

BR30 and R20 LED Lamps



Key Features & Benefits

- Dimmable down to 10%
- Long life up to 25,000 hours (L₇₀)
- Indoor and outdoor rated
- Warm 2700K color temperature
- Good color quality
- Lightweight
- Energy savings up to 88%
- Longer life than traditional incandescent lamps
- No warm-up time, instant on with full light output and stable color
- Smooth heat sink design

* 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



Rated up to 25,000 hours at 70% lumen maintenance, the SYLVANIA BR30 and R20 LED bulbous reflector lamps offer years of service and reduced energy and maintenance costs. These lamps offer greater energy savings up to 88% in comparison to traditional incandescent lamps. The 80+ CRI ensures greater color definition and can be used in many applications, both home and business. They are available in a warm 2700K color temperature. SYLVANIA LED lamps are environmentally preferred products. They are RoHS compliant, contain no mercury, lead or other hazardous materials. They emit no UV or IR radiation that can cause fading and discoloration of fabric or artwork.

Product Offering

Ordering Abbreviation	Wattage	Typical Lumens	Color Temperature
R20 LED	5	325	2700K
BR30 LED	9	650	2700K

Application Information

Applications

- General lighting
- Recessed downlights
- Track lighting
- Wall washer

Market Segments

- Art galleries
- Hospitality
- Museums
- Offices
- Residential
- Restaurants
- Retail

Application Notes

1. Operating temperature -4°F to +104°F (-20°C to +40°C)
2. Not for use with emergency light fixtures or exit lights
3. Use in open fixture
4. Suitable for outdoor use in UL rated fixtures where protected from the weather

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



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.) ¹	CCT ³	Typical Lumens (lm) ²	CRI ⁴	Power Factor	ENERGY STAR [®]
78694	LED5R20/DIM/827	5	Medium	45R20	120	25,000	2700K	325	80	0.9	No
78691	LED9BR30/DIM/827	9	Medium	65BR30	120	25,000	2700K	650	80	0.9	No

- Hours lifetime with 70% lumen maintenance
- Thermally stable typical lumens ($\pm 10\%$)
- Thermally stable typical CCT ($\pm 10\%$)
- CRI – Color Rendering Index

OSRAM SYLVANIA submits most lamps for ENERGY STAR testing. Early qualification for ENERGY STAR lamps begin at 25,000 hours (L_{70}) 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 for more information about testing requirements for ENERGY STAR qualified products.

Ordering Guide

LED	5	R20	/	DIM	/	8	27
LED Lamps and Retrofits	Wattage: 5, 9	Lamp Type: R20 BR30		Dimmable		CRI=80	Color Temperature 2700K

Energy Savings

Basic Product Description	LED Life (hrs.)	Similar Incandescent	Incandescent Lumens	Watts Saved	Energy Savings	LED Life vs. Incandescent
LED 5W R20	25,000	45R20	330	40	\$110.00	10x
LED 9W BR30	25,000	65BR30	610	56	\$154.00	10x

Lamp Dimensions

	(A) MOL (inches)	(B) Diameter (inches)
LED R20	3.58	2.52
LED BR30	4.98	3.74

The image shows two technical drawings of LED lamps. The R20 lamp is shown with a height dimension 'A' and a diameter dimension 'B'. The BR30 lamp is shown with a height dimension 'A' and a diameter dimension 'B'. The drawings illustrate the physical dimensions of the lamps as specified in the table.

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