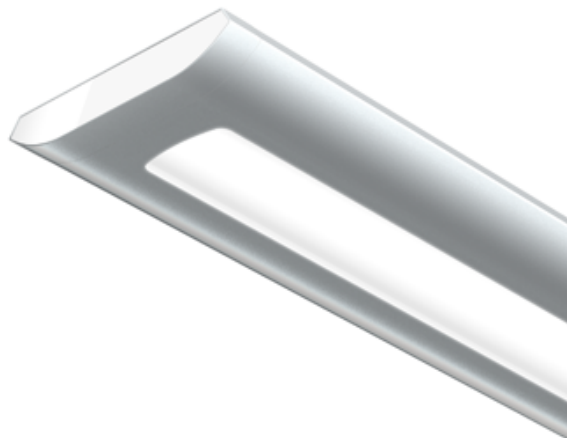


Fearless

innovation in architectural LED lighting

BOLDPLAY
SUSPENDED LED PoE



DIRECT/INDIRECT, MESOOPTICS LENS
CRI >80 3000K, 2600 lm/4ft

Project:

Spec Type:

Catalog No: 7806PCGQN

Qty

Line Notes:

Ordering guide

Product Type	Source	Color Temp *	Lumens *	Lower Optics	Upper Optics	Run Length	Wiring	Voltage	Driver	Finish
<input type="text" value="7806"/>	<input type="text" value="P"/>	<input type="text" value="C"/>	<input type="text" value="G"/>	<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"/>
BoldPlay Direct/ Indirect	P LED PoE	A 4000K B 3500K C 3000K	G 2600 lm/4ft	Q MesoOptics Lens	N None	04 4' 08 8' XX Total run length (4' increments)	7 1 cct w/ Dimming	N Not applicable (Class 2)	E Standard	W Standard White



* Nominal values within a range. Consult ies file for exact color temp, lumens and up/down distribution

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.

☐ Philips Actilume Daylight and Occupancy Sensor (DO)

Sculpted



Gloss white flat



Gloss black flat



Solid flat



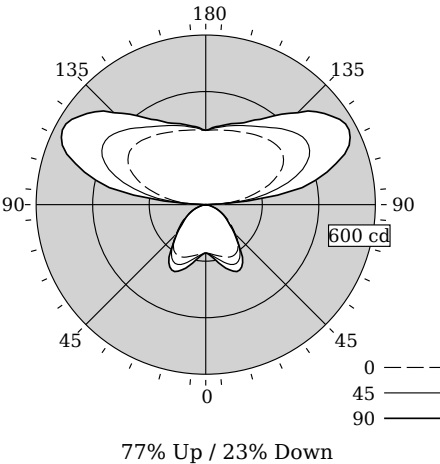
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DIRECT/INDIRECT, MESOOPTICS LENS

Photometry



Total Output	2589 lm
Efficacy	116.6 lm/W
CCT	2982K
CRI	82
R9	18
Distribution	77% Up / 23% Down
Peak/Zenith Ratio	2.17
Peak Output	572 cd @ 118°
Meets RP-1-04 recommendations for VDT-Intensive spaces	

Values per 4ft unit

Fixture photometry has been conducted in accordance with IESNA LM-79-08

Lumen maintenance of the LEDs has been tested by the manufacturer in accordance with IESNA LM-80-08

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	171	171	171	171	171	0
5	174	174	177	177	180	17
15	188	191	204	215	223	58
25	204	212	233	253	261	107
35	197	204	212	228	227	132
45	148	152	145	148	144	114
55	99	99	91	94	91	85
65	56	57	54	56	54	55
75	23	23	20	23	20	24
85	4	4	3	3	2	4
90	0	0	0	0	0	0
95	89	73	118	118	149	117
105	207	217	301	388	444	321
115	296	313	404	507	564	406
125	329	349	418	510	545	382
135	321	342	380	442	460	301
145	302	320	336	366	375	215
155	284	299	309	317	320	143
165	272	282	288	294	294	81
175	265	268	270	273	274	26
180	263	263	263	263	263	0

Coefficients of Utilization (%)

RCR	Ceiling Wall:	80					70					50					0				
		70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10
0		101	101	101	101	89	89	89	89	68	68	68	68	23	23	23	23	23	23	23	23
1		92	88	84	81	82	78	75	72	60	58	56	54	20	20	20	20	20	20	20	20
2		84	77	71	66	74	69	64	60	53	50	47	44	17	17	17	17	17	17	17	17
3		77	68	61	55	68	60	55	50	47	43	39	35	15	15	15	15	15	15	15	15
4		70	60	52	47	62	53	47	41	37	34	31	28	13	13	13	13	13	13	13	13
5		64	53	45	40	57	48	41	37	32	29	26	23	11	11	11	11	11	11	11	11
6		59	47	40	34	52	43	36	33	28	25	22	20	10	10	10	10	10	10	10	10
7		54	43	35	30	48	38	32	30	25	22	20	18	9	9	9	9	9	9	9	9
8		50	39	31	26	45	35	28	27	23	19	18	16	8	8	8	8	8	8	8	8
9		47	35	28	23	41	31	25	25	20	17	16	14	7	7	7	7	7	7	7	7
10		43	32	25	20	39	29	23	23	18	15	14	12	6	6	6	6	6	6	6	6

Avg. Luminance (cd/m2)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2285	2098	2100
65	1747	1688	1678
75	1171	1040	1000
85	608	439	371

Electrical Specifications

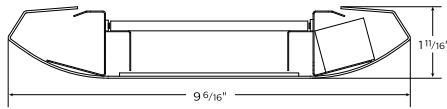
Input Voltage	PoE (51-54VDC)
Input Power	22.2W
Tested values – contact technical support for rated values. Standby power <0.9W	

BOLDPLAY

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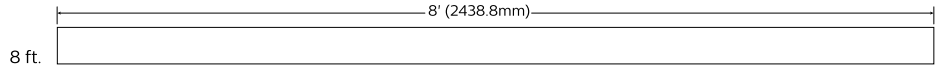
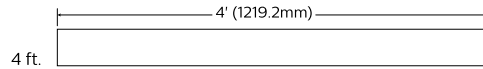
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Options and Details



Modules

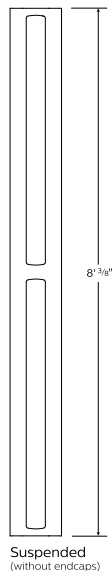
Module length excludes end caps. Nominal mounting spacing for individually mounted modules.



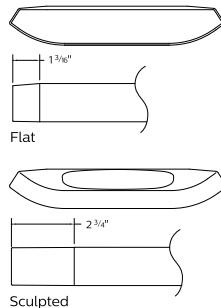
Note: Refer to installation instructions for exact mount.

Optics & Styles

Lens view



End caps



Housing

Precision formed 18 gauge cold-rolled steel.

Weight

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

Optical System

The optical system is comprised of arrays of LEDs, edge-lighting a low profile Light Guide panel. The Light Guide panel allows light to be coupled and transmitted through total internal reflection. The microstructured surface of the panel optimizes the light extraction to create a direct/indirect distribution. Light is purified and controlled by MesoOptics film as it passes through the nonglare acrylic lens. Standard distribution is 70% up/30% down for suspended mount version.

Driver

Philips PoE Lighting Controller.

Lumen Maintenance

At an ambient temperature of 25°C, the LED lumen maintenance expectation is L_{80} (12k) 60,000 hrs.

Mounting

Tamper-resistant aircraft cable gripper provides infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper are independently tested to meet stringent safety requirements.

Joints

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

Endcaps

Diecast aluminum endcaps; available in sculpted (standard) or flat (optional). Three flat versions: gloss black, gloss white & solid flat are available.

Electrical

Integrated CAT5e cable allows for upto 24" drop between Luminaire and Canopy. Mounting canopy provides RJ45 connection point for PoE network.

Approvals

Certified to UL, CSA and IES standards.

Finish

Standard finish is textured matte White.

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.

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



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