PHILIPS



BoldPlay Suspended

4600 lm/4ft w/ 55% Down Kit* 3000/3500/4000K

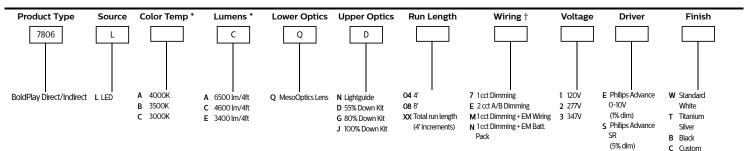


| LED | |
|-----|--|

Project: Spec Type: Catalog No: 7806LxCQD 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 Mount Type Consult separate mounting spec sheet for mount type options Endcaps Integrated Controls Please indicate with check mark. Sculpted Gloss white flat 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.

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

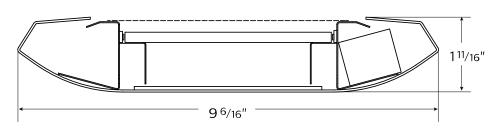
Philips indoor professional luminaires 5 year LED warranty: www.philips.com/warranties.

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

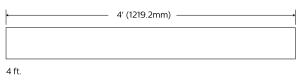


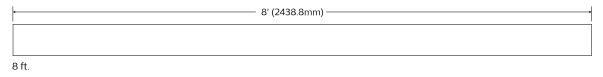
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Dimensions - Modules

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

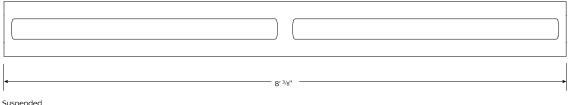




Note: Refer to installation instructions for exact mount.

Optics and Styles

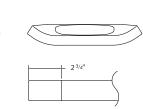
Lens view



Suspended (without endcaps)

End caps

13/16



Upper optics



G 80% Down Kit

J 100% Down Kit

Flat

Sculpted

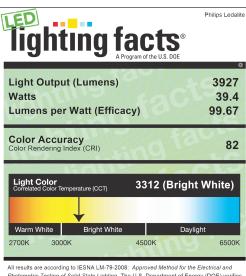
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Photometry - 3500K

Candela Distribution

| | 135 -90 1000 cd 45 |
|---|-----------------------------|
| | 0 — — — 45 —— |
| 0 | 90 —— |

44% Up / 56% Down



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-VJ23AW (10/28/2016) Model Number: 7806LBCQD Type: Luminaire - Linear

| Vertical | Horizontal Angle | | | | | Zonal |
|----------|------------------|------|-----|------|-----|--------|
| Angle | 0 | 22.5 | 45 | 67.5 | 90 | Lumens |
| 0 | 683 | 683 | 683 | 683 | 683 | |
| 5 | 686 | 688 | 692 | 696 | 699 | 67 |
| 15 | 709 | 720 | 761 | 799 | 812 | 217 |
| 25 | 728 | 755 | 840 | 916 | 944 | 385 |
| 35 | 690 | 714 | 783 | 831 | 848 | 478 |
| 45 | 537 | 534 | 541 | 542 | 542 | 418 |
| 55 | 351 | 342 | 340 | 342 | 345 | 310 |
| 65 | 207 | 206 | 209 | 214 | 218 | 208 |
| 75 | 85 | 87 | 89 | 92 | 92 | 97 |
| 85 | 15 | 17 | 18 | 20 | 20 | 22 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 |
| 95 | 38 | 48 | 70 | 94 | 104 | 95 |
| 105 | 165 | 206 | 293 | 417 | 495 | 322 |
| 115 | 231 | 276 | 380 | 499 | 562 | 380 |
| 125 | 245 | 280 | 356 | 442 | 479 | 323 |
| 135 | 237 | 259 | 303 | 344 | 356 | 234 |
| 145 | 232 | 244 | 271 | 286 | 286 | 167 |
| 155 | 234 | 238 | 252 | 259 | 258 | 115 |
| 165 | 232 | 232 | 237 | 238 | 238 | 67 |
| 175 | 225 | 225 | 225 | 225 | 225 | 22 |
| 180 | 224 | 224 | 224 | 224 | 224 | 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 (%)

| DCD | Ceiling: | | 8 | 0 | | | 70 | | | 50 | | 0 |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|
| RCR | Wall: | 70 | 50 | 30 | 10 | 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 | Ho | orizontal Ang | gle |
| Angle | 0 | 45 | 90 |
| 55 | 5935 | 5744 | 5840 |
| 65 | 4755 | 4788 | 5014 |
| 75 | 3169 | 3328 | 3433 |
| 85 | 1725 | 2039 | 2196 |
| | | | |

Distribution

| Hemisphere | 44% Up / 56% Down | | |
|-----------------------|---|--|--|
| Glare Control | Meets RP-1-12 recommendations for VDT-Normal spaces | | |
| Spacing Along (0 °) | 1.5 | | |
| Spacing Across (90 °) | 1.62 | | |

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Optical Performance

| Nominal CCT: | 3000К | 3500K | 4000K |
|-----------------|--------|--------|--------|
| Flux (lm) | 3760 | 3927 | 4039 |
| Efficacy (lm/W) | 95.2 | 99.7 | 103.0 |
| 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 |
| У | 0.4031 | 0.3968 | 0.3837 |
| Duv | 0.0000 | 0.0000 | 0.0020 |

Electrical Performance - 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).

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