With FloatPlane LED, it’s easier than ever to integrate sleek and sporty style into your layout and within budget. Fresh and playful, with Curve and Edge profile options, FloatPlane’s performance rivals that of high-end LED luminaires with the affordability of fluorescent. Available tunable white technology gives you the ability to vary color temperature and intensity, harmonizing lighting with your daily life.

Ordering guide

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Version</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>24</td>
<td>5</td>
<td>L LED</td>
<td>A 4000K</td>
<td>B 6000 lm/4ft</td>
<td>A Acrylic diffuser</td>
<td>J Acrylic diffuser</td>
<td>04' 06' 08'</td>
<td>1 120V</td>
<td>E Philips Advance</td>
<td>W Standard White</td>
<td></td>
</tr>
<tr>
<td>2244</td>
<td>G5G5</td>
<td>G5G5</td>
<td>B 3500K</td>
<td>C 4500 lm/4ft</td>
<td>G 75% Down Kit</td>
<td>B 100% Down Kit</td>
<td></td>
<td></td>
<td>277V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2244</td>
<td>R5R5</td>
<td>R5R5</td>
<td>C 3000K</td>
<td>D 3200 lm/4ft</td>
<td>H 100% Down Kit</td>
<td>J 100% Down Kit</td>
<td></td>
<td></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 exact color temp, lumens & distribution.
† 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 -

- Edge
  1 9/16" x 1 1/2" [20x33mm]
- Curve
  1 1/8" x 1 1/2" [30x33mm]

Integrated Controls
Please indicate with check mark:

- Response Daylight Sensor Single Zone (DS)
- Philips Actilume Occupancy Sensor (DO) (includes field commissionable daylight sensor)
FloatPlane Suspended
6000 lm/4ft w/ 100% Down Kit*
3000/3500/4000K

Optical System
White light emitted from dual linear arrays of lateral-facing LEDs is diffused and redirected into the upper and lower hemispheres with a combination of high reflectivity elements and acrylic diffusers. This delivers a highly efficient 70% up / 30% down indirect/direct distribution with a wide, homogeneous batting distribution in the upper hemisphere. Twin polymer diffusers on the lower surface combine for an optical aperture of 5-1/2" to deliver a uniform, controlled brightness, maximizing visual comfort and luminaire efficacy. Factory or field installable variable optics kits are available to modify the distribution to 75% down or close to 100% down light.

Endcaps
Diecast aluminum endcaps in either Edge or Curve versions to match housing.

Finish
High quality powder coated, available in matte white, black or titanium silver. Other custom colors, including Pacific Aqua and Surf Yellow, available on request.

Housing
Precision formed 18 gauge cold-rolled steel. Approx. cross section size: 1.5"h x 8"w (suspended) or 5.7"w (wall mount).

Weight
Maximum: Suspended 3.5lb/ft, Wall 3.3lb/ft

Electrical
Factory pre-wired to section ends with quick-wire connectors.

Standard Driver
Philips Advance Xitanium 0-10V, 1-100% (347V: 5-100%), Class 2 rated output.

Standard Battery Pack
Philips Bodine, 90 min, 10W, Class 2 rated output, 1000lm nominal (@ 10lm/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:

Suspended: L80 (12k) 70,000 hrs
Wall mount: L80 (12k) 64,000 hrs

Source Color
LEDs rated for color rendering CRI >80, R9 >0 and color accuracy within 2 SDCM.

Controls
Suspended version available with either integrated Response Daylight Sensor or Actilume Occupancy Sensor (includes field commissionable daylight).

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.
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 12" of an end or joint.

Joints
Self-aligning, gasketed joining system. Access panels in the driver channel allow quick and hassle-free wiring of modules either before or after mechanical joints are completed.

Approvals
Certified to UL, CSA and IES standards. Certain suspended versions 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: http://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 in the area of operation are not covered under warranty. Not suitable for natatorium environments.

Dimensions - Cross Section

Due to continuing product improvements, Philips Ledalite reserves the right to change the specifications without notice.
FloatPlane Suspended
6000 lm/4ft w/ 100% Down Kit*
3000/3500/4000K

Dimensions - Modules

4ft Edge

6ft Edge

8ft Edge

Optics and Styles

8ft Edge

8ft Curve
**FloatPlane Suspended**

*6000 lm/4ft w/ 100% Down Kit*

3000/3500/4000K

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**Photometry - 3500K**

![Photometry Diagram](Image)

- **Candela Distribution**
  - Photometry based on 4ft white luminaire. Black, Titanium and Custom color finishes may reduce delivered lumens. Custom color finishes may shift output color temperature.
  - 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](Image)

**Avg. Luminance (cd/m2)**

![Distribution](Image)

- 1% Up / 99% Down

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**Lighting Facts**

- **Light Output (Lumens):** 4809
- **Watts:** 49.8
- **Lumens per Watt (Efficacy):** 96.57
- **Color Accuracy (Color Rendering Index (CRI)):** 82

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Registration Number: F40Z-3X5Z2H (7/3/2015)
Model Number: 24xSL8AJ
Type: Luminaire - Linear

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FloatPlaneSusp_60lm_AJ 02.17 page 4 of 5
FloatPlane Suspended
6000 lm/4ft w/ 100% 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>4711</td>
<td>4809</td>
<td>4844</td>
</tr>
<tr>
<td>Efficacy (lm/W)</td>
<td>94.6</td>
<td>96.6</td>
<td>97.3</td>
</tr>
<tr>
<td>Power (W)</td>
<td>49.8</td>
<td>49.8</td>
<td>49.8</td>
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<tr>
<td>CCT (K)</td>
<td>3032</td>
<td>3344</td>
<td>3907</td>
</tr>
<tr>
<td>CRI</td>
<td>81</td>
<td>82</td>
<td>83</td>
</tr>
<tr>
<td>R9</td>
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<td>5</td>
<td>10</td>
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<tr>
<td>x</td>
<td>0.4376</td>
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<td>0.3867</td>
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<td>y</td>
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<tr>
<td>Duv</td>
<td>0.0020</td>
<td>0.0030</td>
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Electrical Performance - 3500K

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>120V</th>
<th>277V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Power</td>
<td>49.8W</td>
<td>49.2W</td>
</tr>
<tr>
<td>Input Current</td>
<td>0.42A</td>
<td>0.18A</td>
</tr>
<tr>
<td>Power Factor</td>
<td>0.998</td>
<td>0.963</td>
</tr>
</tbody>
</table>
| Total Harm. Distortion | 6.5% | 13.4%

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