Elegant from any angle, Verge delivers exceptional direct/indirect lighting performance in a sleek, geometric design. Offering luminous aesthetics with excellent glare control, Verge is the ideal choice for a wide range of energy-conscious applications.

Ordering guide

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Source</th>
<th>Color Temp *</th>
<th>Lumens *</th>
<th>Lower Optics</th>
<th>Upper Optics</th>
<th>Run Length</th>
<th>Wiring †</th>
<th>Voltage</th>
<th>Driver</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>7606</td>
<td>L LED</td>
<td>A 4000K B 3500K C 3000K</td>
<td>A 6500 lm/4ft B 4600 lm/4ft C 3400 lm/4ft</td>
<td>Q MesoOptics Lens</td>
<td>J Lightguide D 55% Down Kit G 80% Down Kit J 100% Down Kit</td>
<td>04 08 12 16 20 24 28 32 36</td>
<td>7 1 cct Dimming E 2 cct A/B Dimming M 1 cct Dimming + EM Wiring N 1 cct Dimming + EM Batt Pack</td>
<td>1 120V 2 277V 3 347V</td>
<td>E Philips Advance 0-10V (1% dim)</td>
<td>W Standard White T Titanium Silver B Black C Custom</td>
</tr>
</tbody>
</table>

* 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.
**Verge Suspended**

4600 lm/4ft w/ 100% Down Kit*
3000/3500/4000K

**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, sculpted to match angled profile.

**Finish**
Standard finish is a textured matte powder coat in white, black or titanium silver.

**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%. 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**
Suspended version available with the following integrated controls:
Response daylight sensor (for single zone).

**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.

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Dimensions - Cross Section

![Dimensions - Cross Section](image_url)

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Due to continuing product improvements, Philips Ledalite reserves the right to change the specifications without notice.
Verge Suspended
4600 lm/4ft w/ 100% Down Kit*
3000/3500/4000K

Dimensions - Modules

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 modules)

Upper optics

G 80% Down Kit
J 100% Down Kit
Verge Suspended
4600 lm/4ft w/ 100% Down Kit*
3000/3500/4000K

Photometry - 3500K

Verge Suspended
4600 lm/4ft w/ 100% Down Kit*
3000/3500/4000K

Candela Distribution

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 (%)

Avg. Luminance (cd/m²)

Distribution

Hemisphere
0% Up / 100% Down

Glare Control
None

Spacing Along (0°)
1.44

Spacing Across (90°)
1.5


Registration Number: F482-EPS3058 (10/31/2016)
Model Number: 7606LCQJ
Type: Luminaire - Linear

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Verge Suspended
4600 lm/4ft w/ 100% Down Kit*
3000/3500/4000K

Optical Performance

<table>
<thead>
<tr>
<th></th>
<th>3000K</th>
<th>3500K</th>
<th>4000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal CCT:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flux (lm)</td>
<td>3315</td>
<td>3462</td>
<td>3560</td>
</tr>
<tr>
<td>Efficacy (lm/W)</td>
<td>83.9</td>
<td>87.9</td>
<td>90.8</td>
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<tr>
<td>Power (W)</td>
<td>39.5</td>
<td>39.4</td>
<td>39.2</td>
</tr>
<tr>
<td>CCT (K)</td>
<td>3045</td>
<td>3312</td>
<td>3931</td>
</tr>
<tr>
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<td>84</td>
<td>82</td>
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</table>

Electrical Performance - 3500K

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>120V</th>
<th>277V</th>
<th>347V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Power</td>
<td>39.4W</td>
<td>38.8W</td>
<td>38.9W</td>
</tr>
<tr>
<td>Input Current</td>
<td>0.33A</td>
<td>0.14A</td>
<td>0.12A</td>
</tr>
<tr>
<td>Power Factor</td>
<td>0.998</td>
<td>0.980</td>
<td>0.972</td>
</tr>
<tr>
<td>Total Harm. Distortion</td>
<td>5.4%</td>
<td>8.8%</td>
<td>9.0%</td>
</tr>
</tbody>
</table>

Tested values. Contact technical support for rated values. Off-state power zero unless certain controls are specified.