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</td>
<td>E 6500 lm/4ft</td>
<td>Q MesoOptics Lens</td>
<td>N Lightguide</td>
<td>04 4</td>
<td>120V</td>
<td>Philips Advance 0-10V (0% dim)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>B 3500K</td>
<td>C 4500 lm/4ft</td>
<td></td>
<td>D 50% Down Kit</td>
<td>08 2</td>
<td>277V</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C 3000K</td>
<td>E 3400 lm/4ft</td>
<td></td>
<td>G 80% Down Kit</td>
<td>XX</td>
<td>3</td>
<td>347V</td>
<td></td>
<td></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.

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

Response Daylight Single Zone (DS)
Verge Suspended
3400 lm/4ft 75% Up
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:

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).

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

Due to continuing product improvements, Philips Ledalite reserves the right to change the specifications without notice.
Verge Suspended
3400 lm/4ft 75% Up
3000/3500/4000K

Dimensions - Modules

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

<table>
<thead>
<tr>
<th>4 ft.</th>
<th>8 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' (1219.2mm)</td>
<td>8' (2438.8mm)</td>
</tr>
</tbody>
</table>

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
Photometry - 3500K

Verge Suspended
3400 lm/4ft 75% Up
3000/3500/4000K

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Verge Suspended
3400 lm/4ft 75% Up
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>3271</td>
<td>3416</td>
<td>3513</td>
</tr>
<tr>
<td>Efficacy (lm/W)</td>
<td>114.8</td>
<td>120.3</td>
<td>124.1</td>
</tr>
<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>
</tr>
</tbody>
</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>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>
</tr>
<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.