High Performance LED Omni-Cob Lamp, 45W

Designed for easy installation in new and existing fixtures, HyLite LED Omni-Cob Lamps are suitable for a variety of applications. They feature excellent optics for increased visibility, and low power consumption, saving from 64% to 87% on electricity costs. With a lamp life of up to 60,000 hours, the HyLite LED Omni-Cob Lamps significantly reduce Relamping costs, thus decreasing Maintenance and Disposal costs.

HyLite LED Omni-Cob Lamp enhances vision for better Optical Acuity, reduces Light Pollution, and provides 360° of clean, bright light. Suitable for fully enclosed Fixtures, its compact size makes it the ideal replacement for CFL, MV, HID, and HPS lamps in existing E26/E27 (Medium) and E39/E40 (Mogul) Base Fixtures.

- Extremely Efficient: High Lumen Efficacy: 140 LpW
- Fully Encapsulated: Shatter-proof, High-Shock & High-Vibration Resistant
- Omni-Directional with Optimized Lighting Beam provides Maximum 360° Luminance. Perfect for Post Tops and Low Bays
- Bright white light for greater Visibility and Safety. High >80 CRI
- Easy Installation: No Ballast necessary. Direct Retrofit into existing socket
- Instant Start and Restart: No warm-up time required
- Heat & Impact Resistant, UV Protected, Non-yellowing, Optical Grade Lens
- Good Heat Dissipation with proprietary-designed Heat Sink
- Cool Operation: Does not add to Heat Load while producing brilliant light
- Safe and Reliable: Isolated Circuit Design. Integral 1 kV Surge Suppressor & Protection. Includes a Free 20kA in-line Surge Protection Device for added Protection
- No Electro-Magnetic (EMi) or Radio Frequency Interference (RFi)
- Ingress Protection: IP65. Complete protection against Contact, Dust Infiltration, and Splashed Water
- Safe: Contain No Hazardous Materials; RoHS Compliant: No Lead, Mercury, Toxic Metals or Arsenic Gases. No Disposal requirements. Facilitates LEED® points.

- Environmentally Friendly: 98% of the HyLite LED Lamp is Recyclable

**High Performance LED Omni-Cob Lamps - Up to 60,000 hour* Rated Design Life. Outstanding Quality of Light with Energy Savings of 87% over Incandescent, 78% over HPS / MH Lamps and 64% over CFL.**

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**FREE! 20 kA In-line Surge Protection Device Included. Additional Protection for your HyLite Omni-Cob Lamp at no Cost!**

**NO LEAD, MERCURY, HEAVY METALS OR TOXIC GASES**

**98% RECYCLABLE**

**LED Product Partner**

**Reliable and Long-Lasting**

**Warranty** 5 years

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*Depending upon the ambient temperature of the installation location*
Model: HL-OC-45W-E39
Delivered Watts: 45
Delivered Lumens: 6300
Maximum Install Height: <26 ft. (8m)
Input Line Current: 162–450mA
Base Type: E39/E40 (Mogul)
Dimensions & Weight (each):
<table>
<thead>
<tr>
<th>Diameter</th>
<th>Height</th>
<th>Weight</th>
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<tbody>
<tr>
<td>3.7” (93mm)</td>
<td>10.7” (272mm)</td>
<td>2.2 lb. (1kg)</td>
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- Minimum Lamp Compartment Dimensions for Enclosed Fixtures: 9.25” x 9.25” x 17.5” (235mm x 235mm x 440mm)
- To Prevent early Lamp Failure, Lamp should only be installed in Operating Environments ranging from a Minimum of -40°C (-40°F) to a Maximum of +55°C (131°F)
- Efficacy: 140 LpW
- CRI: >80
- Beam Angle: 360°
- Max. THD (%): <15%
- Universal Input Voltage 100~277V, AC 50/60 Hz.
- Power Factor: >0.9
- Protection: IP65
- Rated Life: 50~60,000 Hrs.
- Warranty: 5 Years
- CCT: 5000°K~5500°K for greater visibility. Products with 2400°K-6500°K (CCT) are available as “Special Orders” only and with Longer Lead Times.

### Photometrics

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<tr>
<th>θ</th>
<th>Intensity: (Unit, cd)</th>
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<tbody>
<tr>
<td>0°</td>
<td>120</td>
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<tr>
<td>15°</td>
<td>90</td>
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<td>30°</td>
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<td>45°</td>
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<td>60°</td>
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<td>75°</td>
<td>10</td>
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<td>90°</td>
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<td>105°</td>
<td>60</td>
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<td>120°</td>
<td>90</td>
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<tr>
<td>135°</td>
<td>120</td>
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</tbody>
</table>

### Ideal for high-quality illumination in:
- Area Lighting
- Flood Lighting
- Pendant Lights
- Task Lighting
- Jelly Jar Lights
- Globe Fixtures
- Wall Packs
- Wall Scones
- Parking Lot
- Accent Lighting
- Driveway & Walkway Lighting
- Historic/Vintage Fixtures
- Industrial Beacons
- Explosion-proof Fixtures
- Freezer & Cold Storage Lights
- Down Lights
- Decorative Lighting
- Roadway Lighting
- Low Bay Lighting
- Stairwells, Corridors Lighting
- Pedestrian Tunnels
- Rail Road Station Platforms
- Site Lighting
- Security Lighting

### Installation:
HyLite LED Lamps are designed to work off 100V to 277V, AC. Ballast (if equipped) must be bypassed or removed from the fixture before installing the lamp. Eliminating the Ballast saves additional costs related to Maintenance, Energy Consumption and Performance. By-passing Ballast will also ensure that there is no EMi/RF interference. The installer MUST ensure and verify that NO Part of the installed LED Lamp should touch the Fixture Housing or Components.

Failure to follow these Instructions will result in a Damaged Product and will VOID Warranty. It could also result in an Electric Shock, or Fire.

### 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.
- Suitable for use in Dry, Damp and Wet Locations. Lamp must be installed in accordance with National, State, and/or Local Electrical Codes. Do Not Open – No User Serviceable Parts Inside.
- 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.
- Caution: When Installing Lamps in Corrosive Environments, HyLite suggests that a High-Temperature, Moisture-Resistant, Silicone Grease or Sealant be used to protect the Metal-threaded base of the LED Lamp to prevent Water and/or Moisture Incursion that can lead to Premature Degradation of the Lamp Base and eventual Lamp Failure. This is especially recommended for LED Lamp installations near Saltwater bodies.
- Installing Surge/Lightning Protectors is Highly Recommended and helps to Eliminate Premature Driver Failure caused by Surges and Power Fluctuations.