



Linear

BoldPlay suspended

4600 lm/4ft w/ 80% Down Kit*
3000/3500/4000K



Project: _____
 Spec Type: _____
 Catalog No: 7806LxCQG
 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 |
|-----------------------------------|--------------------------------|-------------------------------|---|--------------------------------|---|--|---|----------------------------|---|--|
| <input type="text" value="7806"/> | <input type="text" value="L"/> | <input type="text"/> | <input type="text" value="C"/> | <input type="text" value="Q"/> | <input type="text" value="G"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 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 (Alt. 4ft) 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 Sensor Ready (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 CRI, 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:
Ledalite Suspended Mounting 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)



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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 finished with a textured matte powder coat to match the luminaire.

Suspended: Available in sculpted (standard) & solid flat.

Wall: Available with solid flat only.

Finish

Standard finish is a textured matte powder coat in white, black or titanium silver. Custom colors available upon request. 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 Drivers

Philips Advance Xitanium 0-10V, 1-100%.

Philips Advance Xitanium Sensor Ready, 5-100%.

Class 2 rated output. Consult Philips Ledalite for other available drivers.

Standard Battery Pack

Philips Bodine, 90 min, 10W, Class 2 rated output, Emergency lumen output = 10W x luminaire efficacy x 1.1. Typical output: 1100lm.

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

Certain configurations available with:
Response Daylight Sensors
SpaceWise DT Occupancy & Daylight Sensors w/
advanced grouping & Dwell Time.

*SpaceWise DT commissioning is via a compatible Android phone and Philips Field App. Compatible wireless dimming wall switches are available for dimming. 347V is not available as a standard option. For more information, please refer to www.philips.com/spacewisel

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

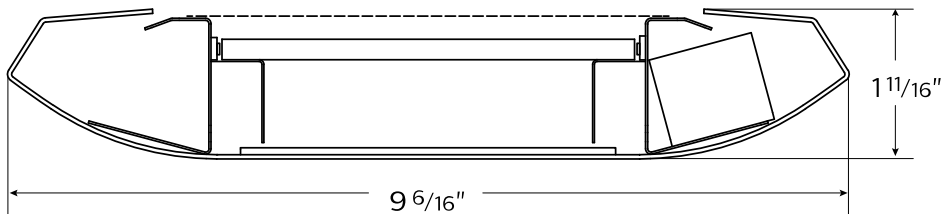
Philips indoor professional luminaires 5 year LED warranty: www.philips.com/warranties.

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



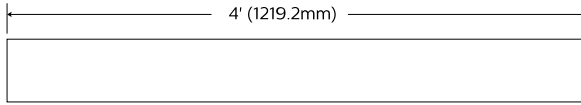
BoldPlay suspended

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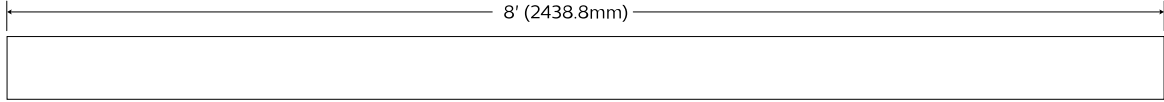
3000/3500/4000K

Dimensions - Modules

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



4 ft.

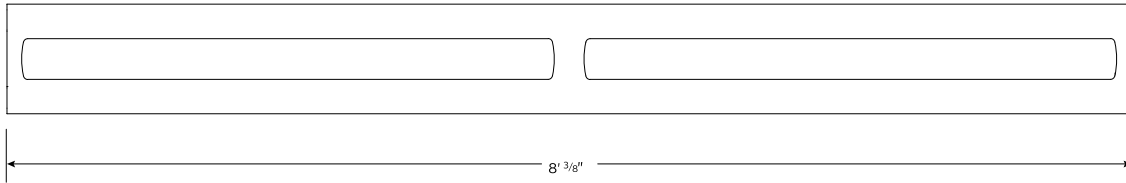


8 ft.

Note: Refer to installation instructions for exact mount.

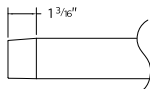
Optics and Styles

Lens view

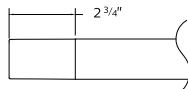


Suspended
(without endcaps)

End caps



Flat



Sculpted

Upper optics



G 80% Down Kit



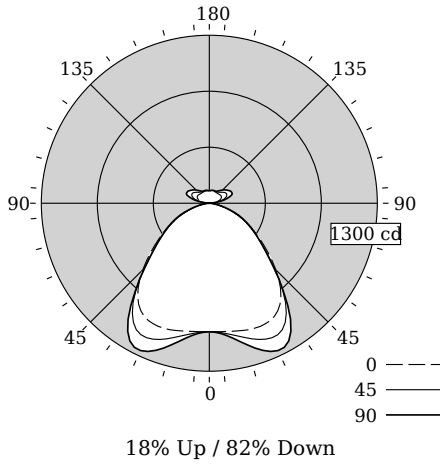
J 100% Down Kit

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Photometry @ CRI>80, 3500K



Candela Distribution

| Vertical Angle | Horizontal Angle | | | | Zonal Lumens |
|----------------|------------------|------|------|------|--------------|
| | 0 | 22.5 | 45 | 67.5 | |
| 0 | 995 | 995 | 995 | 995 | 995 |
| 5 | 998 | 999 | 1005 | 1010 | 1012 |
| 15 | 1019 | 1030 | 1076 | 1120 | 1134 |
| 25 | 1029 | 1054 | 1148 | 1229 | 1258 |
| 35 | 954 | 972 | 1038 | 1082 | 1096 |
| 45 | 728 | 719 | 712 | 707 | 706 |
| 55 | 473 | 462 | 452 | 452 | 455 |
| 65 | 280 | 276 | 278 | 285 | 289 |
| 75 | 114 | 116 | 117 | 120 | 123 |
| 85 | 20 | 23 | 24 | 25 | 25 |
| 90 | 0 | 0 | 0 | 0 | 0 |
| 95 | 14 | 15 | 18 | 20 | 20 |
| 105 | 76 | 87 | 114 | 132 | 141 |
| 115 | 103 | 117 | 149 | 186 | 193 |
| 125 | 107 | 117 | 145 | 173 | 175 |
| 135 | 101 | 107 | 120 | 142 | 145 |
| 145 | 99 | 101 | 107 | 114 | 116 |
| 155 | 99 | 101 | 104 | 104 | 104 |
| 165 | 99 | 100 | 101 | 103 | 103 |
| 175 | 97 | 97 | 97 | 99 | 99 |
| 180 | 97 | 97 | 97 | 97 | 97 |

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 | | | | | | | | | | 0 |
|-----|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 70 | 50 | |
| 0 | 115 | 115 | 115 | 115 | 110 | 110 | 110 | 101 | 101 | 101 | 82 |
| 1 | 106 | 101 | 98 | 94 | 101 | 97 | 94 | 90 | 87 | 85 | 70 |
| 2 | 97 | 89 | 83 | 78 | 93 | 86 | 80 | 80 | 75 | 71 | 60 |
| 3 | 89 | 79 | 72 | 66 | 85 | 76 | 69 | 71 | 65 | 61 | 51 |
| 4 | 81 | 70 | 62 | 56 | 78 | 68 | 61 | 63 | 57 | 52 | 44 |
| 5 | 75 | 63 | 55 | 49 | 72 | 61 | 53 | 57 | 50 | 45 | 39 |
| 6 | 69 | 57 | 49 | 43 | 66 | 55 | 47 | 51 | 45 | 40 | 34 |
| 7 | 64 | 52 | 43 | 38 | 62 | 50 | 42 | 47 | 40 | 35 | 30 |
| 8 | 60 | 47 | 39 | 34 | 57 | 46 | 38 | 43 | 36 | 32 | 27 |
| 9 | 56 | 43 | 35 | 30 | 54 | 42 | 35 | 39 | 33 | 29 | 24 |
| 10 | 52 | 40 | 32 | 27 | 50 | 39 | 32 | 36 | 30 | 26 | 22 |

Avg. Luminance (cd/m2)

| Vertical Angle | Horizontal Angle | | |
|----------------|------------------|------|------|
| | 0 | 45 | 90 |
| 55 | 8009 | 7651 | 7699 |
| 65 | 6438 | 6373 | 6632 |
| 75 | 4279 | 4384 | 4596 |
| 85 | 2196 | 2667 | 2824 |

Distribution

| | |
|----------------------|---|
| Hemisphere | 18% Up / 82% Down |
| Glare Control | Meets RP-1-12 recommendations for VDT-Normal spaces |
| Spacing Along (0°) | 1.45 |
| Spacing Across (90°) | 1.54 |

Philips Ledalite

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens) 3633

Watts 39.4

Lumens per Watt (Efficacy) 92.21

Color Accuracy 82

Color Rendering Index (CRI)

Light Color 3312 (Bright White)

Correlated Color Temperature (CCT)

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-1CBLRU (10/28/2016)
Model Number: 7806LBCQG
Type: Luminaire - Linear

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Optical Performance @ 120V

| Nominal Spec: | 3000K | 3500K | 4000K |
|-----------------|--------|--------|--------|
| Flux (lm) | 3478 | 3633 | 3736 |
| Efficacy (lm/W) | 88.1 | 92.2 | 95.3 |
| 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 |
| y | 0.4031 | 0.3968 | 0.3837 |
| Duv | 0.0000 | 0.0000 | 0.0020 |

Electrical Performance @ CRI>80, 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).

