The HyLite High Performance 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.

It is an Excellent Alternative to Standard CFL, MV, MH, or HPS and is ideal for High Bay, Area, Street and 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
- Brilliant Light for greater Visibility and Safety.
- 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: 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

HyLite High Performance LED Omni-Cob Lamps - Up to 60,000 hour* Rated Design Life. Outstanding Quality of Light with Energy Savings of 90% over Incandescent, 80% over HPS / MH Lamps and 70% over CFL.

*Does not include Ballast Loss, Maintenance and Replacement Lamp Savings and Disposal Costs which can amount to additional Savings of 30–50%!
**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 notification. 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>Maximum Install Height</th>
<th>Input Line Current</th>
<th>Base Type</th>
<th>Dimensions &amp; Weight (each)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HL-OC-150W-E39*</td>
<td>150</td>
<td>21,000</td>
<td>&lt;40 ft. (12m)</td>
<td>542mA~1.5A</td>
<td>E39/E40 (Mogul)</td>
<td>Diameter: 5.9” (149mm) Height: 11.5” (291mm) Weight: 3.1 lb. (1.4kg)</td>
</tr>
</tbody>
</table>

- 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 lm/W
- Power Factor: >0.9
- Protection: IP65
- Rated Life: 50~60,000 Hrs.
- Warranty: 5 Years
- Universal Input Voltage: 100~277V, AC 50/60 Hz.

*Depending upon the Ambient Temperature of the Installation Location*

### Photometrics

![Photometrics Diagram]

- Intensity: (Unit, cd) C0/180, 278.6°
- C90/270, 279.9°

### 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.

### 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.