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</td>
<td></td>
<td>E</td>
<td>Q</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Verge Direct/Indirect</td>
<td>L LED</td>
<td>A 4000K</td>
<td>B 3500K</td>
<td>C 3000K</td>
<td>N MesoOptics Lens</td>
<td>O4 4</td>
<td>T1 1 cct Dimming</td>
<td>E 120V</td>
<td>E Philips Advance</td>
<td>W Standard White</td>
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<tr>
<td></td>
<td></td>
<td>A 6500 lm/4ft</td>
<td>C 4600 lm/4ft</td>
<td>E 3400 lm/4ft</td>
<td>N Lightguide</td>
<td>O8 8</td>
<td>O2 2 cct A/B Dimming</td>
<td>T2 277V</td>
<td>W Titanium</td>
<td>T Titanium</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Q Q MesoOptics Lens</td>
<td>G 80% Down Kit</td>
<td>XX Total run length (4 increments)</td>
<td>M 1 cct Dimming + EM Wiring</td>
<td>3 347V</td>
<td>B Black</td>
<td>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**
3400 lm/4ft w/ 55% 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: L20 (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/warranty.

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

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**Dimensions - Cross Section**

[Cross Section Diagram]
Verge Suspended
3400 lm/4ft w/ 55% Down Kit*
3000/3500/4000K

Dimensions - Modules

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

- 4' (1219.2mm)
- 8' (2438.8mm)

Note: Refer to installation instructions for exact mount.

Optics and Styles

Lens view

Suspended (without end caps)

8' 3/8"

Upper optics
G 0% Down Kit
J 100% Down Kit
Verge Suspended
3400 lm/4ft w/ 55% Down Kit*
3000/3500/4000K

Photometry - 3500K

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 | 44% Up / 56% Down

Glar Control | Meets RP-1-12 recommendations for VDT-Critical spaces

Spacing Along (°) | 1.5

Spacing Across (90 °) | 1.62
Verge Suspended
3400 lm/4ft w/ 55% Down Kit*
3000/3500/4000K

Optical Performance

<table>
<thead>
<tr>
<th>Nominal CCT</th>
<th>3000K</th>
<th>3500K</th>
<th>4000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flux (lm)</td>
<td>2787</td>
<td>2910</td>
<td>2993</td>
</tr>
<tr>
<td>Efficacy (lm/W)</td>
<td>97.8</td>
<td>102.5</td>
<td>105.8</td>
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<tr>
<td>Power (W)</td>
<td>28.5</td>
<td>28.4</td>
<td>28.3</td>
</tr>
<tr>
<td>CCT (K)</td>
<td>3045</td>
<td>3312</td>
<td>3931</td>
</tr>
<tr>
<td>CRI</td>
<td>84</td>
<td>82</td>
<td>83</td>
</tr>
<tr>
<td>R9</td>
<td>10</td>
<td>-1</td>
<td>5</td>
</tr>
<tr>
<td>x</td>
<td>0.4338</td>
<td>0.4167</td>
<td>0.3849</td>
</tr>
<tr>
<td>y</td>
<td>0.4031</td>
<td>0.3968</td>
<td>0.3837</td>
</tr>
<tr>
<td>Duv</td>
<td>0.0000</td>
<td>0.0000</td>
<td>0.0020</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>
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</thead>
<tbody>
<tr>
<td>Input Power</td>
<td>28.4W</td>
<td>28.4W</td>
<td>28.5W</td>
</tr>
<tr>
<td>Input Current</td>
<td>0.24A</td>
<td>0.11A</td>
<td>0.09A</td>
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<tr>
<td>Power Factor</td>
<td>0.994</td>
<td>0.962</td>
<td>0.953</td>
</tr>
<tr>
<td>Total Harm. Distortion</td>
<td>8.0%</td>
<td>11.6%</td>
<td>11.0%</td>
</tr>
</tbody>
</table>

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