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 FloatPlane</td>
<td>GS Edge Suspended</td>
<td>L LED</td>
<td>A 4000K</td>
<td>C Acrylic diffuser</td>
<td>A Acrylic diffuser</td>
<td>G 75% Down Kit</td>
<td>B 6000 lm/4ft</td>
<td>04' 06' 08' Total run length (2 increments)</td>
<td>1 120V</td>
<td>E Philips Advance (1% dim)</td>
<td>W Standard White</td>
</tr>
<tr>
<td>24 FloatPlane</td>
<td>RS Curve Suspended</td>
<td>L LED</td>
<td>A 3500K</td>
<td>C Acrylic diffuser</td>
<td>A Acrylic diffuser</td>
<td>G 75% Down Kit</td>
<td>B 4500 lm/4ft</td>
<td>04' 06' 08' Total run length (2 increments)</td>
<td>1 277V</td>
<td>S Philips Advance SR (3% dim)</td>
<td>W Standard White</td>
</tr>
<tr>
<td>24 FloatPlane</td>
<td>L LED</td>
<td>A 3000K</td>
<td></td>
<td>C Acrylic diffuser</td>
<td>A Acrylic diffuser</td>
<td>G 75% Down Kit</td>
<td>B 3200 lm/4ft</td>
<td></td>
<td>1 347V</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Nominal values within a range. Down kits and dust covers 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

- **Edge**
  - 7 7/8" (202mm)
  - 5/8" (16mm)
- **Curve**
  - 7 7/8" (202mm)
  - 1 1/2" (38mm)

### Options & Integrated Controls

- Dust Cover
- Response Daylight Single Zone (DS)
- SpaceWise DT Occupancy & Daylight Sensor (SZ)
FloatPlane Suspended
4500 lm/4ft w/ 75% 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. Field installable dust covers available on suspended versions.

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. White sensors only.

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 Drivers
Philips Advance Xitanium 0–10V, 1-100%.
Philips Advance Xitanium SR, 5-100% (for SpaceWise DT).
Class 2 rated output. Consult Philips Ledalite for other available drivers.

Standard Battery Pack
Philips Bodine. 90 min, 10W. Class 2 rated output.
Emergency lumens output = 10W x luminaire efficacy x 11. Typical output 1400lm.

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:
L70 (12k) 70,000 hrs suspended / 64,000 hrs wall.
L70 (12k) 108,000 hrs suspended / 98,000 hrs wall. (Projected methodology)

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

Controls
Suspended version available with the following integrated controls:
Response daylight sensor (for single zone).
SpaceWise DT occupancy & daylight sensor w/ advanced grouping & dwell time.
SpaceWise DT commissioning via Android phone and Philips Field App. Compatible dimming wireless wall switches are available. 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.
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 (24x5L) 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/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.

Dimensions - Cross Section

Due to continuing product improvements, Philips Ledalite reserves the right to change the specifications without notice.
FloatPlane Suspended
4500 lm/4ft w/ 75% Down Kit*
3000/3500/4000K

Dimensions - Modules

Optics and Styles
FloatPlane Suspended
4500 lm/4ft w/ 75% Down Kit*
3000/3500/4000K

Photometry - 3500K

Candela Distribution

Coefficients of Utilization (%)

Avg. Luminance (cd/m²)

Distribution
FloatPlane Suspended
4500 lm/4ft w/ 75% 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>3674</td>
<td>3753</td>
<td>3782</td>
</tr>
<tr>
<td>Effic (lm/W)</td>
<td>103.2</td>
<td>105.4</td>
<td>106.2</td>
</tr>
<tr>
<td>Power (W)</td>
<td>35.6</td>
<td>35.6</td>
<td>35.6</td>
</tr>
<tr>
<td>CCT (K)</td>
<td>3028</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>
<td>2</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>x</td>
<td>0.4379</td>
<td>0.4178</td>
<td>0.3867</td>
</tr>
<tr>
<td>y</td>
<td>0.4097</td>
<td>0.4036</td>
<td>0.3864</td>
</tr>
<tr>
<td>Duv</td>
<td>0.0020</td>
<td>0.0030</td>
<td>0.0030</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>35.6W</td>
<td>34.9W</td>
<td>30.2W</td>
</tr>
<tr>
<td>Input Current</td>
<td>0.30A</td>
<td>0.13A</td>
<td>0.09A</td>
</tr>
<tr>
<td>Power Factor</td>
<td>0.990</td>
<td>0.980</td>
<td>0.956</td>
</tr>
<tr>
<td>Total Harm. Distortion</td>
<td>6.0%</td>
<td>12.9%</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.

With SpaceWise DT, standby power <0.5W (120V) or <0.8W (277V).