High Performance LED Arc-Cob Lamp, 20W

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: 140 LpW with High CRI >80
- 350° Rotatable Base for Directional Lighting
- Heat & Impact Resistant, UV Protected, Non-yellowing, Optical Grade Lens
- Safe & Reliable: Isolated Circuit Design. Integral 1 kV Surge Suppressor and Protection. Includes a Free 20kA in-line Surge Protection Device for added Protection
- Good Heat Dissipation with Proprietary-designed Heat Sink
- No Electro-Magnetic (EMi) or Radio Frequency Interference (RFi)
- 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]
- 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

Energy Savings (%)*

<table>
<thead>
<tr>
<th>Incandescent</th>
<th>HPS/HID</th>
<th>CFL</th>
<th>HyLite</th>
</tr>
</thead>
<tbody>
<tr>
<td>150W</td>
<td>100W</td>
<td>55W</td>
<td>20W</td>
</tr>
<tr>
<td>87%</td>
<td>80%</td>
<td>64%</td>
<td>98% RECyclable</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%!*

- Beam Angle: 120° Wide & Uniform
- Suitable for Enclosed Luminaires
- Energy Costs: Reduction of up to 87%
- Low Voltage & Longer Life
- Solid State Vibration and Shock Resistant
- No EMi / RFi
- No Noise
- Radiation-Free
- No Humming
- High Efficacy 140 LpW
- Lum-79 Tested
- LM-80 Tested
- ISTMT Tested
- Reliable and Long-Lasting 5 years Warranty

*Depending upon the ambient temperature of the installation location
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>Suggested Install Height</th>
<th>Input Line Current</th>
<th>Base Type</th>
<th>Dimensions &amp; Weight (each)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HL-AC-20W-E26</td>
<td>20</td>
<td>2800</td>
<td>&lt;16 ft. (5m)</td>
<td>72~200mA</td>
<td>E26/E27</td>
<td>3.6” (90mm) 7.75” (197mm) 24 oz. (680g)</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 -40°C (-40°F) to a Maximum of +55°C (131°F)
- Efficacy: 140 lm/W
- Power Factor: >0.9
- CRI: >80
- Beam Angle: 360°
- Maximum THD (%): <15%
- Rated Life: 50~60,000 Hrs.
- Universal Input Voltage
- Protection: IP65
- Warranty: 5 Years
- Power Factor: >0.9
- Operation: 100~277V, AC 50/60 Hz

347V, 480V Available with External Step-Down Transformer only. Please see HL-DT-30VA-480-240V Spec Sheet at: https://hyliteledlighting.com/resources/specification-sheets/

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.

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Photometrics

<table>
<thead>
<tr>
<th>Height</th>
<th>Diameter</th>
<th>Flux Out</th>
<th>EAvg, Emax</th>
<th>Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 m</td>
<td>253 cm</td>
<td>278.7/770.3 lx</td>
<td>1011 cm</td>
<td>103.28°</td>
</tr>
<tr>
<td>3.2 ft.</td>
<td>8.3 ft.</td>
<td>25.9/71.6 fc</td>
<td>31.0/85.6 lx</td>
<td>6.5 ft.</td>
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<tr>
<td>2 m</td>
<td>505 cm</td>
<td>69.7/192.6 lx</td>
<td>30.1/85.6 lx</td>
<td>3 m</td>
</tr>
<tr>
<td>6.5 ft.</td>
<td>16.6 ft.</td>
<td>6.5/17.9 fc</td>
<td>17.4/48.1 lx</td>
<td>9.8 ft.</td>
</tr>
<tr>
<td>3 m</td>
<td>758 cm</td>
<td>31.0/85.6 lx</td>
<td>2.9/8.0 fc</td>
<td>4 m</td>
</tr>
<tr>
<td>9.8 ft.</td>
<td>24.9 ft.</td>
<td>2.9/8.0 fc</td>
<td>17.4/48.1 lx</td>
<td>13.1 ft.</td>
</tr>
<tr>
<td>5 m</td>
<td>1011 cm</td>
<td>1.6/4.5 fc</td>
<td>1.6/4.5 fc</td>
<td>5 m</td>
</tr>
<tr>
<td>16.4 ft.</td>
<td>1264 cm</td>
<td>11.2/30.8 lx</td>
<td>1.0/2.9 fc</td>
<td>16.4 ft.</td>
</tr>
</tbody>
</table>

Ideal for high-quality illumination in:

- Wall Scones
- Flood Lights
- Street Lighting
- Canopy Lights
- Low Bay Lighting
- Pedestrian Tunnels
- Driveway Lighting
- Wall Packs
- Parking Garage Lights
- Parking Lot Lighting
- Walkway Lighting
- Security Lights
- Freezer & Cold Storage Lights
- Stairwells, Corridors Lighting

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.