HYLITE™
LED Lighting

LED
OMNI-BULB™

Ideal for High-quality Illumination in:

- Down Lights
- Decorative Lighting
- Pendant Lights
- Stairwell Lighting
- Wall Scones
- Accent Lighting
- Walkway Lighting
- Corridor Lighting
- Wall Packs
- Ceiling Lights
- Task Lighting
- Carriage Lanterns

18W / 26W CFL Equivalent

High Performance 8W LED Omni-Bulb

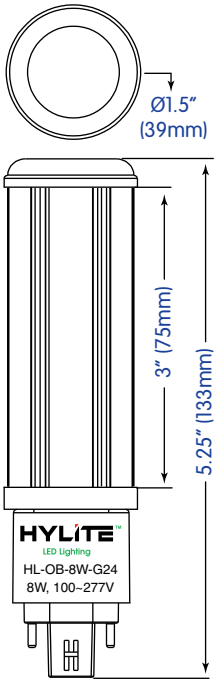
AC Direct **Type B**

The HyLite High Performance LED Omni-Bulb is an ideal Energy-Efficient replacement for CFL & Incandescent Bulb installations in Existing & New Fixtures. The 8W HyLite LED Omni-Bulb provides 360° Energy-Efficient Illumination and replaces 18W/26W CFL Bulbs, effectively reducing Energy Consumption by 56%-69%, and as much as 89% when replacing 75W Incandescent Bulbs. HyLite LED Omni-Bulbs are rated up to 50,000 hours of Lamp Life. This is 50 times longer than a traditional Incandescent Bulb, and 7 times longer than a CFL Bulb. This significantly reduces Energy Usage and Costs as well as Maintenance Expenditures.

- Easy Installation & Retrofitting: Simply Bypass Ballast and Plug-in. Runs on AC Direct Line Voltage. Eliminates Compatibility, Power Loss & Lifetime Issues and Maintenance Costs associated with Ballasts
- Full Brightness with Instant On and Instant Restrike
- Optimal Design for Horizontal or Vertical Mount Sockets
- >80 CRI for Great Visibility
- Suitable for Dry or Damp Location
- Universal Voltage: 100-277V, AC
- Heat & Impact Resistant, UV Protected, Non-Yellowing, Optical Grade Lens
- Excellent Heat Dissipation with Proprietary-Designed Heat Sink
- Cool Operation: Does not add to Heat Load (up to 90% less heat than Incandescent) while producing Brilliantly Bright Light
- Non-Combustible. Made from Flame Retardant, Engineered Polymer, the Base is Mechanically Strong and Heat-Resistant up to 435°F (225°C)
- Safe and Reliable: Isolated Circuit Design
- Maintenance-Free Operation: Lasts up to 50 times longer than Incandescent Bulb. Lowers Costs by Reducing Relamp Frequency
- Safe: Contain No Hazardous Materials; RoHS Compliant: No Lead, Mercury, Toxic Metals or Arsenic Gases. No Disposal Requirements. Facilitates LEED® points
- No Electro-Magnetic (EMi) or Radio Frequency Interference (RFi)
- Environmentally Friendly: 98% of the HyLite LED Lamp is Recyclable

c UL us CLASSIFIED E361357 FC CE Pb lead-free RoHS 2002/95/EC

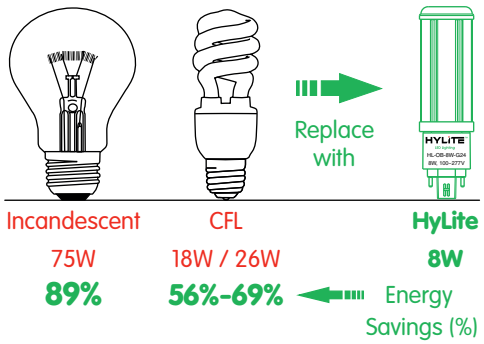




Not Suitable for Enclosed Fixtures

HyLite LED Omni-Bulbs offer a truly universal G24 base - designed to replace both 2-pin and 4-pin G24 bases listed below:

G24d	G24q	Gx24d	Gx24q
G24d-1	G24q-1	Gx24d-2	Gx24q-1
G24d-2	G24q-2	Gx24d-3	Gx24q-2
G24d-3	G24q-3		Gx24q-3
			Gx24q-4



98% RECYCLABLE

NO LEAD, MERCURY, HEAVY METALS OR TOXIC GASES

Universal Burning Positioning

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



Longer Life	Energy Costs	Power	Beam Angle	Lumen Efficacy	No IR/UV, No Noise	No EMi / RFi	Solid State	Reliability	Warranty
Up to 50,000 Hours	kW							✓OK ON OFF x 1.000.000	5 years
Increased Sustainability	Reduction of up to 89%	Low Consumption	360° Illumination	Up to 110 lpw LM-79 Tested	Radiation-Free No Humming	Zero Interference	Vibration and Shock Resistant	LM-80 Tested ISTMT Tested	Reliable and Long-Lasting

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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.

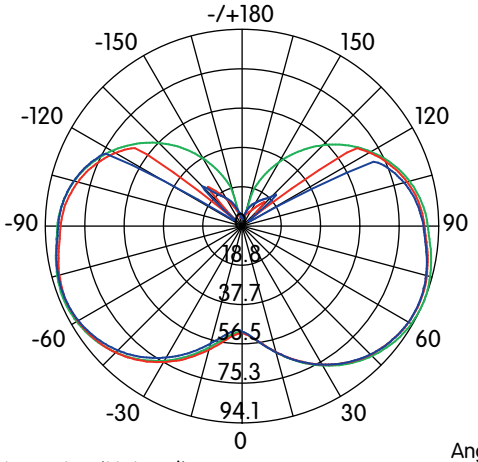
Model No.	Watts	Lumens (lm)	Input Line Current	Dimensions and Weight (each)		
				Width	Height	Net Weight
HL-OB-8W-G24	8	898	65mA@120V	1.5" (39mm)	5.25" (133mm)	3.5 oz. (100g)

- Efficacy: 110 lpw
- CRI: >80
- Beam Angle: 360°
- THD (%): <7%
- Universal Input Voltage 100~277V, AC 50/60 Hz.
- Power Factor: >0.98
- Protection: IP20
- Rated Life: 50,000 Hrs.*
- Warranty: 5 Years
- Ambient Working Temperature: -4°F~+104°F (-20°C~+40°C)
- Base Type: G24
- CCT: 3500K (Neutral White), 4000K (Cool White) and 5000K (DayLight)

** Depending upon the ambient temperature of the installation location*

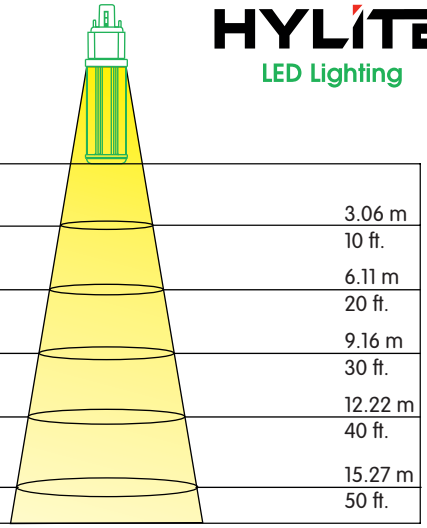
AC Direct | Type B

HyLite Omni-Bulb, HL-OB-8W-G24
Photometrics



Intensity: (Unit, cd)

	Angle [50% Max.]	Angle [10% Max]
C180/360	283.5°	329.6°
C0/180	253.7°	306.6°
C90/270	237.3°	322.0°



Illuminance Distance Curve

Height	Center E (lx/fc)	Angle: 283.50°	Diameter
1 m	50.54 lx		3.06 m
3.3 ft.	4.7 fc		10 ft.
2 m	12.63 lx		6.11 m
6.5 ft.	1.17 fc		20 ft.
3 m	5.62 lx		9.16 m
9.8 ft.	0.52 fc		30 ft.
4 m	3.16 lx		12.22 m
13.1 ft.	0.29 fc		40 ft.
5 m	2.02 lx		15.27 m
16.4 ft.	0.19 fc		50 ft.

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance

Ordering for HyLite 8W LED Omni-Bulb with G24 Base

Model / Base	Nominal Color Temperature (CCT, °K)	
HL-OB-8W-G24	-35K	3500K = Neutral White (NW)
	-40K	4000K = Cool White (CW)
	-50K	5000K = DayLight (DL)

Warning: Disable all Power to the Luminaire. HyLite LED Omni-Bulbs are designed to work off 100V~277V, AC. HyLite 8W LED Omni-Bulbs are not compatible with Electronic Ballasts. Electronic Ballast (if equipped) must be Bypassed or removed from the Luminaire before installing the Lamp. Failure to Follow Instructions will VOID Warranty. It can also result in an Electric Shock, or Fire. NOT FOR TOTALLY ENCLOSED LUMINAIRES OR EMERGENCY LIGHTING. NOT FOR USE WITH DIMMERS.

Warning - Risk of Fire or Electric Shock

- For use in Dry or Damp Locations. Do not use where directly exposed to Liquid, Vapor, Rain or Weather. Non-Submergible (not water tight).
- Operate in Fixtures that provide the free flow of air around the Lamp. 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.
- The Installer must determine and verify whether 120V to 277V AC is being utilized at the Luminaire before Installation. Improper Voltage matching can result in Performance Degradation and/or Physical Damage. These Lamps work on Line Voltage and require all Ballasts and Starters to be Bypassed.
- Wiring modification for HyLite LED Lamp Installation requires knowledge of Luminaire Electrical Systems. If not qualified, DO NOT attempt Installation. Contact a Qualified Electrician.
- Luminaire Wiring, Ballast, or other Electrical Parts may be Damaged when Installing. Always check for enclosed Wiring and Components.
- To prevent Wiring Damage or Abrasion, DO NOT expose Wiring to edges of Sheet Metal or other Sharp Objects.
- DO NOT Make or Alter any Open Holes in an Enclosure for Wiring or Electrical Components during Installation.
- DO NOT Block Light emanating from Product in Whole or Part, as this may Cause an Unsafe Condition.
- Installing Surge/Lightning Protectors is Highly Recommended and helps to Eliminate Premature Driver Failure caused by Surges and other Power Fluctuations.
- The End Retrofit Fixture, once Modified, can No Longer Operate as was Originally Intended.

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