

# LED™ Rough Service Lamps



## Features & Benefits

- Available in 3000K and 4100K color temperatures (60W equivalent) and 3000K (100W equivalent)
- Shatter and vibration resistant
- Suitable for indoor and outdoor damp locations
- Suitable for use in totally enclosed fixtures
- Rated life up to 11,000 hours (L<sub>70</sub>)
- Lasts up to 10 times longer than incandescent lamps
- No warm up time, instant on with full light output and stable color



## Product Features

SYLVANIA LED Rough Service Lamps are designed to withstand rough handling and shock. The lamps' shatter-resistant design makes them resistant to the effects of shock, vibrations, and impact, allowing them to withstand conditions that would cause failure in normal incandescent bulbs. The LED Rough Service lamps work like normal light bulbs and can fit into any regular lamp socket, making them perfect for even the most demanding industrial and commercial applications, including service lamps, shop lights, inspection lamps, and automatic garage door lights.

The LED Rough Service lamps use only 8.5W and 14W and have a long life of 11,000 hours (L<sub>70</sub>), making them versatile, energy-efficient options compared to traditional incandescent bulbs.

## Product Offering

Ordering Abbreviation	Wattage	Color Temperature	Typical Lumens
LED8.5A19	8.5	3000K, 4100K	800
LED14A19	14	3000K	1500

## Application Information

### Applications

- Inspection lamps
- Garage door lamps
- Shop lights
- Task lights

### Warranty

- 3-year
- NLB Trusted Warranty Program

### Application Notes

1. Operating temperature range between -20°C and +40°C (-4°F and +104°F)
2. Not for use with emergency light fixtures or exit lights
3. Suitable for damp locations – not for use where directly exposed to water
4. Not intended for use with dimmers



Catalog #	Type
Project	
Comments	
Prepared by	

## Ordering Information

Item Number	Ordering Abbreviation	Input Wattage (W)	Bulb Shape	Base Type	Replaces	Input Voltage (V)	Avg Rated Life (hrs)	CCT	Typical Lumens (lm)	CRI	Bulb Finish	ENERGY STAR®
40221	LED8.5A19/F/830/10YV/RS/RP	8.5	A19	E26	60W	120	11,000	3000K	800	80	Frosted	N/A
40212	LED8.5A19/F/841/10YV/RS/RP2	8.5	A19	E26	60W	120	11,000	4100K	800	80	Frosted	N/A
40222	LED14A19/F/830/10YV/RS/RP	14	A19	E26	100W	120	11,000	3000K	1500	80	Frosted	N/A

## Ordering Guide

LED	8.5	A19	/	F	/	8	XX	/	10YV	/	RS	/	RP
LED Lamps	Wattage	Lamp Type		Frosted		CRI = 80	CCT 30 = 3000K 41 = 4100K		11,000 hours life		Rough Service		Retail Packaging

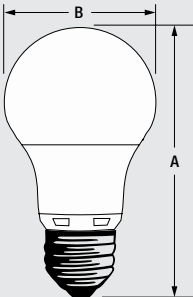
## Energy Savings

Basic Product Description	LED Life (hrs.)	LED Lumens	Similar Incandescent	Incandescent Life (hrs.)	Watts Saved	Energy Savings*	LED Life vs. Incandescent
LED8.5A19	11,000	800	60W	1000	51.5	\$62.31	11x
LED14A19	11,000	1500	100W	750	51.5	\$104.06	14.6x

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

## Lamp Dimensions

	(A) MOL inches (mm)	(B) Diameter inches (mm)
LED8.5A19	4.4 (112)	2.36 (60)
LED14A19	4.3 (109)	2.36 (60)



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