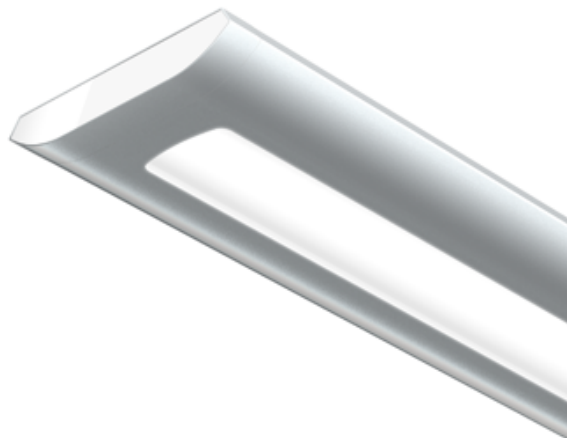


Fearless

# innovation in architectural LED lighting

**BOLDPLAY**  
SUSPENDED LED PoE



DIRECT/INDIRECT, MESOOPTICS LENS  
CRI >80 4000K, 2600 lm/4ft

**Project:**

**Spec Type:**

**Catalog No:** 7806PAGQN

**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="A"/>	<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



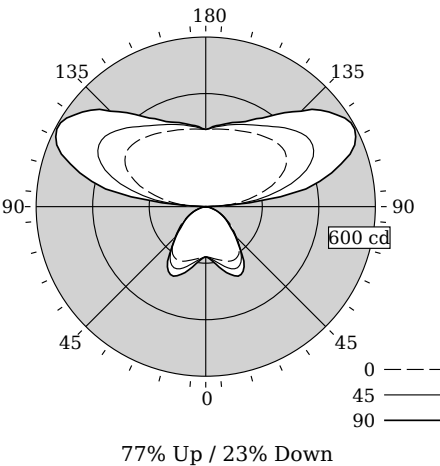
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DIRECT/INDIRECT, MESOOPTICS LENS

Photometry



Total Output	2689 lm
Efficacy	120.6 lm/W
CCT	3860K
CRI	84
R9	24
Distribution	77% Up / 23% Down
Peak/Zenith Ratio	2.17
Peak Output	594 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	178	178	178	178	178	0
5	181	181	184	184	187	18
15	195	199	212	223	231	61
25	212	220	242	262	271	111
35	204	212	220	237	235	137
45	154	158	150	153	149	119
55	103	103	94	97	95	88
65	58	59	56	58	56	57
75	24	24	21	24	20	25
85	4	4	3	4	3	5
90	0	0	0	0	0	0
95	93	76	122	122	155	122
105	215	225	313	403	461	333
115	308	325	420	526	585	421
125	341	362	434	530	566	397
135	334	355	395	459	478	313
145	314	332	349	380	390	223
155	295	310	321	330	332	148
165	283	293	299	305	305	85
175	275	278	280	284	284	27
180	273	273	273	273	273	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
0		101	101	101	101	89	89	89	89	68	68	68	68	23	23	23	23
1		92	88	84	81	82	78	75	60	58	56	56	20	20	20	20	20
2		84	77	71	66	74	69	64	53	50	47	47	17	17	17	17	17
3		77	68	61	55	68	60	55	47	43	39	39	15	15	15	15	15
4		70	60	52	47	62	53	47	41	37	32	34	13	13	13	13	13
5		64	53	45	40	57	48	41	37	32	29	31	11	11	11	11	11
6		59	47	40	34	52	43	36	33	28	25	25	10	10	10	10	10
7		54	43	35	30	48	38	32	30	25	22	9	9	9	9	9	9
8		50	39	31	26	45	35	28	27	23	19	18	8	8	8	8	8
9		47	35	28	23	41	31	25	25	20	17	17	7	7	7	7	7
10		43	32	25	20	39	29	23	23	18	15	15	6	6	6	6	6

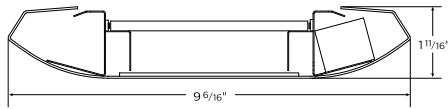
Avg. Luminance (cd/m2)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2373	2179	2182
65	1815	1753	1743
75	1216	1080	1039
85	631	456	386

Electrical Specifications

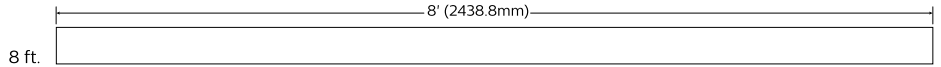
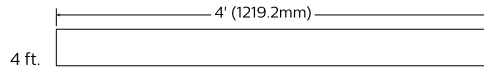
Input Voltage	PoE (51-54VDC)
Input Power	22.3W
Tested values – contact technical support for rated values. Standby power <0.9W	

#### Options and Details



#### Modules

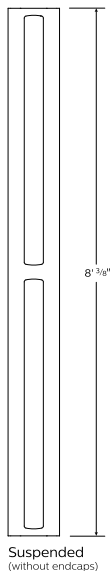
Module length excludes end caps. Nominal mounting spacing for individually mounted modules.



Note: Refer to installation instructions for exact mount.

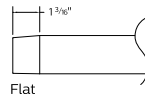
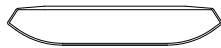
#### Optics & Styles

##### Lens view

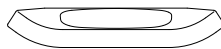


Suspended  
(without endcaps)

##### End caps



Flat



Sculpted

#### 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<sub>80</sub> (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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