

ULTRA SE™ BR LED Lamps



Sunset Effect Color Temperature Dimming



Key Features & Benefits

- Reduction in color temperature from 3000K to 2000K as lamp dims
- Dimmable down to 10%*
- Long life: up to 25,000 hours (L70)
- Power factor >.95
- UV and IR free
- Mercury and lead free
- Good color consistency within a 4-step MacAdam ellipse
- Suitable for damp locations
- Reduction in energy consumption up to 86%
- Lasts up to 25 times longer than halogen and incandescent lamps
- No warm-up time, instant-on with full light 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



SYLVANIA ULTRA SE LED lamps allow control of energy usage, light output and color temperature. These lamps offer dimming characteristics similar to incandescent lamps with color temperature shifting from 3000K to 2000K as the lamp dims. The warmer color temperature at lower light levels allows you to create a comfortable, relaxing environment ideal for hospitality applications. ULTRA SE LED lamps are dimmable down to 10% on compatible phase-cut dimmers and the perfect lamps when you need to change the environment from a bright white light to warm and cozy.

Product Offering

Product Description	Wattage	Color Temperature
LEDR20	7	3000K
LEDBR30	11	3000K
LEDBR40	15	3000K

Application Information

Applications

- Recessed downlighting
- Track lighting
- Wall washing

Market Segments

- Art galleries and museums
- Healthcare
- Hospitality
- Offices
- Residential
- Restaurants
- Retail

Application Notes

1. Operating temperatures -4°F and 104°F (-20°C and 40°C)
2. Suitable for outdoor use when used in a UL rated fixture where protected from the weather
3. Use in a fixture that supports a 2 lb. lamp
4. Not for use with emergency lighting
5. Use in open fixtures

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.



Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Base Type	Replaces	Input Voltage (VAc)	Average Rated Life (hrs.) ¹	CCT ³	Typical Lumens (lm) ²	CRI ⁴	Power Factor	ENERGY STAR [®]
79638	LED7R20/DIM/SE/830/G2/RP	7	Medium	50W Incan.	120	25,000	3000K	525	81	.96	Yes
79640	LED11BR30/DIM/SE/830/G2/RP	11	Medium	65W Incan.	120	25,000	3000K	800	81	.97	Yes
79642	LED15BR40/DIM/SE/830/G2/RP	15	Medium	85W Incan.	120	25,000	3000K	1100	81	.97	Yes

OSRAM SYLVANIA submits most lamps for ENERGY STAR testing. Early qualification for ENERGY STAR lamps begin at 25,000 hours (L70) for all lamps, despite longer life design which can be up to 50,000 hours (L70). As lamps complete longer life ENERGY STAR testing, they carry the ENERGY STAR logo with longer life ratings. 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	7	R20	/	DIM	/	0	/	SE™	/	8	30	/	RP
LED Lamps	Wattage 7, 11, 15	Lamp Type R20, BR30, BR40	/	Dimmable	/	Omnidirectional	/	Sunset Effects	/	CRI >80	Color Temperature 3000K	/	Retail Pack

Energy Savings

Basic Product Description	LED Life (hrs.)	Similar Halogen/Incan. Halogen/Incan.	Halogen/Incan. Life (hrs.)	Watts Saved	Energy Savings*	LED Life vs. Halogen Life
LED7R20/SE	25,000	50WR20	2,000	43	\$118.25	12.5x
LED11BR30/SE	25,000	65WBR30	2,000	54	\$148.50	12.5x
LED15BR40/SE	25,000	85WBR40	2,000	70	\$192.50	12.5x

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

Lamp Dimensions

	(A) MOL (inches)	(B) Diameter (inches)
LED7R20	3.81	2.48
LED11BR30	5.31	3.74
LED15BR40	6.37	4.88

BR40/BR30/R20

Sample Specification

Lamps shall be SYLVANIA ULTRA SE™ LED lamp with 25,000 hour average rated life. Lamp shall be energy efficient and UV and IR free.

OSRAM

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