PHILIPS



BoldPlay Suspended

6500 lm/4ft 75% Up 3000/3500/4000K

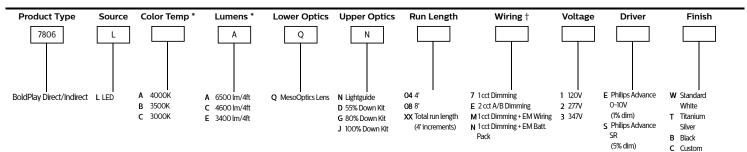


LED	

Project: Spec Type: Catalog No: 7806LxAQN 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 Suspension Length Consult separate mounting spec sheet for mount type options Distance from ceiling to top of luminaire in inches Endcaps Integrated Controls Please indicate with check mark. Sculpted Gloss white flat Response Daylight Single Zone (DS) Gloss black flat Solid flat 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

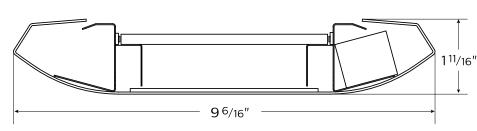
Philips indoor professional luminaires 5 year LED warranty: www.philips.com/warranties.

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.

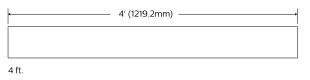
Dimensions - Cross Section

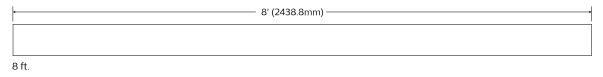


BoldPlay Suspended 6500 lm/4ft 75% Up 3000/3500/4000K

Dimensions - Modules

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

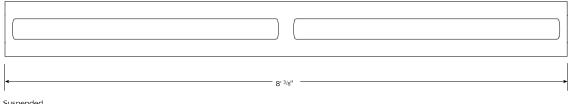




Note: Refer to installation instructions for exact mount.

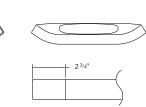
Optics and Styles

Lens view



Suspended (without endcaps)

End caps

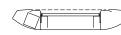


Flat

13/16

Sculpted







G 80% Down Kit

J 100% Down Kit

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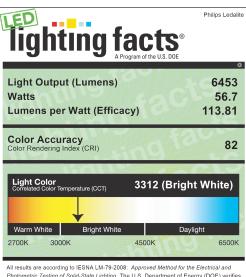
3000/3500/4000K

Photometry - 3500K

Candela Distribution

90	- 90 1700 cd	
45	45 0 45 90	

75% Up / 25% Down



All results are according to restrict 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-5XXIHC (10/27/2016) Model Number: 7806LBAQN Type: Luminaire - Linear

Vertical	Horizontal Angle					Zonal
Angle	0	22.5	45	67.5	90	Lumens
0	433	433	433	433	433	0
5	434	436	440	446	446	43
15	461	472	508	544	557	146
25	493	521	604	682	714	277
35	489	518	595	661	686	364
45	389	397	417	433	438	321
55	259	255	257	264	268	235
65	153	151	155	161	166	155
75	62	64	66	68	68	72
85	11	13	13	13	15	16
90	0	0	0	0	0	0
95	187	217	306	427	476	341
105	489	582	865	1256	1449	949
115	644	750	1050	1438	1628	1071
125	661	744	963	1218	1337	879
135	623	686	797	926	980	626
145	597	638	689	744	767	435
155	584	612	648	665	667	296
165	574	591	610	621	623	172
175	567	572	576	580	582	55
180	565	565	565	565	565	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 (%)

	Ceiling:		8	0			70			50		0
RCR	Wall:	70	50	30	10	70	50	30	50	30	10	0
)		101	101	101	101	90	90	90	70	70	70	25
1		92	88	85	81	82	79	76	61	59	57	22
2		84	77	71	67	75	69	64	54	50	48	18
3		77	68	61	56	68	61	55	47	43	40	16
1		70	60	53	47	62	54	47	42	38	34	13
5		64	53	46	40	57	48	41	37	33	29	12
5		59	48	40	34	52	43	36	34	29	25	10
7		54	43	35	30	48	38	32	30	26	22	9
3		50	39	31	26	45	35	28	27	23	19	8
9		47	35	28	23	42	32	25	25	20	17	7
10		44	32	25	20	39	29	23	23	18	15	6

Avg. Luminance (cd/m2)

-		•	
Vertical	He	orizontal Ang	gle
Angle	0	45	90
55	4378	4346	4538
65	3513	3556	3817
75	2337	2479	2549
85	1262	1472	1682

Distribution

Hemisphere	75% Up / 25% Down
Peak/Zenith	2.91
Peak Output	1642 cd
Glare Control	Meets RP-1-12 recommendations for VDT-Critical spaces

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Optical Performance

Nominal CCT:	3000K	3500К	4000K
Flux (lm)	6180	6453	6636
Efficacy (lm/W)	108.6	113.8	117.5
Power (W)	56.9	56.7	56.5
ССТ (К)	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	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).

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