SYLVANIA Lamps

ULTRA LED™ High Bay

Application

ULTRA LED High Bay lamps are ideal replacements for HID indoor high bay applications.

Benefits and Features

- Lasts up to 5x longer than HID lamps
- No warm-up time, instant on with full light output and stable color
- Consumes up to 74% less energy than equivalent HID lamps while delivering same light output
- Replacement for 175W 400W HID applications
- Up-lighting for an aesthetic lit appearance in fixtures
- Extendable base up to 50mm for better fixture compatibility
- Up to 140 LPW
- 4000K and 5000K color temperatures
- CRI 80+
- 120° directional beam angle

Electrical

- 120-277Vac
- Power Factor >90%
- 6kV surge protection
- Step dimming capability when paired with optional motion/daylight sensor and remote control

Rated Life

- 50,000 hours (L₇₀)

Warranty

- Standard 5 year lamp warranty

Ambient Operating Range

- -40°F to +122°F (-40°C to +50°C)

Type Project Notes	Item #	
Notes	Туре	
	Project	
	Notes	
Date	Date	



Wattage Comparison

Traditional	Traditional System	LED System	Energy	Energy Savings
Source	Wattage	Wattage	Savings	Over Lamp Life
HID Metal Halide	175W	60W	74%	\$633
HID Metal Halide	250W	80W	73%	\$935
HID Metal Halide	400W	100W	76%	\$1650
HID Metal Halide	400W	120W	69%	\$1540

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

Certifications and Listings

- DLC 5.0 Rated
- FCC
- IP64 Damp Rated
- Lead Free

– cULus

Mercury Free

- RoHS

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undestined operation. Please visit: www.SYLVANIA.com/fccpart15b for more information.

Installation

- Requires easy ballast by-pass
- Lamp operates directly on line voltage, 120-277Vac.













Ordering Guide

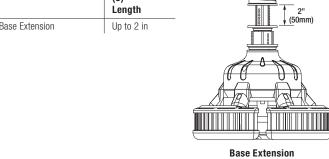
LED	XX	HIBAY	8	XX	MOG	
LED Lamps	Wattage	Lamp Type	CRI	Color Temperature	Base Type	
and Retrofits	60 = 60 Watts	High Bay	8 = 80 +	40 = 4000K	Mogul	
	80 = 80 Watts			50 = 5000K		
	100 = 100 Watts					
	120 = 120 Watts					

Ordering Information

				input	Average	Color	rypicai					
Ordering	Wattage	Base		Voltage	Life	Temperature	Lumens		Power	Case		
Abbreviation	(W)	Type	Replaces	(V)	(hrs)	(CCT)	(lm)	CRI	Factor	Qty	DLC	CEC
LED60HIBAY840MOG 4/CS 1/SKU	60	Mogul	175W HO*	120-277	50,000	4000K	8400	+08	0.9	4	Yes	Yes
LED60HIBAY850MOG 4/CS 1/SKU	60	Mogul	175W HO*	120-277	50,000	5000K	8400	+08	0.9	4	Yes	Yes
LED80HIBAY840MOG 4/CS 1/SKU	80	Mogul	250W	120-277	50,000	4000K	11,200	+08	0.9	4	Yes	Yes
LED80HIBAY850MOG 4/CS 1/SKU	80	Mogul	250W	120-277	50,000	5000K	11,200	+08	0.9	4	Yes	Yes
LED100HIBAY840MOG 4/CS 1/SKU	100	Mogul	400W	120-277	50,000	4000K	14,000	+08	0.9	4	Yes	Yes
LED100HIBAY850MOG 4/CS 1/SKU	100	Mogul	400W	120-277	50,000	5000K	14,000	+08	0.9	4	Yes	Yes
LED120HIBAY840MOG 4/CS 1/SKU	120	Mogul	400W HO*	120-277	50,000	4000K	16,800	+08	0.9	4	Yes	Yes
LED120HIBAY850MOG 4/CS 1/SKU	120	Mogul	400W H0*	120-277	50,000	5000K	16,800	+08	0.9	4	Yes	Yes
	Abbreviation LED60HIBAY840MOG 4/CS 1/SKU LED60HIBAY850MOG 4/CS 1/SKU LED80HIBAY840MOG 4/CS 1/SKU LED80HIBAY850MOG 4/CS 1/SKU LED100HIBAY840MOG 4/CS 1/SKU LED100HIBAY840MOG 4/CS 1/SKU LED100HIBAY840MOG 4/CS 1/SKU LED120HIBAY840MOG 4/CS 1/SKU	Abbreviation (W) LED60HIBAY840M0G 4/CS 1/SKU 60 LED60HIBAY850M0G 4/CS 1/SKU 60 LED80HIBAY840M0G 4/CS 1/SKU 80 LED80HIBAY850M0G 4/CS 1/SKU 80 LED100HIBAY840M0G 4/CS 1/SKU 100 LED100HIBAY850M0G 4/CS 1/SKU 100 LED120HIBAY840M0G 4/CS 1/SKU 120	Abbreviation (W) Type LED60HIBAY840M0G 4/CS 1/SKU 60 Mogul LED60HIBAY850M0G 4/CS 1/SKU 60 Mogul LED80HIBAY840M0G 4/CS 1/SKU 80 Mogul LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul LED120HIBAY840M0G 4/CS 1/SKU 120 Mogul	Abbreviation (W) Type Replaces LED60HIBAY840M0G 4/CS 1/SKU 60 Mogul 175W H0* LED60HIBAY850M0G 4/CS 1/SKU 60 Mogul 175W H0* LED80HIBAY840M0G 4/CS 1/SKU 80 Mogul 250W LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W LED100HIBAY840M0G 4/CS 1/SKU 100 Mogul 400W LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W LED120HIBAY840M0G 4/CS 1/SKU 120 Mogul 400W H0*	Ordering Abbreviation Wattage (W) Base Type Replaces Replaces Voltage (V) LED60HIBAY840M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 LED60HIBAY850M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 LED100HIBAY840M0G 4/CS 1/SKU 100 Mogul 400W 120-277 LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 LED120HIBAY840M0G 4/CS 1/SKU 120 Mogul 400W H0* 120-277	Ordering Abbreviation Wattage (W) Base Type Voltage Replaces Life (V) Life (hrs) LED60HIBAY840M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 LED60HIBAY850M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 LED100HIBAY840M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 LED120HIBAY840M0G 4/CS 1/SKU 120 Mogul 400W H0* 120-277 50,000	Ordering Abbreviation Wattage (W) Base Type Replaces Replaces Voltage (V) Life (hrs) Temperature (CCT) LED60HIBAY840M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 4000K LED60HIBAY850M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 5000K LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 4000K LED100HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 5000K LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 4000K LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 5000K LED120HIBAY840M0G 4/CS 1/SKU 120 Mogul 400W H0* 120-277 50,000 5000K	Ordering Wattage (W) Base Type Replaces Replaces Voltage (V) Life (hrs) Temperature (CCT) Lumens (Im) LED60HIBAY840M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 4000K 8400 LED60HIBAY850M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 5000K 8400 LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 4000K 11,200 LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 5000K 11,200 LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 4000K 14,000 LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 5000K 14,000 LED120HIBAY840M0G 4/CS 1/SKU 120 Mogul 400W H0* 120-277 50,000 4000K 16,800	Ordering Wattage Abbreviation Wattage (W) Base Type Voltage Replaces (V) Life (hrs) Temperature (CCT) Lumens (Im) CRI LED60HIBAY840M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 4000K 8400 80+ LED60HIBAY850M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 5000K 8400 80+ LED80HIBAY840M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 4000K 11,200 80+ LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 5000K 11,200 80+ LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 5000K 14,000 80+ LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 5000K 14,000 80+ LED120HIBAY840M0G 4/CS 1/SKU 120 Mogul 400W H0* 120-277 50,000 5000K 14,000 80+	Ordering Wattage Abbreviation Wattage (W) Base Type Voltage Replaces Life (V) Temperature (LIMP) Lumens (IMP) Power Factor LED60HIBAY840M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 4000K 8400 80+ 0.9 LED60HIBAY850M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 5000K 8400 80+ 0.9 LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 4000K 11,200 80+ 0.9 LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 5000K 11,200 80+ 0.9 LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 4000K 14,000 80+ 0.9 LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 5000K 14,000 80+ 0.9 LED120HIBAY850M0G 4/CS 1/SKU 120 Mogul 400W 120-27	Ordering Wattage Abbreviation Wattage (W) Base Type Voltage Replaces (V) Life (hrs) Temperature (CCT) Lumens (Im) Power Pactor (Dty) LED60HIBAY840M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 4000K 8400 80+ 0.9 4 LED60HIBAY850M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 5000K 8400 80+ 0.9 4 LED80HIBAY840M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 5000K 11,200 80+ 0.9 4 LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 5000K 11,200 80+ 0.9 4 LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 5000K 14,000 80+ 0.9 4 LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 5000K 14,000 80+ 0.9 4	Ordering Wattage Abbreviation Wattage (W) Base (W) Voltage (V) Life (hrs) Temperature (CCT) Lumens (Im) Power Case Case LED60HIBAY840M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 4000K 8400 80+ 0.9 4 Yes LED60HIBAY850M0G 4/CS 1/SKU 60 Mogul 175W H0* 120-277 50,000 5000K 8400 80+ 0.9 4 Yes LED80HIBAY840M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 5000K 11,200 80+ 0.9 4 Yes LED80HIBAY850M0G 4/CS 1/SKU 80 Mogul 250W 120-277 50,000 5000K 11,200 80+ 0.9 4 Yes LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 5000K 11,200 80+ 0.9 4 Yes LED100HIBAY850M0G 4/CS 1/SKU 100 Mogul 400W 120-277 50,000 5000K

^{*}HO refers to a High Output lumen replacement

	(A) Length (in)	(B) Diameter (in)	60W	80W	100W & 120W
60W High Bay	6.8	6.8			
80W High Bay	7.4	7.8			
100W/120W High Bay	7.6	9.0	A B	A B	В —
Base Extension	(C) Length		2" (50mm)		



Additional Specifications

- Should be used in open fixtures only
- Verify fixture size before installation to ensure fit
- Dimming function can only be enabled when the lamp is paired with SYLVANIA motion sensor and remote control (purchased separately)
- Not suitable for outdoor fixtures with air vents
- Should not be directly exposed to water

LEDVANCE LLC 200 Ballardvale Street Wilmington, MA 01887 USA Phone 1-800-LIGHTBULB (1-800-544-4828) www.sylvania.com

SYLVANIA and LEDVANCE are registered trademarks.

All other trademarks are those of their respective owners.

Licensee of product trademark SYLVANIA in general lighting.

Specifications subject to change without notice.





Name:
Email:
Phone:

