

# ULTRA LED A-line Lamps Omnidirectional



Rated up to 25,000 hours at 70% lumen maintenance, SYLVANIA ULTRA LED A-line omnidirectional lamps offer years of service and reduce energy and maintenance costs. SYLVANIA ULTRA LED lamps are environmentally preferred products. They are RoHS compliant and contain no mercury, lead or other hazardous materials. They emit no UV or IR radiation. A CRI of 80 ensures good color definition and with warm white 2700K CCT, these lamps can be used in many applications in both homes and businesses.

## Key Features & Benefits

- Dimmable down to 10%\*
- Long life: up to 25,000 hours (L<sub>70</sub>)
- UV and IR free
- Mercury and lead free
- RoHS compliant
- Available in 2700K color temperature
- Suitable for indoor environments only
- Reduces energy consumption up to 82%
- Last up to 33 times longer than incandescent lamps
- No warm-up time, instant-on with full light output and stable color

\* Performance may vary depending on dimmer used in application. Please refer to Dimmer Compatibility List (RETRO-DIM) for a list of compatible dimmers or visit [www.SYLVANIA.com/LEDRetrofit](http://www.SYLVANIA.com/LEDRetrofit)



This light source meets restrict on hazardous substances.

## Product Offering

Ordering Abbreviation	Wattage	Color Temperature	Typical Lumens
LED8A19/DIM/O/827	8	2700K	470
LED12A19/DIM//O/827	12	2700K	820
LED14A19/DIM/O/827	14	2700K	1100
LED20A21/DIM/O/827	20	2700K	1675

## Application Information

### Applications

- Downlights
- Pendant fixtures
- Table lamps
- Wall sconces

### Market Segments

- Healthcare
- Hospitality
- Residential
- Retail

### Application Notes

1. Operating temperature range between -20°C and +45°C (-4°F and + 113°F)
2. Not for use with emergency light fixtures or exit lights
3. Use in open fixture
4. Suitable for indoor use

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 undesired operation. For FCC Part 15 user information, please see [www.sylvania.com/fcc15b](http://www.sylvania.com/fcc15b).



## Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

## Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Base Type	Replaces	Input Voltage (V)	Average Rated Life (hrs.) <sup>1</sup>	CCT <sup>3</sup>	Typical Lumens (lm) <sup>2</sup>	CRI <sup>4</sup>	Power Factor	Bulb Finish	ENERGY STAR <sup>®</sup>
78935	LED8A19/DIM/O/827	8	Medium	40WA19	120	25,000	2700K	470	80	.95	Frosted	Yes
78907	LED12A19/DIM/O/827	12	Medium	60WA19	120	25,000	2700K	820	80	.95	Frosted	Yes
78911	LED14A19/DIM/O/827	14	Medium	75WA19	120	25,000	2700K	1100	80	.98	Frosted	No
78951	LED20A21/DIM/O/827	20	Medium	100WA19	120	25,000	2700K	1675	81	.98	Frosted	No

OSRAM SYLVANIA submits most lamps for ENERGY STAR testing. Early qualification for ENERGY STAR lamps begin at 25,000 hours (L<sub>70</sub>) regardless that the design of the lamp is manufactured for a greater life expectancy. As the lamps pass ENERGY STAR qualifications, manufacturers are able to increase rated life as dictated by ENERGY STAR guidelines becoming either provisionally qualified or fully qualified. Please visit [ENERGYSTAR.gov](http://ENERGYSTAR.gov) for more information about testing requirements for ENERGY STAR qualified products.

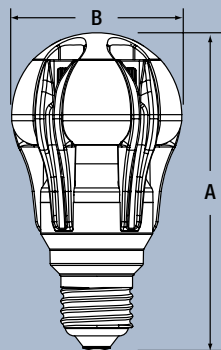
1. Hours lifetime with 70% (L<sub>70</sub>) lumen maintenance    2. Thermally stable typical lumens (±10%)  
 3. Thermally stable typical CCT (±10%)    4. CRI – Color Rendering Index

## Ordering Guide

<b>LED</b>	<b>8</b>	<b>A19</b>	<b>/</b>	<b>DIM</b>	<b>/</b>	<b>0</b>	<b>/</b>	<b>827</b>
LED Lamps	Wattage: 8	Lamp Type: A19/A21		Dimmable		Omnidirectional		CRI, CCT: 827: 80+ CRI, 2700K CCT

## Lamp Dimensions

	(A) MOL (inches)	(B) Diameter (inches)
LED8A19	4.42	2.44
LED12A19	4.42	2.44
LED14A19	4.42	2.44
LED20A21	5.29	2.99



## Energy Savings

Basic Product Description	LED Life (hrs.)	LED Lumens	Similar Incandescent	Incandescent Lumens	Incandescent Life (hrs.)	Watts Saved	Energy Savings*	LED Life vs. Incandescent
LED8A19	25,000	470	40W A19	465	1500	32	\$ 88.00	>16x
LED12A19	25,000	820	60W A19	850	1000	48	\$132.00	25x
LED14A19	25,000	1100	75W A19	1170	750	61	\$167.75	>33x
LED20A21	25,000	1625	100W A19	1690	750	80	\$220.00	> 33x

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

**LED lighting facts**<sup>®</sup>  
A Program of the U.S. DOE

**Light Output (Lumens) 470**  
**Watts 8**  
**Lumens per Watt (Efficacy) 59**

**Color Accuracy**  
Color Rendering Index (CRI) **80**

**Light Color**  
Correlated Color Temperature (CCT) **2700 (Warm White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: 5BZT-2TR6HE (3/15/2012)  
Model Number: LED8A19/DIM/O/S27; LED8A19/DIM/O/S27/HVP; LED8A19/DIM/O/S27/HV  
Type: Replacement lamp - Omnidirectional (A Lamp)

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**Light Output (Lumens) 820**  
**Watts 12**  
**Lumens per Watt (Efficacy) 68**

**Color Accuracy**  
Color Rendering Index (CRI) **80**

**Light Color**  
Correlated Color Temperature (CCT) **2700 (Warm White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: 5BZT-DKRR06 (2/6/2012)  
Model Number: LED12A19/DIM/O/S27/HVP; LED12A19/DIM/O/S27/HVP; LED12A19/DIM/O/S27/HV  
Type: Replacement lamp - Omnidirectional (A Lamp)

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**Light Output (Lumens) 1100**  
**Watts 14**  
**Lumens per Watt (Efficacy) 79**

**Color Accuracy**  
Color Rendering Index (CRI) **80**

**Light Color**  
Correlated Color Temperature (CCT) **2700 (Warm White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: 5BZT-WK1XGP (4/24/2012)  
Model Number: LED14A19/DIM/O/S27  
Type: Replacement lamp - Omnidirectional (A Lamp)

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**Light Output (Lumens) 1675**  
**Watts 20**  
**Lumens per Watt (Efficacy) 83**

**Color Accuracy**  
Color Rendering Index (CRI) **81**

**Light Color**  
Correlated Color Temperature (CCT) **2700 (Warm White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

**Warranty\*\* Yes**

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

\*\* See [www.lightingfacts.com/products](http://www.lightingfacts.com/products) for details.

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