Incredible efficacy & boundless lighting choices mean the re-engineered Sona suspended LED is destined to become a future classic. Flexible up/down distributions and tailored LED optics mean you always have the right light for every task.

**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>7705</td>
<td>LLED</td>
<td>B</td>
<td>V</td>
<td>D</td>
<td></td>
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</tbody>
</table>

Sona ILC suspended Indirect/Direct

**Product Type**

- 7705: Sona ILC suspended Indirect/Direct

**Source**

- LLED: Luminaire LED

**Color Temp ***

- A: 4000K
- B: 3500K
- C: 3000K

**Lumens ***

- B: 6100 lm/4ft
- C: 4500 lm/4ft
- E: 3100 lm/4ft

**Lower Optics**

- V: White Louver
- A: Curved Acrylic Diffuser

**Upper Optics**

- D: Acrylic Diffuser (70-75% up)
- A: Diffuser with 50% Down Kit

**Run Length**

- 04: 4 ft
- 08: 8 ft

**Wiring †**

- 01: 1 cct Dimming
- 02: 2 cct A/B Dimming (Alt. 4ft)
- 04: 1 cct Dimming + EM Wiring
- 06: 1 cct Dimming + EM Batt. Pack

**Voltage**

- 1: 120V
- 2: 277V
- 3: 347V

**Driver**

- E: Philips Advance 0-10V (5% dim)
- S: Philips Advance Sensor Ready (5% dim)

**Finish**

- 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**

<table>
<thead>
<tr>
<th>Mount Type</th>
<th>Suspension Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consult separate mounting spec sheet for mount type options: Ledalite Suspended Mounting Options</td>
<td></td>
</tr>
<tr>
<td>Distance from ceiling to top of luminaire in inches</td>
<td></td>
</tr>
</tbody>
</table>

**Endcaps**

- F: Flat
- S: Sculpted

**Integrated Controls**

- Please indicate with check mark.

- Response Daylight Single Zone (DS)
- SpaceWise DT Occupancy & Daylight Sensor (SZ)
Sona suspended (1LC Up)
6100 lm/4ft w/ 50% Down Kit
3000/3500/4000K

**Optical System**

1 Light Chamber Upper: Lateral-facing LED arrays deliver light into both the upper and lower hemispheres, giving a highly efficient, native 70% up / 30% down distribution with a wide, homogeneous upper batwing distribution. A fully indirect version with a solid lower housing can be specified, as well as a 50% down-light kit option.

1 Light Chamber Lower: A downward-facing LED array aims light into the lower hemisphere, for a highly efficient, fully direct distribution or optional 80% down version.

2 Light Chambers: Both lateral-facing and downward-facing LED arrays are combined in separate upper and lower chambers for the ultimate in up/down distribution control.

**Lenses:** On the upper surface an engineered diffuser smooths the light distribution on the ceiling and acts as a dust cover. On the lower surface, two 4” wide optics are available: either a curved, engineered acrylic diffuse lens flush to the housing; or a white louver with regressed diffuser for improved high angle cut-off and visual comfort.

**Endcaps**

Diecast aluminum endcaps, either Sculpted (curved) or Flat.

**Finish**

High quality powder coated, available in matte white, black or titanium silver. Other custom colors, including pacific aqua, are available on request. White sensors only.

**Housing**

Precision formed 18 gauge cold-rolled steel. Cross section size (approx.): 2.6” h x 9” w (suspended) or 7.4” w (wall mount).

**Weight**

Maximum: Suspended 4.9lb/ft, Wall 3.4lb/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: suspended 1400lm, wall 1200lm.

**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)

L80 (12k) 110,000 hrs (Projected methodology).

**Source Color**

LEDs rated for color rendering CRI >80, R9 >0 and fixture to fixture color accuracy within 3 SDCM.

**Controls**

Suspended version (1 light chamber only) available with the following integrated controls:

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/spacewise

**Mounting**

**Suspended:** Rapid installation sling mount at joints and ends. High strength aircraft cable and stainless steel gripper provide unlimited vertical adjustment and are independently tested to stringent safety standards. Variable mounting along the length of the housing is available for certain configurations upon request.

**Wall:** A hidden steel rail and bracket system attaches to the existing structure and supports housings close to the wall. Mount positioning is fully variable along the modules to accommodate site conditions, spaced up to 4½’ on center and within 6’ of an end or joint.

**Joints**

Self-aligning, gasketed joining system with hands-free wiring feature.

**Approvals**

Certified to UL, CSA and IES standards. Most suspended versions (except 1 light chamber down with louver) 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 in the area of operation 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**

![Dimensions - Cross Section](image-url)
Sona suspended (1LC Up)

6100 lm/4ft w/ 50% Down Kit
3000/3500/4000K

Dimensions - Modules

Suspended - Side view, no end caps

Optics and Styles

A Curved Acrylic Lens

V White Louver
Sona suspended (1LC Up)
6100 lm/4ft w/ 50% Down Kit
3000/3500/4000K

Photometry @ CRI>80, 3500K

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Sona suspended (1LC Up)
6100 lm/4ft w/ 50% Down Kit
3000/3500/4000K

Optical Performance @ 120V

<table>
<thead>
<tr>
<th>Nominal Spec.</th>
<th>3000K</th>
<th>3500K</th>
<th>4000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flux (lm)</td>
<td>5063</td>
<td>5271</td>
<td>5383</td>
</tr>
<tr>
<td>Efficacy (lm/W)</td>
<td>111.8</td>
<td>116.4</td>
<td>118.0</td>
</tr>
<tr>
<td>Power (W)</td>
<td>45.3</td>
<td>45.3</td>
<td>45.6</td>
</tr>
<tr>
<td>CCT (K)</td>
<td>3020</td>
<td>3378</td>
<td>3958</td>
</tr>
<tr>
<td>CRI</td>
<td>84</td>
<td>83</td>
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<td>R9</td>
<td>11</td>
<td>9</td>
<td>11</td>
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<tr>
<td>x</td>
<td>0.4361</td>
<td>0.4138</td>
<td>0.3835</td>
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<tr>
<td>y</td>
<td>0.4048</td>
<td>0.3976</td>
<td>0.3820</td>
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<tr>
<td>Duv</td>
<td>0.0003</td>
<td>0.0012</td>
<td>0.0016</td>
</tr>
</tbody>
</table>

Electrical Performance @ CRI>80, 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>45.3W</td>
<td>44.8W</td>
<td>45.4W</td>
</tr>
<tr>
<td>Input Current</td>
<td>0.38A</td>
<td>0.17A</td>
<td>0.13A</td>
</tr>
<tr>
<td>Power Factor</td>
<td>0.995</td>
<td>0.971</td>
<td>0.987</td>
</tr>
<tr>
<td>Total Harm. Distortion</td>
<td>6.8%</td>
<td>10.5%</td>
<td>8.0%</td>
</tr>
</tbody>
</table>

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).