

ULTRA LED™

High Lumen Lamp



The SYLVANIA ULTRA LED high lumen lamp is a self-ballasted medium/mogul base HID replacement lamp. The lamp is easy to install and is ideal for indoor high/low bay lighting and outdoor decorative post top fixtures in walkway lighting applications.

Quality of Light

The SYLVANIA ULTRA LED high lumen lamp provides excellent color rendering (82 CRI) in comparison with traditional high pressure sodium and metal halide lamps, and a selection of color temperatures (2700K, 3000K, 4000K and 5000K).

Optical Design

Optical design efficiently directs light output in a 360° (horizontal) beam angle (or omnidirectional) with Type V distribution.

Key Features & Benefits

- Lasts up to 5 times longer than HID lamps
- Eliminates need for ongoing HID and ballast replacement costs for over 10 years.¹
- Consumes up to 70% less energy than equivalent HID lamps while delivering high light output
- Replacement for 50W-320W HID medium/mogul base applications
- Heat and impact resistant, UV protected, non-yellowing polycarbonate lens/reflector
- Built-in 10kV surge protection
- No warm-up time, instant on with full light output and stable color
- Rated for open and enclosed fixtures
- Suitable for indoor and outdoor applications
- ETL listed for damp locations
- Metal tether for added safety on 50W, 80W and 135W units
- Meets DLC for 80W and 135W lamps

¹ Based on 12 hours/day

Wattage Comparison

Traditional Source	Traditional Lamp Wattage	LED Lamp Wattage	Energy Savings	Energy Savings per Lifetime*
HID Metal Halide	50W	15W	70%	\$193
HID Metal Halide	100W	50W	50%	\$275
HID Metal Halide	175W	80W	55%	\$523
HID Metal Halide	320W	135W	58%	\$1,018

*Energy savings over life of lamp calculated at \$0.11/kWh

Application Information

Applications

- Indoor
 - High bay
 - Low bay
- Outdoor
 - Walkway lighting
 - Decorative post top
 - Bollards

Application Notes

1. Operating temperature range between -40°F and +130°F.
2. Existing HID ballast needs to be bypassed.
3. Verify fixture size before installation to ensure fit.
4. Not suited for outdoor fixtures with air vents.
5. Should not be directly exposed to water/humidity.
6. Suitable for indoor/outdoor use.
7. Can be used in enclosed fixtures.
8. Standard 5 year lamp warranty.
9. Not intended for use in dimming applications.

Specifications and Certifications



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Specifications

Energy Data

Minimum Starting Temp: -40°F
EMI/RFI: FCC Title 47 CFR, Part 15, Class B
Sound Rating: <24dBA
Input Voltage: 120-277V
Power Factor: >0.90

Input Frequency: 60Hz

THD: <20%
Input Power: 15W, 50W, 80W, 135W
Maximum Ambient Operating Temperature: 130°F

Lighting Data

Lumen Output: 1500, 5000, 8000 and 15,000
Lumens per Watt: Up to 111

Color

Correlated Color Temperature (CCT): 2700K, 3000K, 4000K, 5000K
Color Rendering Index (CRI): 82
R9: 15
Product Weight: 2.3 lbs.

Ordering Information

Item Number	Ordering Abbreviation	Wattage	Base Type	Replaces	Input Voltage (V)	Average Rated Life L ₇₀ (hrs)*	CCT	Case Qty	Typical		DLC (Y/N)
									Lumens (lm)	CRI	
74464	LED/HIDR/1500/827	15W	E26 Medium	50W HID	120-277	50,000	2700K	4	1500	80+	N
74038	LED/HIDR/1500/830	15W	E26 Medium	50W HID	120-277	50,000	3000K	4	1500	80+	N
74039	LED/HIDR/1500/840	15W	E26 Medium	50W HID	120-277	50,000	4000K	4	1500	80+	N
74465	LED/HIDR/5000/827	50W	E26 Medium	100W HID	120-277	50,000	2700K	4	5000	80+	N
75156	LED/HIDR/5000/830	50W	E26 Medium	100W HID	120-277	50,000	3000K	4	5000	80+	N
75250	LED/HIDR/5000/840	50W	E26 Medium	100W HID	120-277	50,000	4000K	4	5000	80+	N
75157	LED/HIDR/5000/850	50W	E26 Medium	100W HID	120-277	50,000	5000K	4	5000	80+	N
74040	LED/80/HIDR/8000/830	80W	EX39 Mogul	175W HID	120-277	50,000	3000K	4	8000	80+	Y
74041	LED/80/HIDR/8000/840	80W	EX39 Mogul	175W HID	120-277	50,000	4000K	4	8000	80+	Y
75048	LED/HIDR/15000/830	135W	EX39 Mogul	320W HID	120-277	50,000	3000K	4	15,000	80+	Y
75049	LED/HIDR/15000/840	135W	EX39 Mogul	320W HID	120-277	50,000	4000K	4	15,000	80+	Y
75050	LED/HIDR/15000/850	135W	EX39 Mogul	320W HID	120-277	50,000	5000K	4	15,000	80+	Y
75055	LED/ADAPTOR/MOGULBASE										

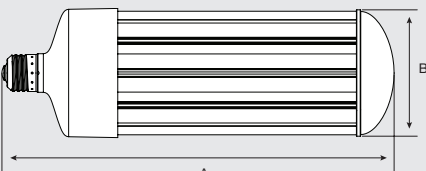
*LED lamp life is defined as the number of hours when 50% of an average group of identical lamps reached 70% of its initial lumens.

Ordering Guide

LED	/	HIDR	/	1500	/	8	30
LED		Product Name HID Replacement		Light Output 1500lm, 5000lm, 8000lm, 15000lm		CRI >80	Color Temperature 2700K, 3000K 4000K, 5000K

Lamp Dimensions

	(A) MOL inches (mm)	(B) Diameter inches (mm)
LED HIDr 5000lm	11.6 (296)	3.2 (82)
LED HIDr 1500lm	6.5 (165)	2.4 (60)
LED HIDr 8000lm	11.8 (301)	5.1 (132)
LED HIDr 15000lm	10.4 (265)	7.9 (200)



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