PHILIPS



BoldPlay Suspended

4600 lm/4ft w/ 55% Down Kit* 3000/3500/4000K

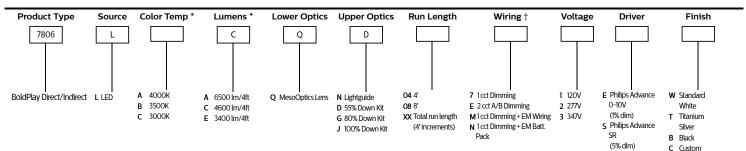


LED	

Project: Spec Type: Catalog No: 7806LxCQD Qty Line Notes:

Brilliant design and intuitive engineering fearlessly combine to deliver unprecedented performance. BoldPlay's striking contrast of effortless style and urban edginess makes a distinctive statement in any space. Available tunable white technology gives you the ability to vary color temperature and intensity, harmonizing lighting with your daily life.

Ordering guide



* Nominal values within a range. Down kits reduce output & efficacy. Consult photometry data for 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 Endcaps Integrated Controls Please indicate with check mark. Sculpted Gloss white flat Response Daylight Single Zone (DS) SpaceWise DT Occupancy & Daylight Sensor (SZ)



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Optical System

The optical system contains arrays of LEDs edge-lighting a low profile light-guide panel, using total internal reflection to homogenize the sources. The microstructured surface of the panel optimizes light extraction to create an efficacious direct/indirect distribution. Light is purified and controlled by MesoOptics film as it passes through a non-glare acrylic lens. Standard distribution is 75% up / 25% down for suspended and 65% up / 35% down for wall mount version.

Endcaps

Diecast aluminum endcaps.

Suspended: Available in sculpted (standard) or three flat (optional) versions: gloss black, gloss white & solid flat. Wall: Three flat versions available: gloss black, gloss white & solid flat.

Finish

Standard finish is a textured matte powder coat in white, black or titanium silver. White sensors only.

Housing

Precision formed 18 gauge cold-rolled steel.

Weight

Maximum: Suspended 3.75lb/ft & Wall 3.0lb/ft.

Electrical

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

Standard Driver

Philips Advance Xitanium 0-10V, 1-100%. Philips Advance Xitanium SR, 5-100% (for SpaceWise DT). Class 2 rated output. Consult Philips Ledalite for other available drivers.

Standard Battery Pack

Philips Bodine, 90 min, 10W, Class 2 rated output, 1000lm nominal (@ 100lm/W; Flux = W x lm/W).

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: L_{80} (12k) >72,000 hrs (**Reported** methodology).

Source Color

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

Controls

Suspended version available with the following integrated controls: Response daylight sensor (for single zone). SpaceWise DT occupancy & daylight sensor w/ advanced grouping & dwell time. SpaceWise DT commissioning via Android phone and Philips Field App. Compatible dimming wireless wall switches are available. For more information, please refer to www.philips.com/spacewise

Mounting

Suspended: Tamper-resistant aircraft cable gripper provides unlimited vertical adjustment. Aircraft cable, crimp and cable gripper are independently tested to meet stringent safety requirements. Wall: Fixture is mounted flush to wall using hidden wall brackets which attach to existing structure, variable within 2"-5" of end or joint.

Joints

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

Approvals

Certified to UL, CSA and IES standards. Certain suspended versions without down kits are DesignLights Consortium® qualified. Please see the DLC QPL list for exact catalog numbers (www.designlights.org/QPL).

Warranty

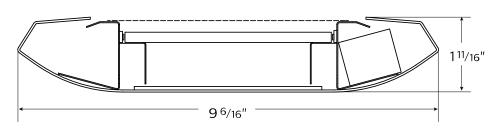
Philips indoor professional luminaires 5 year LED warranty: www.philips.com/warranties.

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 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

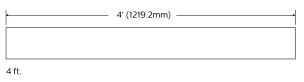


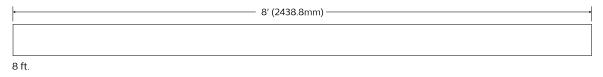
4600 lm/4ft w/ 55% Down Kit*

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Dimensions - Modules

Module length excludes end caps. Nominal mounting spacing for individually mounted modules.

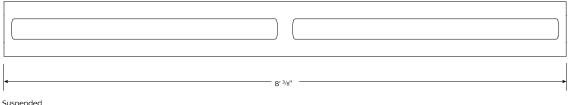




Note: Refer to installation instructions for exact mount.

Optics and Styles

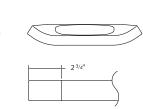
Lens view



Suspended (without endcaps)

End caps

13/16



Upper optics



G 80% Down Kit

J 100% Down Kit

Flat

Sculpted

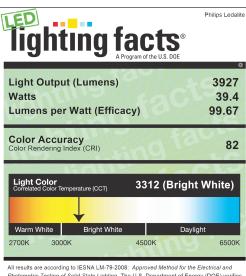
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Photometry - 3500K

Candela Distribution

	135 -90 1000 cd 45
	0 — — — 45 ——
0	90 ——

44% Up / 56% Down



Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: F46Z-VJ23AW (10/28/2016) Model Number: 7806LBCQD Type: Luminaire - Linear

Vertical	Horizontal Angle					Zonal
Angle	0	22.5	45	67.5	90	Lumens
0	683	683	683	683	683	
5	686	688	692	696	699	67
15	709	720	761	799	812	217
25	728	755	840	916	944	385
35	690	714	783	831	848	478
45	537	534	541	542	542	418
55	351	342	340	342	345	310
65	207	206	209	214	218	208
75	85	87	89	92	92	97
85	15	17	18	20	20	22
90	0	0	0	0	0	0
95	38	48	70	94	104	95
105	165	206	293	417	495	322
115	231	276	380	499	562	380
125	245	280	356	442	479	323
135	237	259	303	344	356	234
145	232	244	271	286	286	167
155	234	238	252	259	258	115
165	232	232	237	238	238	67
175	225	225	225	225	225	22
180	224	224	224	224	224	0

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 (%)

DCD	Ceiling:		8	0			70			50		0
RCR	Wall:	70	50	30	10	70	50	30	50	30	10	0
0		109	109	109	109	101	101	101	87	87	87	56
1		100	95	92	88	93	89	86	77	74	72	48
2		91	84	78	73	84	78	73	68	64	60	41
3		83	74	67	61	77	69	63	60	55	51	35
4		76	66	58	52	71	61	55	54	48	44	30
5		70	59	51	45	65	55	48	48	42	38	26
6		65	53	45	39	60	49	42	43	37	33	23
7		60	48	40	34	56	45	38	39	33	29	21
8		55	43	35	30	52	41	34	36	30	26	18
9		52	39	32	27	48	37	30	33	27	23	17
10		48	36	29	24	45	34	27	30	25	21	15

Avg. Luminance (cd/m2)

-		•	'
Vertical	Ho	orizontal Ang	gle
Angle	0	45	90
55	5935	5744	5840
65	4755	4788	5014
75	3169	3328	3433
85	1725	2039	2196

Distribution

Hemisphere	44% Up / 56% Down		
Glare Control	Meets RP-1-12 recommendations for VDT-Normal spaces		
Spacing Along (0 °)	1.5		
Spacing Across (90 °)	1.62		

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Optical Performance

Nominal CCT:	3000К	3500K	4000K
Flux (lm)	3760	3927	4039
Efficacy (lm/W)	95.2	99.7	103.0
Power (W)	39.5	39.4	39.2
CCT (K)	3045	3312	3931
CRI	84	82	83
R9	10	-1	5
x	0.4338	0.4167	0.3849
У	0.4031	0.3968	0.3837
Duv	0.0000	0.0000	0.0020

Electrical Performance - 3500K

Input Voltage	120V	277V	347V		
Input Power	39.4W	38.8W	38.9W		
Input Current	0.33A	0.14A	0.12A		
Power Factor	0.998	0.980	0.972		
Total Harm. Distortion	5.4%	8.8%	9.0%		
Tested values . contact technical support for rated values. Off-state power zero unless certain controls are specified.					

With SpaceWise DT, standby power <0.5W (120V) or <0.8W (277V).

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