

### High Performance LED Omni-Cob Bulb, 120W

The HyLite LED Omni-Cob Bulb 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.

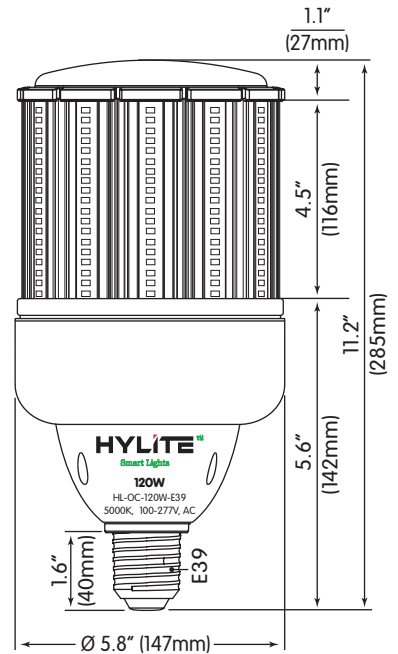
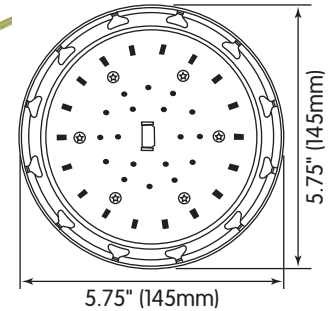
With its Universal Burning Position design and its compact size, the HyLite LED Omni-Cob Bulb is an excellent alternative to standard HID, HPS, CFL or MV lighting and is ideal for Shoe Box, Area, Street and Roadway and Security Lighting applications.

With a lamp life of up to 60K hours, the HyLite LED Omni-Cob bulbs significantly reduce relamping costs, thus decreasing maintenance and disposal costs.

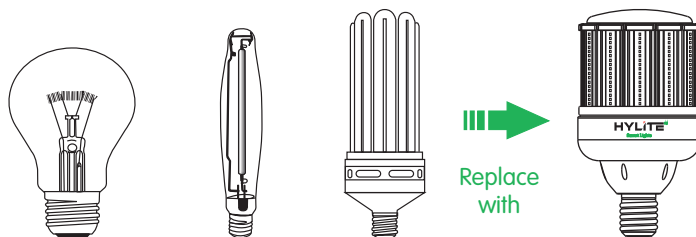
- Fully Encapsulated: Shatter-proof, High-Shock & High-Vibration Resistant
- Omni-directional with Optimized Lighting Beam provides Maximum 360° Luminance with highest Lumen Efficacy in its' class: 140 lpw
- Bright white light for greater visibility and safety. High >80 CRI
- Easy Installation: No Ballast necessary. Direct Retrofit into existing socket
- Instant Start and Restart: No warm up time required
- Good Heat Dissipation with proprietary-designed Heat Sink
- Safe and Reliable: Isolated Circuit Design
- Safe: Contain No Hazardous Materials; RoHS Compliant: No Lead, Mercury, Toxic Metals or Arsenic Gases. No disposal requirements. Facilitates LEED® points.
- Heat & Impact Resistant, UV Protected, Non-yellowing, Optical Grade Lens
- Cool Operation: Does not add to Heat Load while producing brilliantly bright light
- Environmentally Friendly: 98% of the HyLite LED Bulb is recyclable.
- Ideal for use with Renewable Energy Resources – Solar & Wind Power
- Longer Life = Increased Sustainability and Dependability
- Ingress Protection: IP64. Complete protection against Contact, Dust Infiltration, and Splashed Water



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



### Universal Burning Positioning



Incandescent	HPS/HID	CFL	HyLite
1000W	500W	300W	120W
90%	80%	70%	Energy Savings (%)*

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



Base Down



Base Sideways



Base Up

Lamp can be oriented in any position  
- does not affect or diminish the life of the bulb.

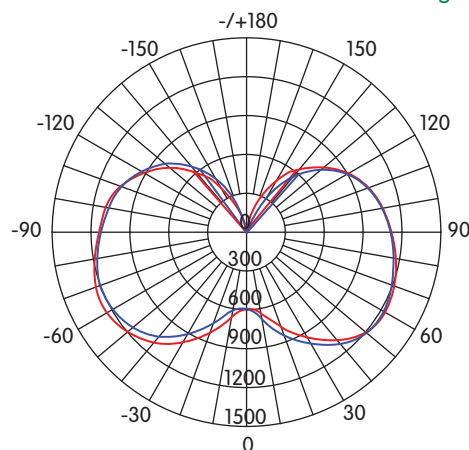
 360° Illumination	 For Enclosed Luminaires	 Up to 60,000 Hours	 Reduction of up to 90%	 Vibration and Shock Resistant	 Zero Interference	 Radiation-Free No Humming	 140 lpw LM-79 Tested	 LM-80 Tested ISTMT Tested	 5 years Safe and Reliable
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Model No.	Watts	Lumens (lm)	Suggested Install Height	Input Line Current	Base Type	Dimensions & Weight (each)		
						Diameter	Height	Weight
HL-OC-120W-E39	120	16260	<32 ft. (10m)	433mA~1.2A	E39/E40 (Mogul)	5.75" (145mm)	12" (300mm)	4.4 lb. (2Kg)

- Efficacy: 140 lpw
- CRI: >80
- Beam Angle: 360°
- Max. THD (%): <15%
- Universal Input Voltage
- Power Factor: >0.9
- Protection: IP64
- Rated Life: 50~60,000 Hrs.
- Warranty: 5 Years
- 100~277V, AC 50/60 Hz.
- Ambient Working Temperature: -22~+140°F (-30~+60°C)
- CCT: 5000°~5500°K for greater visibility. Products with (CCT) 2700°-6500°K are available as "Special Orders" only.

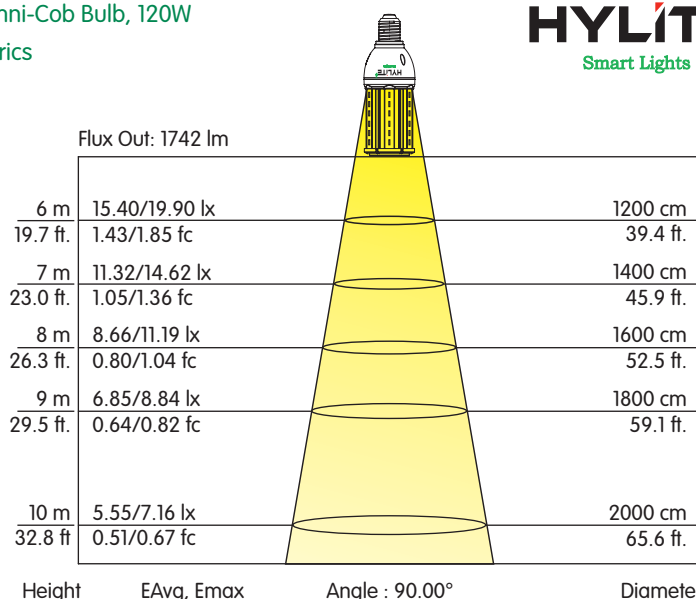
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### Photometrics



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

Average Beam Angle (50%): 279.3°



## Ideal for high-quality illumination in:

- Bollards
- Down Lights
- Pendant Lights
- Task Lighting
- Jelly Jar Lights
- Globe Fixtures
- Wall Packs
- Wall Scones
- Accent Lighting
- Driveway & Walkway Lighting
- Historic/Vintage Fixtures
- Industrial Beacons
- Explosion-proof Fixtures
- Freezer & Cold Storage Lights
- Decorative Lighting
- Carriage Lanterns
- Low Bay Lighting
- Stairwells, Corridors Lighting
- Pedestrian Tunnels
- Rail Road Station Platforms

**Warning:** Disable all Power to the Luminaire. HyLite LED Bulbs are designed to work off 100V to 277V, AC. Ballast (if equipped) must be bypassed or removed from the fixture before installing the bulb. Failure to follow instructions can result in a damaged product and will **VOID** Warranty. It could also result in an electric shock, or fire. 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.

## Warning – Risk of Fire or Electric Shock

- Disable all power to the bulb before inspection, installation, or removal. Failure to do so will create a hazardous and fatal working environment.
- For use in Dry Locations Only. Do not use where directly exposed to Liquid, Vapor, Rain or Weather. 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 bulb to prevent water and/or moisture incursion that can lead to premature degradation of the bulb base and eventual bulb failure. This is especially recommended for LED bulb installations near saltwater bodies.
- Installing Surge/Lightning Protectors is highly recommended. Helps eliminate premature driver failure caused by Surges and other Power Fluctuations.