203
125	1387	927	299	238	248
135	1127	814	357	286	295
145	920	719	402	330	333
155	750	640	436	383	373
165	627	578	461	444	433
175	507	498	476	480	482
180	485	485	485	485	485

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

Coefficients of Utilization (%)

RCR	Ceiling												
	70	50	30	10	70	50	30	10	70	50	30	10	0
0	101	101	101	101	91	91	91	70	70	70	70	26	0
1	93	89	85	82	82	79	76	62	59	58	58	22	0
2	84	77	72	67	75	69	65	54	51	48	48	19	0
3	77	68	61	56	69	61	55	48	44	41	41	16	0
4	71	60	53	47	63	54	48	43	38	35	35	14	0
5	65	54	46	40	58	48	42	38	33	30	30	13	0
6	60	48	41	35	53	43	37	34	30	26	26	11	0
7	55	43	36	31	49	39	33	31	26	23	23	10	0
8	51	39	32	27	45	36	29	28	24	20	20	9	0
9	47	36	29	24	42	32	26	26	21	18	18	8	0
10	44	33	26	21	40	30	24	24	19	16	16	8	0

Avg. Luminance (cd/m2)

Vertical Angle	Horizontal Angle		
	0	90	180
55	7876	9735	7861
65	7039	7871	7637
75	5062	5601	6219
85	5567	5000	8100

Distribution

Hemisphere	74% Up / 26% Down
Peak/Zenith	4.37
Peak Output	2120 cd
Glare Control	Meets RP-1-12 recommendations for VDT-Critical spaces

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Optical Performance @ 120V

Nominal Spec:	830	835	840
Flux (lm)	4417	4413	4581
Efficacy (lm/W)	85.9	86.4	90.0
Power (W)	51.4	51.1	50.9
CCT (K)	2979	3384	3907
CRI	85	83	84
R9	17	12	16
x	0.4363	0.4120	0.3852
y	0.4001	0.3937	0.3809
Duv	0.0016	0.0002	0.0006

Electrical Performance @ CRI>80, 3500K

Input Voltage	120V	277V	347V
Input Power	51.1W	50.3W	49.5W
Input Current	0.43A	0.19A	0.15A
Power Factor	0.990	0.975	0.980
Total Harm. Distortion	6.0%	9.0%	8.5%

Tested values – contact technical support for rated values. Off-state power zero unless certain controls are specified.

