

LED A-line Lamps



LED technology reduces energy and maintenance costs when compared with conventional light sources. Lasting 16 times longer and with only 8 watts, LED A19 retrofit lamps are high quality replacements for 40W incandescent lamps. These lamps offer high color quality with enhanced red and skin tone rendering. They are free of UV and IR radiation minimizing discoloration and fading of materials. These lamps are available in 3000K CCT.

Key Features & Benefits

- A high quality replacement of 40W A19 incandescent lamps
- Reduces energy consumption up to 80%
- Lasts 16 times longer than incandescent lamps
- Typical 82 CRI with enhanced deep red and skin tone rendering
- No warm-up time, instant-on with full light output and stable color
- 25,000 hours life at 70% lumen maintenance
- Available in 3000K CCT
- 120V AC input voltage, 60 Hz
- Medium base for direct replacement
- Mercury free
- UV and IR free
- RoHS compliant

Product Offering

Lamp Type	Wattage (W)	Bulb Type	Color Temperature
LED8A/F/830/350	8	A19	3000K

Application Information

Applications

- Healthcare
- Homes
- Hospital rooms
- Hotels
- Restaurants

Application Notes

1. Operating temperature range between -4°F and 104°F (-20°C and 40°C)
2. For use in dry indoor environments and open fixtures only
3. UL1993 Listed
4. Not suitable for dimming applications
5. Not intended for use with emergency light fixtures or exit lights
6. For use in fixtures that can structurally support a lamp weighing 1/2 pound



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	Date

Ordering Information

Item Number	Ordering Abbreviation	Nominal Wattage	Bulb Type	Nominal Voltage (VAC)	Average Rated Life (hr.) ¹	Initial Lumens (lm) ²	CCT ³	CRI	Deep Red R9	Skin Tone R13	Bulb Finish
78598	LED8A/F/830/350	8	A19	120	25,000	350	3000K	82	23	81	Frosted white

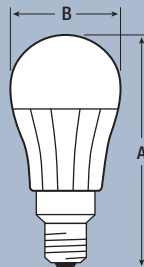
- Hours lifetime with 70% lumen maintenance
- Thermally stable typical initial lumens ($\pm 10\%$)
- Thermally stable typical CCT ($\pm 10\%$)

Ordering Guide

LED	8	A	/	F	/	830	/	350
LED Lamps and Retrofits	Wattage: 8W	Bulb Shape: A19		Frosted Enclosure (White)		CRI, CCT 830: 80+ CRI, 3000K CCT		Initial Lumens 350 lm

Lamp Dimensions

	(A) MOL (inches)	(B) Diameter (inches)
LED8A/F/830/350	4.4	2.2



Energy Savings

Item Number	LED Life (hr.)	Similar Incandescent	Incandescent Life (hrs.)	Incandescent Lumens	Watts Saved	Energy Savings*	LED Life vs. Incandescent
LED8A/F/830	25,000	40A	1,500	350	32	\$80	16.6x

*Energy savings over life of lamp calculated at \$0.10/kWh

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lighting facts^{CM}

A Program of the U.S. DOE

Light Output (Lumens)	350
Watts	8
Lumens per Watt (Efficacy)	44
Color Accuracy Color Rendering Index (CRI)	82
Light Color Correlated Color Temperature (CCT)	3000 (Bright White)

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 for the Label Reference Guide.

Registration Number: 5BZT-TRE7W4
Model Number: LED8A19 (all variations)
Type: Replacement lamps



Global Care represents OSRAM SYLVANIA's commitment to environmental and social responsibility.

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