

ULTRA LED™

High Lumen Lamp



The SYLVANIA ULTRA LED high lumen lamp is a self-ballasted medium 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

- Lumen Package:
 - 1500 lumens @ 15 watts
 - 5000 lumens @ 50 watts
 - 8000 lumens @ 80 watts
 - 15000 lumens @ 135 watts
- Replacement for 50W-250W HID medium base/mogul base applications
- CCT: 2700K, 3000K, 4000K, 5000K
- CRI of 82
- 360° illumination
- 50,000 hour life (L₇₀)
- IP60 rated-suitable for indoor and outdoor applications
- UL1598 Classified for retrofit applications in existing fixtures
- Reduces energy consumption up to 50%
- Type V distribution
- LDL/QVL listed
- Surge protection included per IEEE/ ANSI C136.2-2015 for 10kV/5kA "Enhanced" R option
- Heat and impact resistant, UV protected, non yellowing polycarbonate lens/reflector
- 120-277 input voltage
- Lasts up to 2 times longer than HID lamps
- No warm-up time, instant-on with full light output and stable lamp to lamp color
- Shock resistant-tested to 3G vibration
- Tested up to 130°F ambient temperature within fixture
- ETL listed for damp locations
- Universal burn
- DLC listed (80W and 135W only)

Product Offering

Ordering Abbreviation	Wattage	Lumen Output	Color Temperature	CRI
LED High Lumen	15	1500	2700K, 3000K, 4000K	82
LED High Lumen	50	5000	2700K, 3000K, 4000K, 5000K	82
LED High Lumen	80	8000	3000K, 4000K	82
LED High Lumen	135	15000	3000K, 4000K, 5000K	82

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. For detailed warranty information, please see www.sylvania.com/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 15000
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	Nominal Wattage (W)	Lamp Base	Delivered Light Output (lm)	Color Temperature	CRI	Avg. Rated Life (hrs.)*	DLC (Y/N)
74464	LED/HIDR/1500/827	15	Medium (E26)	1500	2700K	82	50,000	N
74038	LED/HIDR/1500/830	15	Medium (E26)	1500	3000K	82	50,000	N
74039	LED/HIDR/1500/840	15	Medium (E26)	1500	4000K	82	50,000	N
74465	LED/HIDR/5000/827	50	Medium (E26)	5000	2700K	82	50,000	N
75156	LED/HIDR/5000/830	50	Medium (E26)	5000	3000K	82	50,000	N
75250	LED/HIDR/5000/840	50	Medium (E26)	5000	4000K	82	50,000	N
75157	LED/HIDR/5000/850	50	Medium (E26)	5000	5000K	82	50,000	N
74040	LED/80/HIDR/8000/830	80	Mogul (EX39)	8000	3000K	82	50,000	Y
74041	LED/80/HIDR/8000/840	80	Mogul (EX39)	8000	4000K	82	50,000	Y
75048	LED/HIDR/15000/830	135	Mogul (EX39)	15000	3000K	82	50,000	Y
75049	LED/HIDR/15000/840	135	Mogul (EX39)	15000	4000K	82	50,000	Y
75050	LED/HIDR/15000/850	135	Mogul (EX39)	15000	5000K	82	50,000	Y

Mogul Base Adaptor

75055 LED/ADAPTOR/MOGULBASE

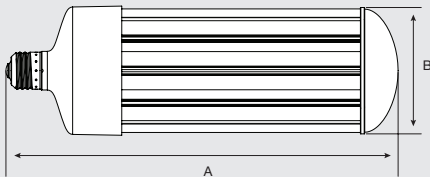
* LED lamp life is defined as the number of hours when 50% of an average group of identical lamps reached 70% of its initial lumens.

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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