Designed for Easy Installation in New and Existing Fixtures, the HyLite LED Arc-Cob Lamp features Excellent Optics for Increased Visibility, and Low Power Consumption, saving up to 90% on Electricity Costs. With a Lamp Life of up to 60,000 hours, the HyLite LED Arc-Cob Lamps Significantly Reduce Relamping costs, thus decreasing Maintenance and Disposal Costs.

The HyLite LED Arc-Cob Lamp enhances vision for better Optical Acuity, and reduces Light Pollution (No Wasted Light). Suitable for Fully Enclosed Fixtures, its Compact Size makes it the ideal Replacement for CFL, MV, HID, and HPS Lamps in Various Applications.

- Fully Encapsulated: Shatterproof, High-Shock & High-Vibration Resistant
- Instant Start and Restart: No Warm-up Time required
- Quick & Easy Installation: No Ballast necessary. Direct Retrofit into existing socket by simply bypassing the Ballast.
- Extremely Efficient: High Lumen Efficacy: 150 LpW with High CRI >80
- 350° Rotatable Base for Directional Lighting
- Heat & Impact Resistant, UV Protected, Non-yellowing, Optical Grade Lens
- Safe and Reliable: Isolated Circuit Design. No Noise or RF Interference Includes a Free 20kA in-line Surge Protection Device for added Protection
- Good Heat Dissipation with Proprietary-designed Heat Sink
- Universal Voltage: 100-277V, AC
- Ingress Protection: IP65. Complete protection against Contact, Dust Infiltration, and Water Splashes.
- No UV Radiation – Does Not Attract Insects
- Wide Ambient Operating Temperature: -40°F to +131°F [-40°C to +55°C]
- Ideal for use with Renewable Energy Resources – Solar & Wind Power
- Safe: Contain No Hazardous Materials; RoHS Compliant: No Lead, Mercury, Toxic Metals or Arsenic Gases. No Disposal Requirements.
- Environmentally Friendly: 98% of the HyLite LED Lamp is Recyclable

<table>
<thead>
<tr>
<th>Incandescent 400W</th>
<th>HPS/HID 250W</th>
<th>CFL 150W</th>
<th>HyLite 40W</th>
</tr>
</thead>
<tbody>
<tr>
<td>90% Energy Savings (%)*</td>
<td>84% Energy Savings (%)*</td>
<td>73% Energy Savings (%)*</td>
<td></td>
</tr>
</tbody>
</table>

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

Energy is the foundation of our world. As we continue to move towards a more sustainable future, it is important to use energy efficiently. The HyLite LED Arc-Cob Lamp is designed to help us do just that. By reducing Energy Consumption, we can significantly reduce our impact on the environment.

Universal Burning Positioning
Lamp can be oriented in any position - does not affect or diminish the life of the Lamp

98% RECYCLABLE
NO LEAD, MERCURY, HEAVY METALS OR TOXIC GASES

BEAM ANGLE
Wide & Uniform
For Enclosed Luminaires
Energy Costs
Reduction of up to 90%
Low Voltage & Longer Life
Solid State Vibration and Shock Resistant
No ENI / RF Interference Radiation-Free No Humming
High Efficacy 150 LpW LM-79 Tested
Reliability ISTMT Tested
Warranty Reliable and Long-Lasting

Damp Locations
Enclosed Fixtures

Page: 1 of 2
**High Performance LED Arc-Cob Lamp, 40W Photometrics**

<table>
<thead>
<tr>
<th>Height</th>
<th>E Avg, E max</th>
<th>Angle: 106.98°</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 m</td>
<td>568.2/1701 lx</td>
<td>270 cm</td>
<td></td>
</tr>
<tr>
<td>3.2 ft</td>
<td>52.6/158 fc</td>
<td>8.9 ft</td>
<td></td>
</tr>
<tr>
<td>2 m</td>
<td>142.1/425.1 lx</td>
<td>540 cm</td>
<td></td>
</tr>
<tr>
<td>6.5 ft</td>
<td>13.2/39.5 fc</td>
<td>17.7 ft</td>
<td></td>
</tr>
<tr>
<td>3 m</td>
<td>63.1/188.9 lx</td>
<td>811 cm</td>
<td></td>
</tr>
<tr>
<td>9.8 ft</td>
<td>5.9/17.6 fc</td>
<td>26.6 ft</td>
<td></td>
</tr>
<tr>
<td>4 m</td>
<td>35.5/106.3 lx</td>
<td>1081 cm</td>
<td></td>
</tr>
<tr>
<td>13.1 ft</td>
<td>3.3/9.9 fc</td>
<td>35 ft</td>
<td></td>
</tr>
<tr>
<td>5 m</td>
<td>22.7/68 lx</td>
<td>1351 cm</td>
<td></td>
</tr>
<tr>
<td>16.4 ft</td>
<td>2.1/6.3 fc</td>
<td>44 ft</td>
<td></td>
</tr>
</tbody>
</table>

**Ideal for high-quality illumination in:**
- Wall Packs
- Street Lighting
- Canopy Lights
- Low Bay Lighting
- Pedestrian Tunnels
- Driveway Lighting
- Flood Lights
- Parking Lot Lighting
- Walkway Lighting
- Security Lights
- Freezer & Cold Storage Lights
- Parking Garage Lights

**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. It is STRONGLY RECOMMENDED that the Reflector in the Fixture be removed for Optimum Thermal Management and better Heat Dissipation. This will ensure Lumen Maintenance and extend its Working Life. The installer MUST also 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.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Watts</th>
<th>Delivered Lumens</th>
<th>Suggested Install Height</th>
<th>Input Line Current</th>
<th>Base Type</th>
<th>Dimensions &amp; Weight (each)</th>
<th>Diameter</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>HL-AC-40W-E39</td>
<td>40</td>
<td>6600</td>
<td>&lt;23 ft. (7m)</td>
<td>361mA~1.0A</td>
<td>E39/E40 (Mogul)</td>
<td>3.6&quot; (90mm)</td>
<td>10.5&quot; (265mm)</td>
<td>1.9 lb. (880g)</td>
<td></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: 150 LpW
- Power Factor: >0.9
- CRI: >80
- Beam Angle: 120°
- Rated Life: 50–60,000 Hrs.
- Max. THD (%): <20%
- Universal Input Voltage
- CCT: 5000°K~5500°K for greater visibility. Products with 2400°K-6500°K (CCT) are available as “Special Orders” and with Longer Lead Times
- 347V, 480V Available with with External Step-Down Transformer only. Please see HL-DT-50VA-480-277V Spec. Sheet at: https://hyliteledlighting.com/resources/specification-sheets/
- 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)
- Minimum Lamp Compartment Dimensions for Enclosed Fixtures: 9.25" x 9.25" x 17.5" (235mm x 235mm x 440mm)
- Not intended for use with Emergency Exit Fixtures or Emergency Exit Lights.
- Not for use on a Dimmer or Remote Controls.
- CCT. 5000°K~5500°K for greater visibility. Products with 2400°K-6500°K (CCT) are available as “Special Orders” and with Longer Lead Times
- Depending upon the ambient temperature of the installation location. Please consult factory for your specific requirements.

- 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.