

ULTRA LED BR Lamps



Key Features & Benefits

- Dimmable down to 10%*
- Available in 2700K color temperature
- Long life up to 25,000 hours (L₇₀)
- UV and IR free
- Mercury and lead free
- RoHS compliant

* 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/LED Retrofit



Rated up to 25,000 hours at 70% lumen maintenance, SYLVANIA ULTRA LED BR lamps offer years of service and reduce energy and maintenance costs. 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. The 80 CRI ensures greater color definition and can be used in many applications, both homes and businesses.

Product Offering

Ordering Abbreviation	Wattage	Color Temperature
LED14BR30/DIM/827/NS	14	2700K
LED18BR40/DIM/827	18	2700K

Application Information

Applications

- General lighting
- Recessed downlights
- Track lighting
- Wall washers

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. Use in fixtures that support a half pound lamp
3. Not for use with emergency light fixtures or exit lights
4. Use in open fixture
5. 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	R9	Power Factor	Bulb Finish	ENERGY STAR
78809*	LED14BR30/DIM/827/NS	14	Medium	65WBR30	120	25,000	2700K	800	80	11	.79	Frosted White	Yes
78810	LED18BR40/DIM/827	18	Medium	65WBR40	120	25,000	2700K	870	80	–	.79	Frosted White	No

OSRAM SYLVANIA submits most lamps for ENERGY STAR testing. Early qualification for ENERGY STAR lamps begin at 25,000 hours (L₇₀) 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.

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

Ordering Guide

LED	14	BR30	/	DIM	/	8	27	/	NS
LED Lamps and Retrofits	Wattage: 14, 18	Lamp Type: BR30 BR40		Dimmable		CRI=80	Color Temperature 2700K		Non-Standard

Energy Savings

Basic Product Description	LED Life (hrs.)	Similar Incandescent	Incandescent Life (hrs.)	Incandescent Lumens	Watts Saved	Energy Savings*	LED Life vs. Incandescent
LED14BR30	25,000	65BR30	2,000	620	50	\$137	12x
LED18BR40	25,000	65BR40	2,000	580	47	\$129	12x

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

Lamp Dimensions

	(A) MOL (inches)	(B) Diameter (inches)
LED15BR30	5.3	3.7
LED18BR40	6.2	5.0

