

HYLITE™
LED Lighting

LED
Lotus Lamp™

HyLite High Performance LED Lotus Lamps - Up to 60,000 hour* Rated Design Life. Outstanding Quality of Light with Energy Savings of 90% over Incandescent, 75% over HPS / MH Lamps and 67% over CFL.

400W
MH / HPS
Equivalent

High Performance LED Lotus Lamp, 100W

Designed for Easy Installation in New Fixtures, Existing Luminaires or as a Standalone Fixture, the HyLite LED Lotus Lamp is Suitable for a Wide Variety of Applications. It is available in Multiple Beam Angles for Greater Light Control & Ideal Light Distribution. It Enhances Vision for Better Optical Acuity, reduces Light Pollution, and provides Clean, Crisp Light. The HyLite LED Lotus Lamp offers an Unprecedented Level of Light Output, Efficiency and Energy Savings that is Unmatched in the Industry today.

Suitable for Fully Enclosed Fixtures, its Compact Size makes it an Ideal Retrofit for CFL, MV, HID & HPS Lamps in existing E39/E40 (Mogul) Base Fixtures. With Lamp Life of up to 60,000 hours, the HyLite LED Lotus Lamp Significantly Reduce Energy Consumption and Relamping Costs, consequently decreasing Maintenance and Disposal Costs.

- Versatile - the HyLite LED Lotus Lamp can be used with Direct Wire Connection for, Temporary or Portable Lighting. The Connectors are Water-proof.
- Extremely Efficient: High Lumen Efficacy: 140 LpW
- Multiple Beam Angles for Greater Light Control: 15°, 25°, 40°, & 120° Solutions from Narrow Spots to Wide Floods. Dimmable Models Available.
- Fully Encapsulated: Shatter-proof, High-Shock & High-Vibration Resistant
- High >80 CRI. Crisp Light for Greater Visibility and Safety.
- Easy Installation: No Ballast necessary. Use as a Fixture or as a Direct Retrofit into an existing Socket. Instant Start and Restart: No Warm-up Time required.
- Heat & Impact Resistant, UV Protected, Non-yellowing, Optical Grade Lens
- Cool Operation: Does not add to Heat Load while producing Brilliant Light
- Safe and Reliable: Isolated Circuit Design. Integral 1 kV Surge Suppressor and Protection. Includes a Free 20kA in-line SPD for added Protection.
- Excellent Thermal Management with Proprietary-designed Heat Sink
- No Electro-Magnetic (EMI) or Radio Frequency Interference (RFI)
- Ingress Protection: IP65. Complete protection against Contact, Dust Infiltration and Water Splashes
- 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 Lamp is Recyclable



FREE!
20 kA

In-line Surge Protection Device Included. Additional Protection for your HyLite Lotus Lamp at no Cost!!

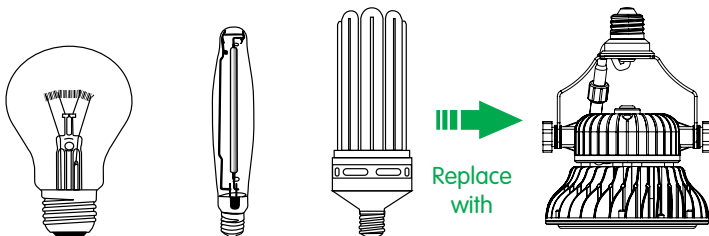
1-10VDC
Dimmable
Model



**Proprietary
& Patented
Design**



Versatile and Adjustable - Use in Multiple Positions, Different Lengths and Various Angles for Directional Lighting



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%!

Beam Angle Even & Uniform	Suitable For Enclosed Luminaires	Low Power & Longer Life Up to 60,000 Hours	Energy Costs Reduction of up to 90%	Solid State Vibration and Shock Resistant	No EMI / RFI Zero Interference	No IR / UV No Noise Radiation-Free No Humming	High Efficacy 140 LpW LM-79 Tested	Reliability ON OFF x 1,000,000 LM-80 Tested ISTMT Tested	Warranty 5 Years Safe and Reliable
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Model No.	Watts	Delivered Lumens	Maximum Install Height	Input Line Current	Base Type	Dimensions & Weight (each)		
						Diameter	Height	Weight
HL-LS-100W-E39-*-**	100	13,589	<32 ft. (10m)	366~820mA	E39/EX39 (Mogul)	8" (200mm)	7.6" (193mm)	2.2 lb. (1kg)

Legend: Dimmable Model = 1-10VDC

Standard Beam Angle: 120°

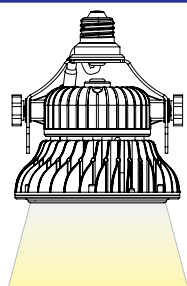
Ordering Information: * -15 (for Spot Beam); -25 (for Narrow Flood Beam); -40 (for Flood Beam); -120 (for Wide Flood Beam)

** - 30K (for 3000°K); - 50K (for 5000°K)

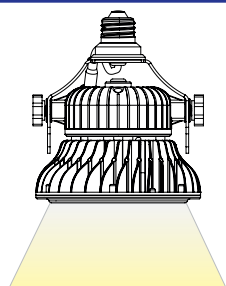
- Minimum Lamp Compartment Dimensions for Enclosed Fixtures: 18" x 18" x 18.5" (463mm x 463mm x 470mm)
- To Prevent early Lamp Failure, Lamp should only be installed in Operating Environments ranging from a Minimum of -40°F (-40°C) to a Maximum of +131°F (+55°C)
- Efficacy: 140 LpW
- Power Factor: >0.9
- Ambient Working Temperature: -40°F~+131°F (-40°C~+55°C)
- 347V, 480V Available with External Step-Down Transformer only. Please see HL-DT-125VA-480-277V Spec. Sheet at: <https://hyliteledlighting.com/resources/specification-sheets/>
- 3000°K and 5000°K Standard CCT. Products with 2400~6500°K (CCT) are available as "Special Orders" only and with Longer Lead Times
- * Depending upon the ambient temperature of the installation location
- CRI: >80
- Protection: IP65
- Standard Beam Angle: 120°
- Rated Life: 50~60,000 Hrs.*
- Dimmable Models Available
- Max. THD (%): <20%
- Warranty: 5 Years
- Universal Input Voltage 100~277V, AC 50/60 Hz.

Multiple Beam Angles for Ideal Light Distribution

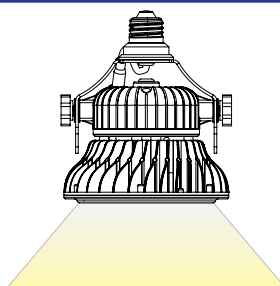
Suitable for
Damp Locations Enclosed Fixtures



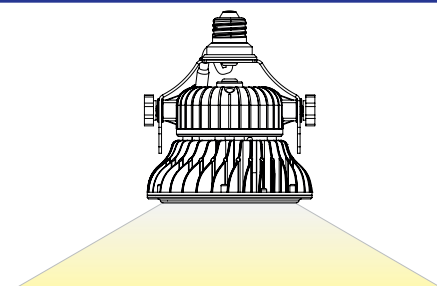
15° - Spot



25° - Narrow Flood



40° - Flood



120° - Wide Flood

Ideal for High-Quality illumination in:

- High Ceilings
- Down Lights
- Decorative Lighting
- Studio Lighting
- Accent Lighting
- Site Lighting
- Track Lighting
- Flood Lighting
- Pendant Lights
- Stage Lighting
- Low & High Bay Lighting
- Freezer & Cold Storage Lights
- Spot Lighting
- Canopy Lights
- Barn Lights



NO
LEAD, MERCURY,
HEAVY METALS
OR TOXIC GASES

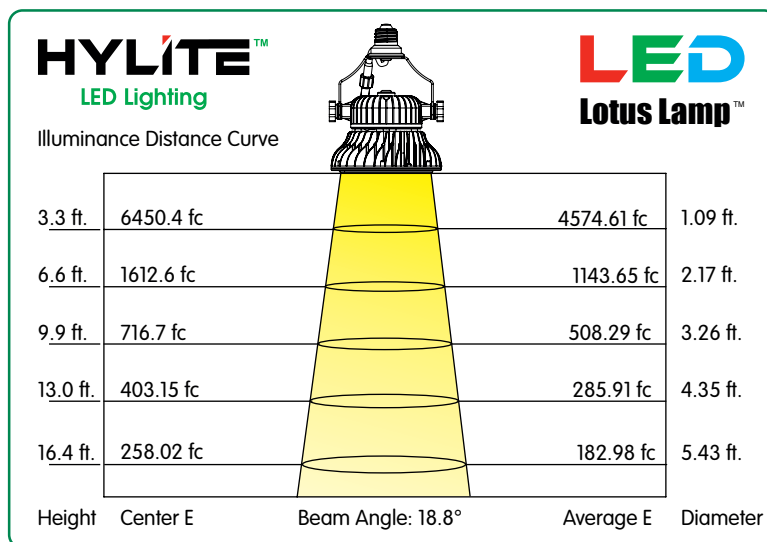


98%
RECYCLABLE

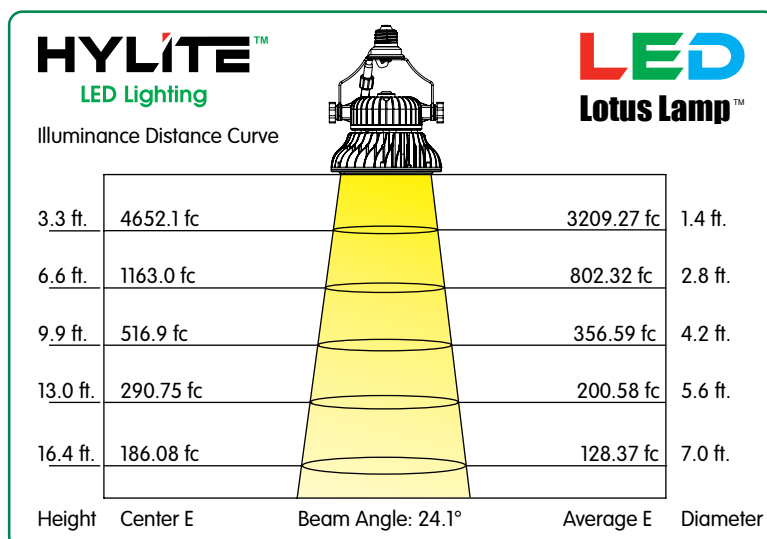


100W LED Lotus Lamp - Beam Angle, Average Illumination Charts

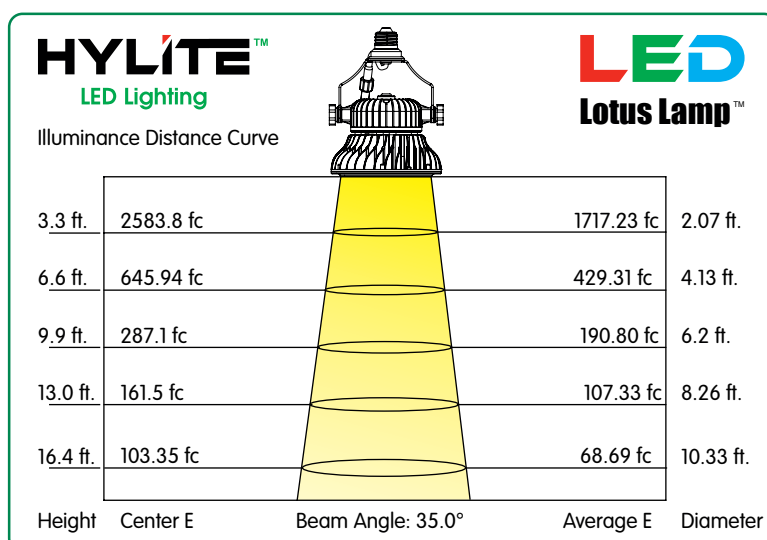
15°



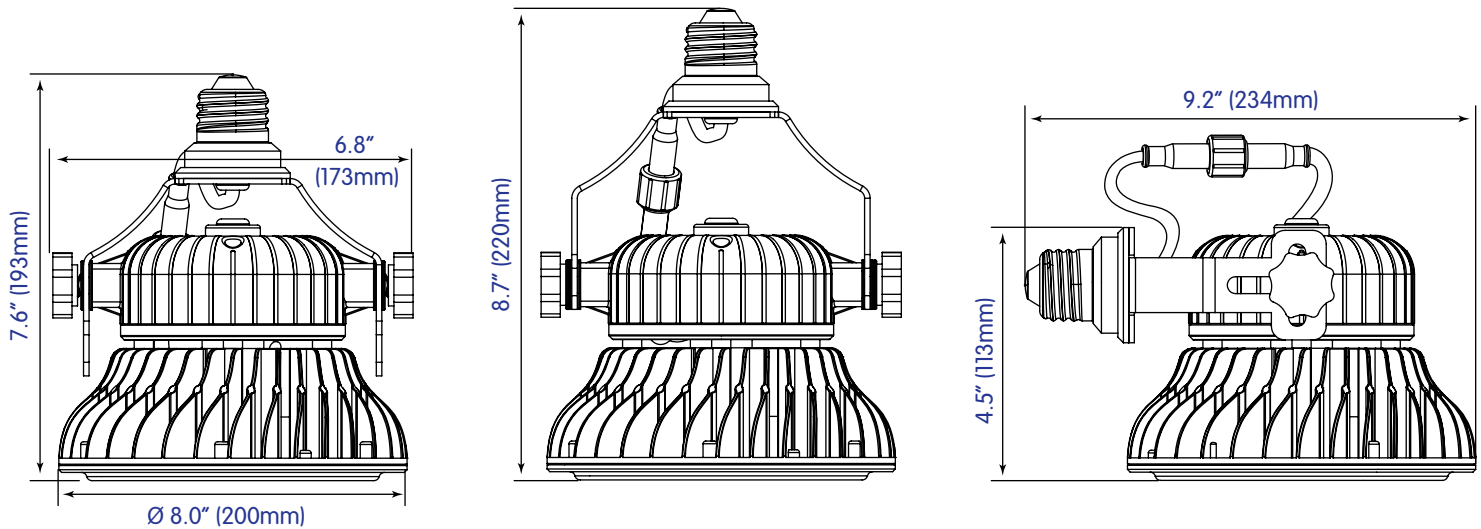
25°



40°



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

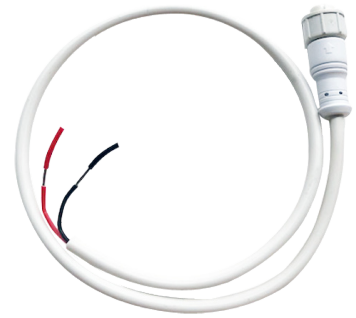


Accessories:



HL-QA-GX16D-LS
GX16D Adapter

HL-LS-WC2
2 Ft. (60cm)
Whip Connector



Installation: HyLite LED Non-Dimmable Lamps are designed to work off 100V to 277V, AC.

Note: The 100W Dimmable Lamp works off an External Dimmable Driver (100-277VAC) with 1-10VDC Dimming.

On either mode - Dimmable or Non-Dimmable, Ballast (if equipped) must be Bypassed or Removed from the Fixture before installing the Lamp. 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. 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!

Minimum Lamp Compartment Size
18" x 18" x 18.5"
(463mm x 463mm x 470mm)

Caution: The Lamp has been provided with a Safety Cable. It is Imperative to Secure Safety Cable to the Lamp and to a Permanent Secure Location for Safety.

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. In Enclosed Fixtures, ensure the Lamp has enough Space for Heat Dissipation. This will ensure Lumen Maintenance and Extend its Working Life. Failure to Follow these Instructions will result in a Damaged Product and will VOID Warranty. When Products are used in Outdoor Fixtures, ensure the Space is Waterproof and Well-Ventilated.
- DO NOT Block Light emanating from Product in Whole or Part, as this may Cause an Unsafe Condition.
- Not intended for use in Emergency Exit Fixtures or 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.