

Linear

BoldPlay Suspended

6500 lm/4ft w/ 55% Down Kit*
3000/3500/4000K



Project: _____

Spec Type: _____

Catalog No: 7806LxAQD _____

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

Product Type	Source	Color Temp *	Lumens *	Lower Optics	Upper Optics	Run Length	Wiring †	Voltage	Driver	Finish
7806	L		A	Q	D					
BoldPlay Direct/Indirect	L LED	A 4000K B 3500K C 3000K	A 6500 lm/4ft C 4600 lm/4ft E 3400 lm/4ft	Q MesoOptics Lens	N Lightguide D 55% Down Kit G 80% Down Kit J 100% Down Kit	04 4' 08 8' XX Total run length (4' increments)	7 1 cct Dimming 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 0-10V (1% dim) S Philips Advance SR (5% dim)	W Standard White T Titanium Silver B Black C Custom

* Nominal values within a range. Down kits reduce output & efficacy. Consult photometry data for color temp, lumens & distribution of chosen configuration.

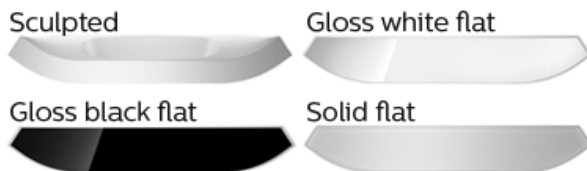
† Not all wiring types are available with all configurations. Consult Philips Ledalite for a complete list of available options.

Mounting Hardware

Mount Type
Consult separate mounting spec sheet for mount type options

Suspension Length
Distance from ceiling to top of luminaire in inches

Endcaps -



Integrated Controls Please indicate with check mark.

☐ Response Daylight Single Zone (DS)

☐ SpaceWise DT Occupancy & Daylight Sensor (SZ)

BoldPlay Suspended

6500 lm/4ft w/ 55% Down Kit*
3000/3500/4000K

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: L80 (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

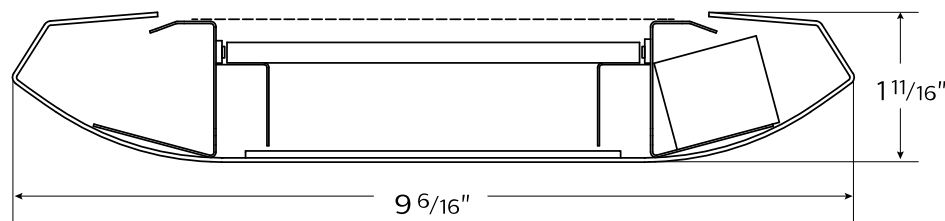
Philips indoor professional luminaires 5 year LED warranty: www.philips.com/warranties.

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

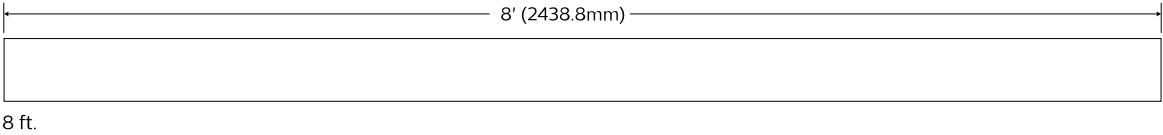
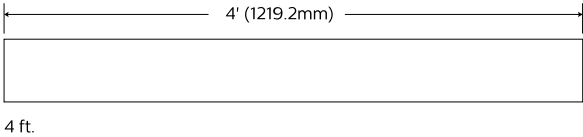


BoldPlay Suspended

6500 lm/4ft w/ 55% Down Kit*
3000/3500/4000K

Dimensions - Modules

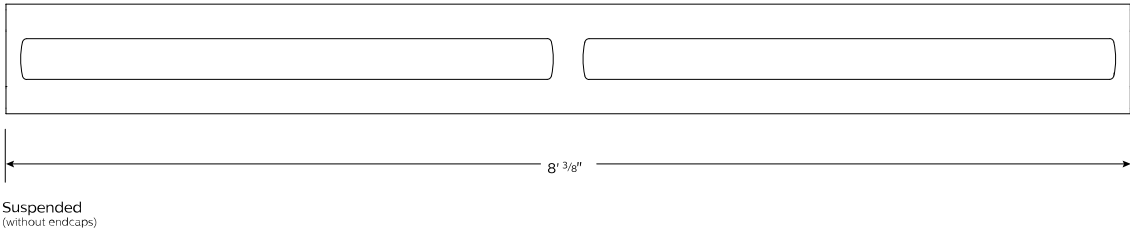
Module length excludes end caps. Nominal mounting spacing for individually mounted modules.



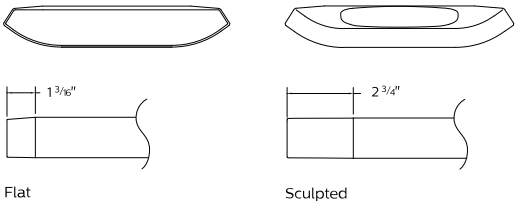
Note: Refer to installation instructions for exact mount.

Optics and Styles

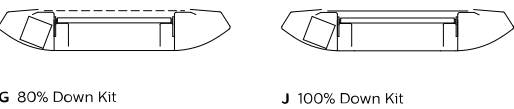
Lens view



End caps



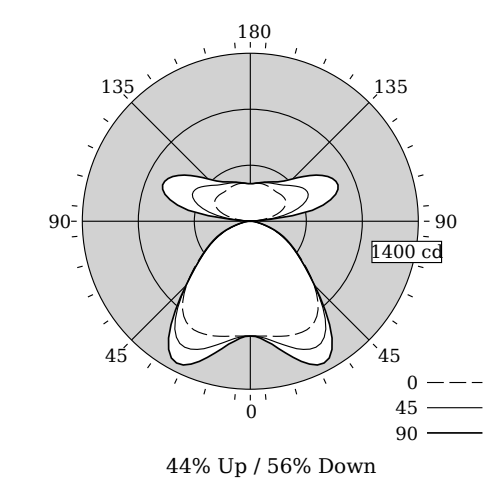
Upper optics



BoldPlay Suspended

6500 lm/4ft w/ 55% Down Kit*
3000/3500/4000K

Photometry - 3500K



Candela Distribution

Vertical Angle	0	Horizontal Angle	22.5	45	67.5	90	Zonal Lumens
0	957	957	957	957	957	957	0
5	961	963	969	975	979	984	94
15	992	1008	1065	1119	1136	1136	304
25	1020	1058	1176	1282	1322	1322	539
35	967	1000	1097	1164	1188	1188	670
45	752	748	758	760	760	760	585
55	491	479	475	479	483	483	434
65	290	288	292	300	306	306	291
75	118	122	124	128	128	128	136
85	22	24	26	28	28	28	31
90	0	0	0	0	0	0	0
95	53	67	99	132	146	146	133
105	231	288	410	584	693	693	450
115	324	387	533	698	787	787	532
125	343	393	499	620	671	671	452
135	331	363	424	481	499	499	328
145	326	341	379	401	401	401	234
155	328	333	353	363	361	361	162
165	326	326	331	333	333	333	94
175	316	316	316	316	316	316	30
180	314	314	314	314	314	314	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 (%)

RCR	Ceiling:		80		70		50		30		0	
	Wall:	70	50	30	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 Angle	0	Horizontal Angle	45	90
55	8311	8044	8177	
65	6659	6704	7021	
75	4438	4660	4808	
85	2416	2855	3075	

Distribution

Hemisphere	44% Up / 56% Down
Glare Control	None
Spacing Along (0 °)	1.5
Spacing Across (90 °)	1.62

LED

lighting facts®

A Program of the U.S. DOE

Philips Ledalite

Light Output (Lumens)

Watts

Lumens per Watt (Efficacy)

5499

56.7

96.98

Color Accuracy

Color Rendering Index (CRI)

82

Light Color

Correlated Color Temperature (CCT)

3312 (Bright White)

Warm White

Bright White

Daylight

2700K

3000K

4500K

6500K

All results 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.

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

Registration Number: F46Z-O7734E (10/28/2016)

Model Number: 7806LBAQD

Type: Luminaire - Linear

BoldPlay Suspended

6500 lm/4ft w/ 55% Down Kit*
3000/3500/4000K

Optical Performance

Nominal CCT:	3000K	3500K	4000K
Flux (lm)	5265	5499	5655
Efficacy (lm/W)	92.5	97.0	100.1
Power (W)	56.9	56.7	56.5
CCT (K)	3045	3312	3931
CRI	84	82	83
R9	10	-1	5
x	0.4338	0.4167	0.3849
y	0.4031	0.3968	0.3837
Duv	0.0000	0.0000	0.0020

Electrical Performance - 3500K

Input Voltage	120V	277V	347V
Input Power	56.7W	56.2W	56.9W
Input Current	0.47A	0.21A	0.17A
Power Factor	0.995	0.987	0.970
Total Harm. Distortion	9.4%	10.2%	11.0%
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).			

