

SYLVANIA Lamps

ULTRA LED™ High Lumen Filament Lamp

Application

SYLVANIA High Lumen Filament lamps offer a reliable light source with high efficacy and long life. With up to 158 lumens per watt (LPW) initial efficacy and excellent lumen maintenance, these lamps deliver consistent light levels throughout their long lifetime. Offered in a traditional and familiar ANSI shape with both clear and frosted coatings, they are ideal in retrofitting existing HID fixtures.

Benefits and Features

- Easy to install, these lamps are UL type B and run on direct voltage bypassing old ballasts
- Offered in clear and frosted versions, these lamps leverage the efficacy of LEDs with the traditional filament style
- Unlike traditional technologies, these LED replacements are not bound to single operating positions
- Up to 158 LPW
- 4000K and 5000K color temperatures
- CRI >80
- Offered in 18, 26, 39, 54, and 63 watts
- 300° distribution
- Energy savings up to 82%
- Made of glass for high quality light distribution and superior optics

Electrical

- 120-277VAC
- Power Factor >90%
- THD <20%
- Phase-Cut dimmable (120V operation only)
- 2kV surge protection

Rated Life

- 50,000 hours (L₇₀)*

Warranty

- 5-year
- NLB Trusted Warranty Program

Ambient Operating Range

- -40°F to +140°F (-40°C to +60°C)

*Open fixture with ambient temperature Ta= 25°C (Tc =62°C). Operation in enclosed fixture may reduce life to 25,000hrs.

A21



ED28



ED37



Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings	Energy Savings Over Lamp Life**
HID Metal Halide	50W	18W	64%	\$176
HID Metal Halide	100W	26W	74%	\$407
HID Metal Halide	150W	26W	82%	\$682
HID Metal Halide	150W	39W	74%	\$610
HID Metal Halide	175W	54W	69%	\$665
HID Metal Halide	250W	63W	75%	\$1028

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

Certifications and Listings

- cULus
- RoHS
- FCC
- Lead Free
- Mercury Free
- DLC Standard

Installation

- Requires an easy ballast-bypass and runs on 120-277V
- Suitable for both open and enclosed fixtures

Additional Specifications

- CEC Exempt



LED565R6 5-24



Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide (41356)

LED	26	HIDR	/	CL	8	50	/	MED
Product Technology	Wattage	Replacement Type		Finish	CRI	Color Temperature		Base Type
LED = LED Technology	26 = 26 Watts	HIDr = HID Replacement		CL = Clear	8 = >80	50 = 5000K		MED = Medium Base

Ordering Guide (Others)

LED	XX	XXXX	/	UNV	XX	8	50	/	XXX
Product Technology	Wattage	ANSI Shape		Voltage	Finish	CRI	Color Temperature		Base Type
LED = LED Technology	18 = 18 Watts	A21 = A21 Shape		UNV = 120-277V	CL = Clear	8 = >80	40 = 4000K		MED = Medium Base
	26 = 26 Watts	ED28 = ED28 Shape			FR = Frosted		50 = 5000K		MOG = Mogul Base
	39 = 39 Watts	ED37 = ED37 Shape							
	54 = 54 Watts								
	63 = 63 Watts								

Ordering Information

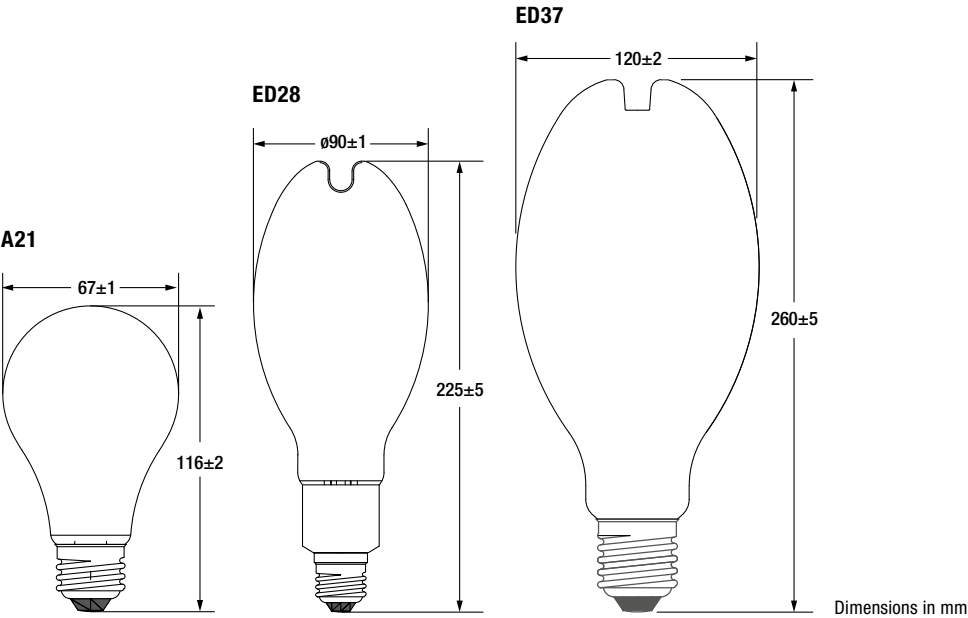
Item Number	Ordering Abbreviation	Power (W)	Input Voltage (V)	Finish	Dimming	CRI	Color Temp. (CCT)	Distribution	Total Fixture Lumens (lm)	LPW	ENERGY STAR®	DLC	Operating Position	ANSI Shape	Base
41915	LED18A21/UNVFR840/MED	18	120-277	Frosted	Phase-Cut	>80	4000K	Omnidirectional	2605	145	Exempt	Exempt	Any	A21	Medium
41916	LED18A21/UNVFR850/MED	18	120-277	Frosted	Phase-Cut	>80	5000K	Omnidirectional	2605	145	Exempt	Exempt	Any	A21	Medium
41917	LED18A21/UNVCL840/MED	18	120-277	Clear	Phase-Cut	>80	4000K	Omnidirectional	2605	145	Exempt	Exempt	Any	A21	Medium
41918	LED18A21/UNVCL850/MED	18	120-277	Clear	Phase-Cut	>80	5000K	Omnidirectional	2605	145	Exempt	Exempt	Any	A21	Medium
41356	LED26HIDR/CL850/MED	26	120-277	Clear	Phase-Cut	>80	5000K	Omnidirectional	4000	153	Exempt	Exempt	Any	ED28	Medium
41746	LED26ED28/UNVFR850/MED	26	120-277	Frosted	Phase-Cut	>80	5000K	Omnidirectional	4000	153	Exempt	Exempt	Any	ED28	Medium
41919	LED26ED28/UNVFR840/MED	26	120-277	Frosted	Phase-Cut	>80	4000K	Omnidirectional	4000	153	Exempt	Exempt	Any	ED28	Medium
41920	LED26ED28/UNVCL840/MED	26	120-277	Clear	Phase-Cut	>80	4000K	Omnidirectional	4000	153	Exempt	Exempt	Any	ED28	Medium
41903	LED39ED28/UNVFR840/MED	39	120-277	Frosted	Phase-Cut	>80	4000K	Omnidirectional	6000	153	Exempt	Exempt	Any	ED28	Medium
41904	LED39ED28/UNVFR850/MED	39	120-277	Frosted	Phase-Cut	>80	5000K	Omnidirectional	6000	153	Exempt	Exempt	Any	ED28	Medium
41905	LED39ED28/UNVCL840/MED	39	120-277	Clear	Phase-Cut	>80	4000K	Omnidirectional	6000	153	Exempt	Exempt	Any	ED28	Medium
41906	LED39ED28/UNVCL850/MED	39	120-277	Clear	Phase-Cut	>80	5000K	Omnidirectional	6000	153	Exempt	Exempt	Any	ED28	Medium
41907	LED54ED37UNVFR840MOG	54	120-277	Frosted	Phase-Cut	>80	4000K	Omnidirectional	8000	148	Exempt	Yes	Any	ED37	Mogul
41908	LED54ED37UNVFR850MOG	54	120-277	Frosted	Phase-Cut	>80	5000K	Omnidirectional	8000	148	Exempt	Yes	Any	ED37	Mogul
41909	LED54ED37UNVCL840MOG	54	120-277	Clear	Phase-Cut	>80	4000K	Omnidirectional	8000	148	Exempt	Yes	Any	ED37	Mogul
41910	LED54ED37UNVCL850MOG	54	120-277	Clear	Phase-Cut	>80	5000K	Omnidirectional	8000	148	Exempt	Yes	Any	ED37	Mogul
41911	LED63ED37UNVFR840MOG	63	120-277	Frosted	Phase-Cut	>80	4000K	Omnidirectional	9500	151	Exempt	Yes	Any	ED37	Mogul
41912	LED63ED37UNVFR850MOG	63	120-277	Frosted	Phase-Cut	>80	5000K	Omnidirectional	9500	151	Exempt	Pending	Any	ED37	Mogul
41913	LED63ED37UNVCL840MOG	63	120-277	Clear	Phase-Cut	>80	4000K	Omnidirectional	10,000	158	Exempt	Pending	Any	ED37	Mogul
41914	LED63ED37UNVCL850MOG	63	120-277	Clear	Phase-Cut	>80	5000K	Omnidirectional	10,000	158	Exempt	Pending	Any	ED37	Mogul

Compatible Dimmers

Manufacturer	Model
Leviton SureSlide	6674
Lutron Caseta	PD-6WCL
Lutron Diva	DVCL-153P
Lutron Diva	DVELV-300P
Lutron Maestro C-L	MACL-153M
Lutron Maestro	MAELV-600

Physical Information

	(A) Length in (mm)	(B) Diameter in (mm)
A21	4.6 (116)	2.6 (67)
ED28	8.9 (225)	3.5 (90)
ED37	10.2 (259)	4.7 (119)



Accessory Information

Item Number	Ordering Abbreviation	Item Description
75055	LEDADAPTORMOGULBASE	Allows for medium base bulbs to be used in mogul base applications



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