

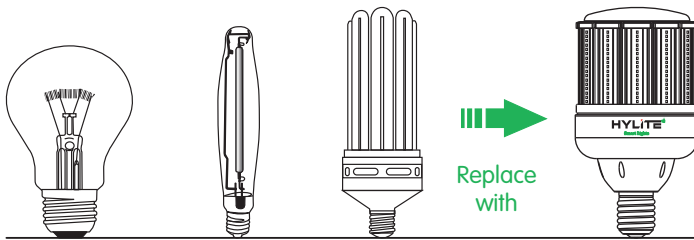
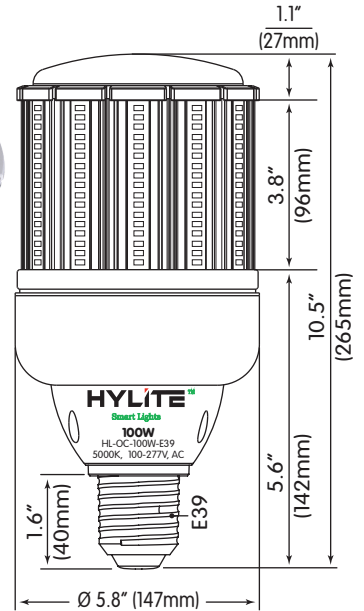
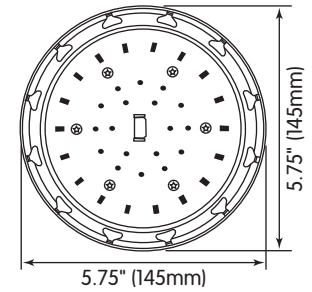
**High Performance LED Omni-Cob Bulb, 100W**

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 lm/w
- 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 brilliantly bright light
- 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.
- 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



Incandescent	HPS/HID	CFL	HyLite
800W	400W	250W	100W
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%!

**Universal Burning Positioning**



Base Down

Base Sideways

Base Up

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

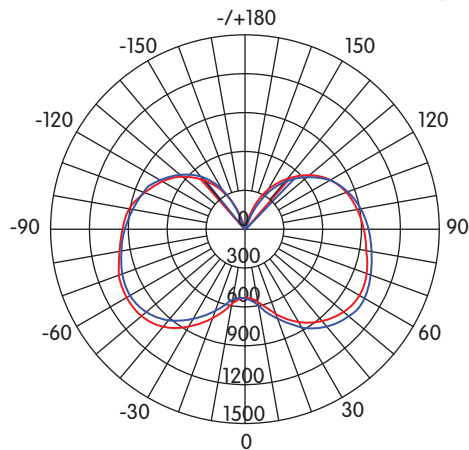
<p>360° Illumination</p>	<p>For Enclosed Luminaires</p>	<p>Up to 60,000 Hours</p>	<p>Reduction of up to 90%</p>	<p>Vibration and Shock Resistant</p>	<p>Zero Interference</p>	<p>Radiation-Free No Humming</p>	<p>140+ lm/w LM-79 Tested</p>	<p>LM-80 Tested ISTMT Tested</p>	<p>Safe and Reliable</p>
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Model No.	Watts	Lumens (lm)	Suggested Install Height	Input Line Current	Base Type	Dimensions & Weight (each)		
						Diameter	Height	Weight
HL-OC-100W-E39	100	13550	<32 ft. (10m)	361mA~1.0A	E39/E40 (Mogul)	5.75" (145mm)	11.25" (285mm)	4.2 lb. (1.9Kg)

- Efficacy: 140 lm/w
- 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.

### High Performance LED Omni-Cob Bulb, 100W

#### Photometrics



Intensity: (Unit, cd)

— C0/180, 276.6°

— C90/270, 277.4°

Average Beam Angle (50%): 277.0°

**HYLITE™**  
Smart Lights



Flux Out: 1521 lm

Height	EAvg, Emax	Angle : 90.00°	Diameter
6 m 19.7 ft.	13.44/17.27 lx 1.25/1.61 fc		1200 cm 39.4 ft.
7 m 23.0 ft.	9.88/12.69 lx 0.92/1.18 fc		1400 cm 45.9 ft.
8 m 26.3 ft.	7.56/9.72 lx 0.70/0.90 fc		1600 cm 52.5 ft.
9 m 29.5 ft.	5.98/7.68 lx 0.56/0.71 fc		1800 cm 59.1 ft.
10 m 32.8 ft.	4.84/6.22 lx 0.45/0.58 fc		2000 cm 65.6 ft.

### Ideal for high-quality illumination in:

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

**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.