

High Performance LED Omni-Cob Lamp, 70W~80W~100W

Small and Compact, Omni-Directional LED Lamps are the ideal Energy-efficient replacement for existing Incandescent, CFL, HPS and MH Lamp installations in a Variety of Applications. They support 3-Color Temperature Adjustment, and 3-Position Wattage Regulation and are excellent for applications requiring 360° illumination. They feature Excellent Optics for increased Visibility and Security with an Omni-Directional beam to evenly illuminate the area.

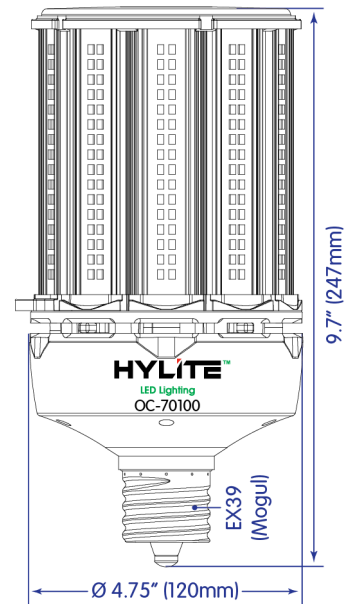
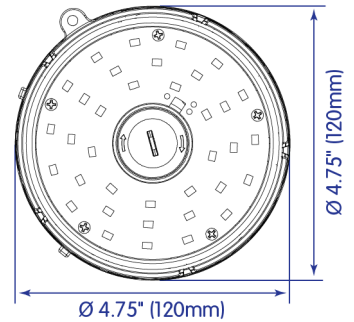
- Compact Size: Fully Encapsulated and Compact Size: Easily installed into Small Fixtures and Tight Spaces.
- Easy Installation & Retrofitting: Simply Bypass Ballast and Screw-in.
- Extremely Efficient: Highest Lumen Efficacy of 165 LpW.
- Ultra-Long Design Life: Up to 60,000 hours*. Up to 14 Years at an on-time of 12 hrs./day.
- Solid-State: High-Shock and High-Vibration Resistant.
- Good Heat Dissipation with Proprietary-designed Heat Sink.
- Passive Cooling: No Moving Parts for Longer Life.
- Intelligent Temperature Control, Automatic Power Adjustment and Suitable for Higher Temperature Environment. Includes 4kV Surge Protection.
- Ingress Protection: IP65. Complete protection against Contact, Dust Infiltration, and Splashed Water.
- Instant Start & Restart: No Warm-up time required even in Extreme Cold.
- Flicker-free, Crisp, Pleasing Light showing True Colors.
- Enhances Vision: Zero Dark Spots for greater Visibility & Safety.
- No Noise or RF Interference. No UV Emissions: Does Not attract Insects.
- Radiation/Emissions-Free: No Harmful IR, No EMI/HD.
- Fully Encapsulated with Heat and Impact Resistant, Optical Grade PC Lens.
- Patented Technology Delivers Maximum, Lifetime Energy Savings.
- Eliminates the Hassle of Repeated Relamping.
- Low Total Cost of Ownership. Shortest Payback Period and High ROI.
- Safe: Contain No Hazardous Materials; RoHS Compliant: No Lead, Mercury, Toxic Metals or Arsenic Gases. No Disposal requirements.

SAVE UP TO
90%
ON YOUR
ENERGY COSTS



250~400W
HID
Equivalent

Multi-Wattage
and
Color Selectable



Suitable for
Damp Locations / **Enclosed Fixtures**

Incandescent	HPS/HID	CFL	HyLite
1000W	400W	300W	100W
90%	75%	67%	Energy Savings (%)*

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

NEXGEN
PRODUCTS



98%
RECYCLABLE



NO
LEAD, MERCURY,
HEAVY METALS
OR TOXIC GASES

WARNING! Not Suitable for Horizontal Installation
Minimum Lamp Compartment Size
9.5" x 9.5" x 17.5" (242 x 242 x 445mm)
Caution: The Lamp has been provided with a Safety Cable. It is imperative to Secure Safety Cable to the Fixture, when installed in Vertical Installation.

OmniDirectional

360°
Illumination

Energy Costs

Reduction of
up to 90%

Suitable

For Enclosed
Luminaires

Low Power

&
Longer Life
Up to
60,000 Hours

Solid State

Vibration and
Shock Resistant

No EMI / RFI

Zero
Interference

No IR / UV

No Noise
Radiation-Free
No Humming

Lumen Efficacy

165 LpW
LM-79 Tested

Reliability

LM-80 Tested
ISTMT Tested

Warranty

5
Years
Safe and
Reliable

Model No.	Watts	Delivered Lumens	Maximum Install Height	Input Line Current	Base Type	Dimensions & Weight (each)		
						Diameter	Height	Weight
HL-OC-70100-EX39-3050K	70	11,550	<33 ft. (10m)	253~700mA	EX39 (Mogul)	4.75" (120mm)	9.7" (247mm)	3.3 lb. (1.5kg)
	80	13,200		289~800mA				
	100	16,500		361~1000mA				

- Minimum Lamp Compartment Dimensions for Enclosed Fixtures: 9.5" x 9.5" x 17.5" (242 x 242 x 445mm)
- To Prevent early Lamp Failure, Lamp should only be installed in Operating Environments ranging from a Minimum of -25°C (-13°F) to a Maximum of +45°C (113°F)
- Efficacy: 165 LpW
- CRI: >80
- Beam Angle: 360°
- Max. THD (%): <20%
- Universal Input Voltage 100~277V, AC 50/60 Hz.
- Power Factor: >0.9
- Protection: IP65
- Rated Life: 50~60,000 Hrs.
- Warranty: 5 Years
- CCT Selectable: 3000°K ~ 4000°K ~ 5000°K

* Depending upon the ambient temperature of the installation location

LM-80 Tested High Power, LED Chips with High Lumen Efficacy



Ventilated and Advanced Thermal Management: Maintains Cool-Running Lamp. Suitable for use in Fully Enclosed Fixtures

Omni-Directional with Optimized Lighting Beam provides 360° Luminance

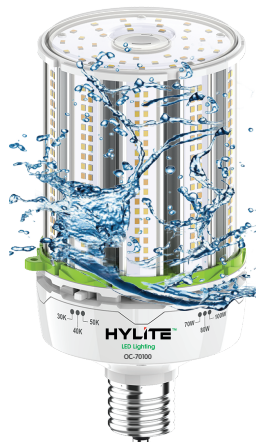
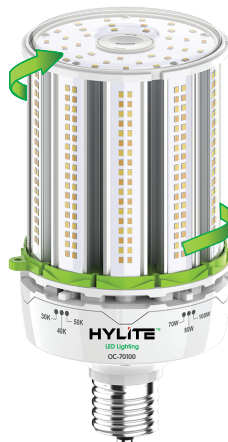
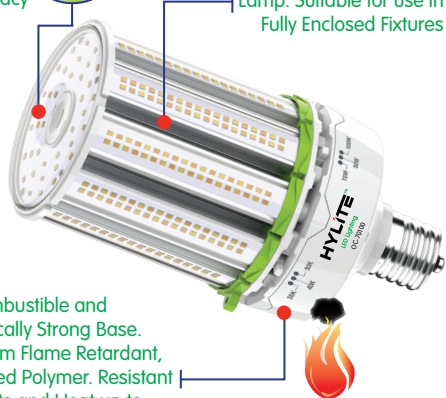
Complete Protection against Contact, Dust Infiltration, and Water Splashes



Proprietary Technology Reduces:

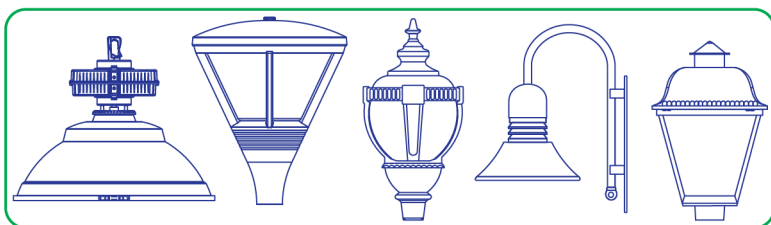
- Energy Costs
- Bulb and Ballast Replacement Costs
- Re-Lamping and Lamp Disposal Issues
- Costly Equipment Rental
- Pollution: No Mercury, Lead or Toxic Gases Contamination

Non-Combustible and Mechanically Strong Base. Made from Flame Retardant, Engineered Polymer. Resistant to Solvents and Heat up to 302°F (150°C)



98% Recyclable
No Lead, Mercury,
Heavy Metals,
or Toxic Gases

Ideal for Use in



WARNING!

Minimum Lamp Compartment Size
9.5" x 9.5" x 17.5" (242mm x 242mm x 445mm)

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.

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/Lighting Protectors is Highly Recommended and helps to Eliminate Premature Driver Failure caused by Surges and Power Fluctuations.