



Linear

Chopstick suspended

6500 lm/4ft
3000/3500/4000K



Project: _____
 Spec Type: _____
 Catalog No: 7505LxAQN04 _____
 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
<input type="text" value="7505"/>	<input type="text" value="L"/>	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="Q"/>	<input type="text" value="N"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Chopstick Susp Semi-Indirect	L LED	A 4000K B 3500K C 3000K	A 6500 lm/4ft C 4800 lm/4ft E 3400 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.

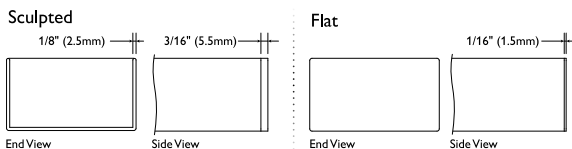
† Not all wiring types are available with all configurations. Consult Philips Ledalite for a complete list of available options.

Mounting Hardware

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

Suspension Length
 Distance from ceiling to top of luminaire in inches

Endcaps -



Integrated Controls Please indicate with check mark.

Response Daylight Single Zone (DS)

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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

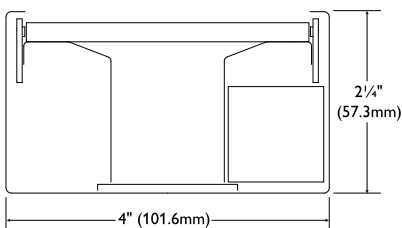
Philips indoor professional luminaires 5 year LED warranty: <http://www.philips.com/warranties>

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



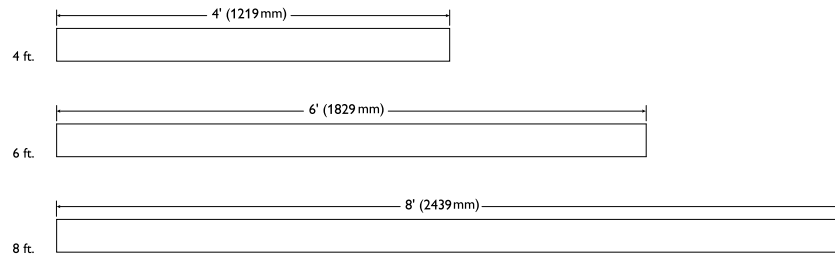
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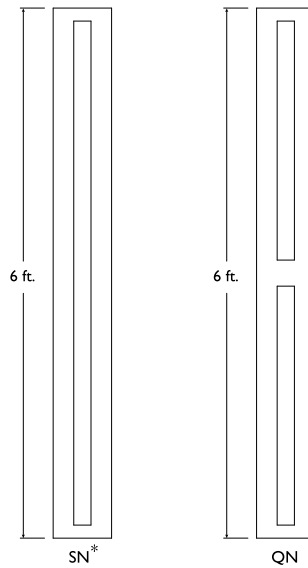
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Dimensions - Modules

Modules



Optics and Styles



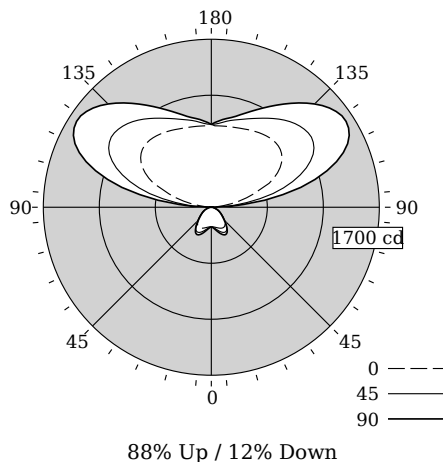
*SN optic is only available in 6ft modules

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Photometry @ CRI>80, 3500K



Candela Distribution

Vertical Angle	Horizontal Angle				Zonal Lumens
	0	22.5	45	67.5	
0	199	199	199	199	199
5	199	201	205	209	209
15	214	222	239	254	256
25	234	251	281	305	309
35	235	252	274	283	281
45	187	200	198	189	185
55	123	138	130	123	122
65	73	88	83	80	78
75	32	42	40	37	34
85	10	22	20	16	13
90	0	0	0	0	0
95	54	173	235	289	330
105	370	534	756	991	1086
115	698	843	1107	1404	1522
125	873	988	1237	1507	1614
135	922	1009	1197	1402	1478
145	903	973	1096	1226	1275
155	867	920	991	1062	1089
165	839	869	914	942	952
175	827	837	852	866	876
180	839	839	839	839	839

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	50	30	10	0
0	98	98	98	98	86	86	86	62	62	62	12
1	89	85	82	78	78	74	72	54	53	51	10
2	81	74	69	64	71	65	60	48	45	42	9
3	74	65	58	53	64	57	52	42	38	35	7
4	68	58	50	45	59	50	44	37	33	30	6
5	62	51	43	38	54	45	38	33	29	25	5
6	57	45	38	32	49	40	34	29	25	22	5
7	52	41	33	28	45	36	30	27	22	19	4
8	48	37	30	25	42	32	26	24	20	17	4
9	45	33	26	22	39	29	23	22	18	15	3
10	42	30	24	19	36	27	21	20	16	13	3

Avg. Luminance (cd/m2)

Vertical Angle	Horizontal Angle		
	0	45	90
55	6226	6576	6160
65	5009	5691	5395
75	3618	4494	3820
85	3370	6707	4238

Distribution

Hemisphere	88% Up / 12% Down
Peak/Zenith	1.93
Peak Output	1617 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)	6565	6450	6697
Efficacy (lm/W)	113.6	112.2	117.1
Power (W)	57.8	57.5	57.2
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	57.5W	57.2W	56.8W
Input Current	0.48A	0.21A	0.17A
Power Factor	0.990	0.963	0.968
Total Harm. Distortion	9.0%	10.2%	13.0%

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

