The HyLite High Performance LED PL Lamp is an ideal Energy-Efficient replacement for CFL and Incandescent Bulb installations in Existing and New Fixtures. The 12W LED PL Lamp provides Energy-Efficient Illumination at a Wide Beam Angle of 120° and replaces 32W/42W CFL Bulbs, effectively reducing Energy Consumption by 63%-72% and as much as 90% when replacing 120W Incandescent Bulbs. HyLite LED PL Lamps are rated at up to 50,000 hours of Lamp Life. This is 50 times longer than a traditional Incandescent Bulb, and 7 times longer than a CFL Bulb. This significantly reduces Energy Usage and Costs as well as Maintenance Expenditures.

- Full Brightness with Instant On and Instant Restrike
- Optimal Design for Horizontal or Vertical Mount Sockets
- >80 CRI for Great Visibility
- Suitable for Dry or Damp Location
- Low Power Consumption
- Universal Voltage: 100-277V, AC
- Heat & Impact Resistant, UV Protected, Non-Yellowing, Optical Grade Lens
- Excellent Heat Dissipation with Proprietary-Designed Heat Sink
- Cool Operation: Does not add to Heat Load (up to 90% less heat than Incandescent) while producing Brilliantly Bright Light
- Non-Combustible. Made from Flame Retardant, Engineered Polymer, the Base is Mechanically Strong and Heat-Resistant up to 435°F (225°C)
- Safe and Reliable: Isolated Circuit Design
- Maintenance-Free Operation: Lasts up to 50 times longer than Incandescent Bulb. Lowers Costs by Reducing Relamp Frequency
- Safe: Contain No Hazardous Materials; RoHS Compliant: No Lead, Mercury, Toxic Metals or Arsenic Gases. No Disposal Requirements. Facilitates LEED® points
- No Electro-Magnetic (EMi) or Radio Frequency Interference (RFi)
- Environmentally Friendly: 98% of the HyLite LED Lamp is Recyclable
- 5 Year Limited Warranty

HyLite LED PL Lamps offer a truly universal G24 base - designed to replace both 2-pin and 4-pin G24 bases listed:

- G24d
- G24q
- Gx24d
- Gx24q

- G24d-1
- G24d-2
- G24d-3
- Gx24q-1
- Gx24q-2
- Gx24q-3
- Gx24q-4

- No Lead, Mercury, Heavy Metals or Toxics
- 98% Recyclable
- 1.75" (45mm) Diameter
- 120 LpW (LM-79) Tested
- 1,000,000 Hours
- 350° Rotatable Base for Directional Lighting
- 1.4” (35mm) Height
- Not Suitable for Enclosed Fixtures
- UL Listed
- LM-80 Tested
- ISTMT Tested
- 5 Year Warranty

HyLite LED PL Lamps can be oriented in any position - does not affect or diminish the life of the lamp

- Base Up
- Base Down
- Base Sideways

Ideal for High-quality Illumination in:
- Down Lights
- Decorative Lighting
- Pedestrian Tunnels
- Stairwell Lighting
- Wall Sconces
- Accent Lighting
- Pendant Lights
- Corridor Lighting
- Bollards
- Ceiling Lights
- Walkway Lighting
- Carriage Lanterns

High Performance 12W LED PL Lamp

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As part of the company’s continuous product improvement program, HyLite reserves the right to change materials, or modify the design of its product without notice. All Specifications subject to change without notice. All values are design and/or typical values when measured under laboratory conditions. Actual Values depend upon the ambient temperature of the installation location. Please consult factory for your specific requirements.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Watts</th>
<th>Delivered Lumens</th>
<th>Input Line Current</th>
<th>Dimensions &amp; Weight (each)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HL-G24-12W</td>
<td>12</td>
<td>1308~1360</td>
<td>96mA@120V</td>
<td>Width: 1.4” (35mm) Height: 5.75” (145mm) Net Weight: 4 oz. (115g)</td>
</tr>
</tbody>
</table>

• Minimum Lamp Compartment Dimensions for Enclosed Fixtures: 6” x 6” x 8.5” (152mm x 152mm x 216mm)
• To Prevent Early Lamp Failure, Lamp should only be installed in Operating Environments ranging from a Minimum of -20°C (-4°F) to a Maximum of +45°C (113°F)
• Efficacy: 120 LpW
• Power Factor: >0.9
• Protection: IP20
• Ambient Working Temperature: -4°F~+113°F (-20°C~+45°C)
• CCT: 3500K (Neutral White), 4000K (Cool White) and 5000K (Daylight)

*Depending upon the ambient temperature of the installation location

**WARNING**

Not Suitable for Totally Enclosed Luminaires or Fully Enclosed Fixtures

### Photometrics

**HyLite PL Lamp, HL-G24-12W**

**Illuminance Distance Curve**

<table>
<thead>
<tr>
<th>Distance (m)</th>
<th>Avg. E (lx/fc)</th>
<th>Ave. E (lx/fc)</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 m</td>
<td>458.90 lx</td>
<td>179.47 lx</td>
<td>3.06 m</td>
</tr>
<tr>
<td>3.3 ft</td>
<td>42.63 fc</td>
<td>16.67 fc</td>
<td>1 ft</td>
</tr>
<tr>
<td>2 m</td>
<td>114.73 lx</td>
<td>44.87 lx</td>
<td>6.11 m</td>
</tr>
<tr>
<td>6.5 ft</td>
<td>10.66 fc</td>
<td>4.17 fc</td>
<td>20 ft</td>
</tr>
<tr>
<td>3 m</td>
<td>50.99 lx</td>
<td>19.94 lx</td>
<td>9.16 m</td>
</tr>
<tr>
<td>9.8 ft</td>
<td>4.74 fc</td>
<td>1.85 fc</td>
<td>30 ft</td>
</tr>
<tr>
<td>4 m</td>
<td>28.68 lx</td>
<td>11.22 lx</td>
<td>12.22 m</td>
</tr>
<tr>
<td>13.1 ft</td>
<td>2.66 fc</td>
<td>1.04 fc</td>
<td>40 ft</td>
</tr>
<tr>
<td>5 m</td>
<td>18.36 lx</td>
<td>7.18 lx</td>
<td>15.27 m</td>
</tr>
<tr>
<td>16.4 ft</td>
<td>1.71 fc</td>
<td>0.67 fc</td>
<td>50 ft</td>
</tr>
</tbody>
</table>

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distances.

**Distance Curve**

**Illuminance**

**Angle:** 113.8° **Diameter**

**Height** Center E (lx/fc) **Angle:** 113.8° **Ave. E (lx/fc)**

**Illuminance**

**Angle:** 113.8° **Diameter**

**Height** Center E (lx/fc) **Angle:** 113.8° **Ave. E (lx/fc)**

**Model** **Suffix** (CCT, °K)

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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>HL-G24-12W</td>
<td>-35K</td>
</tr>
<tr>
<td></td>
<td>3500K = Neutral White (NW)</td>
</tr>
<tr>
<td></td>
<td>-40K</td>
</tr>
<tr>
<td></td>
<td>4000K = Cool White (CW)</td>
</tr>
<tr>
<td></td>
<td>-50K</td>
</tr>
<tr>
<td></td>
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### Ordering for HyLite 12W LED PL Lamp with G24 Base

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### Warning – Risk of Fire or Electric Shock

• Disable all Power to the Lamp before Inspection, Installation, or Removal. Failure to do so will create a Hazardous and Fatal Working Environment. The Installer must determine and verify whether 120V to 277V AC is being utilized at the Luminaire before Installation. Improper Voltage matching can result in Performance Degradation and/or Physical Damage.

• Wiring modification for HyLite LED Lamp installation requires knowledge of Luminaire Electrical Systems. If not qualified, DO NOT attempt Installation. Contact a Qualified Electrician. DO NOT Make or Alter any Open Holes in an Enclosure for Wiring or Electrical Components during Installation.

• Suitable for use in Dry or Damp Locations. Do not use where directly exposed to Liquid, Vapor, Rain or Weather. Non-Submersible (not water tight). Lamp must be installed in accordance with National, State, and/or Local Electrical Codes. Do Not Open – No User Serviceable Parts Inside.

• To prevent early lamp failure, Lamp should only be installed in Operating Environments ranging from a minimum of -20°C (-4°F) to a maximum of +45°C (113°F).

• Luminaire Wiring, Ballast, or other Electrical Parts may be Damaged when Installing. Always check for enclosed Wiring and Components. DO NOT Block Light emanating from Product in Whole, or Part, as this may Cause an Unsafe Condition. To prevent Wiring Damage or Abrasion, DO NOT expose Wiring to edges of Sheet Metal or other Sharp Objects.

• Operate in Fixtures that provide the Free Flow of Air around the Lamp Heat Sink. In Enclosed Fixtures, ensure the Lamp has enough Space for Heat Dissipation. This will ensure Lumen Maintenance and extend its Working Life. When products are used in Outdoor Fixtures, ensure the space is Waterproof and Well Ventilated.

• Not for use on a Dimmer or Remote Controls. This Lamp must be controlled only by either a Switch or an Electronic Photosensor. Do not use a Mechanical Sensor.

• Not intended for use with Emergency Exit Fixtures or Emergency Exit Lights.

• Installing Surge/Lightning Protectors is Highly Recommended and helps to Eliminate Premature Driver Failure caused by Surges and Power Fluctuations.

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For more information, please visit: https://hyliteledlighting.com/