The HyLite High Power LED Omni-Cob Lamp is an energy-efficient replacement for use in a wide variety of new or retrofit applications. It features excellent optics for increased Visibility and Security, with a 360° beam to evenly illuminate the area.

Its compact size, the HyLite LED Omni-Cob Lamp is an excellent alternative to standard CFL, MV, HID, or HPS lighting and is ideal for Shoe Box, Area, Street and Roadway, Security Lighting applications. With a lamp life of up to 60K hours, the HyLite LED Omni-Cob Lamps significantly reduce Relamping costs, thus decreasing Maintenance and Disposal costs.

- Highest Lumen Efficacy in its’ class: 140 LpW with High CRI: >80
- Fully Encapsulated: Shatter-proof, High-Shock & High-Vibration Resistant
- 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
- Eco-Friendly: Contain No Hazardous Materials; RoHS Compliant: No Lead, Mercury, Toxic Metals or Arsenic Gases. No Disposal requirements. Facilitates LEED® points.
- Ideal for use with Renewable Energy Resources – Solar & Wind Power
- Environmentally Friendly: 98% of the HyLite LED Lamp is Recyclable

Replacing Incandescent, HPS/HID, CFL with the HyLite High Performance LED Omni-Cob Lamp, 100W:

- **88%** Energy Savings (%)*
- **75%** Energy Savings (%)*
- **67%** Energy Savings (%)*

* Does not include Ballast Loss, Maintenance and Replacement Lamp Savings and Disposal Costs which can amount to additional Savings of 30–50%!

**WARNING!** Not Suitable for Horizontal Installation

Minimum Lamp Compartment Size

9.25” x 9.25” x 17.5” (235 x 235 x 440mm)

Caution: The Lamp has been provided with a Safety Cable. It is imperative to Secure Safety Cable to the Fixture, when installed in Vertical Installation.
High Performance LED Omni-Cob Lamp, 100W Photometrics

<table>
<thead>
<tr>
<th>Watts</th>
<th>Delivered Lumens</th>
<th>Maximum Install Height</th>
<th>Input Line Current</th>
<th>Base Type</th>
<th>Dimensions &amp; Weight (each)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>14,000</td>
<td>&lt;32 ft. (10m)</td>
<td>361mA-1.0A</td>
<td>E39/40 (Mogul)</td>
<td>5.9” (149mm)</td>
</tr>
</tbody>
</table>

**Model No.**
- **HL-OC-100W-E39**

- **Efficacy:** 140 lpW
- **Power Factor:** >0.9
- **Protection:** IP65
- **Rated Life:** 50~60,000 Hrs.
- **Warranty:** 5 Years
- **Universal Input Voltage**

- **E39/E40 (Mogul)**

- **Flux Out:** 1521 lm

- **Height 120 cm:** 13.44/17.27 lx
- **Height 140 cm:** 1.25/1.61 fc
- **Height 160 cm:** 9.88/12.69 lx
- **Height 180 cm:** 0.92/1.18 fc
- **Height 200 cm:** 7.56/9.72 lx
- **Height 220 cm:** 0.70/0.90 fc
- **Height 240 cm:** 5.98/7.68 lx
- **Height 260 cm:** 0.56/0.71 fc
- **Height 280 cm:** 0.45/0.58 fc

- **Height 10 m:** 4.84/6.22 lx
- **Height 11 m:** 0.56/0.71 fc
- **Height 12 m:** 0.45/0.58 fc

- **Flux Out:** 1521 lm

- **E Avg, Emax:** 0.45/0.58 fc

- **Angle**: 90.00°

- **Diameter**: 120 cm

**Photometrics**

**Average Beam Angle (50%): 277.0°**

**Ideal for high-quality illumination in:**
- **Area Lighting**
- **High Bay Lighting**
- **Manufacturing**
- **Gymnasiums**
- **Cold Storage**
- **Utility and Power Generation**
- **Warehouse Lighting**
- **High Ceiling**

**WARNING!**

- **Not Suitable for Horizontal Installation**
- **Minimum Lamp Compartment Size**
  9.25” x 9.25” x 17.5” (235mm x 235mm x 440mm)
- **Caution:** The Lamp has been provided with a Safety Cable. It is imperative to Secure Safety Cable to the Fixture, when installed in Vertical Installation.

**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.**

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