

ULTRA PAR LED Lamps



Key Features & Benefits

- Sleek, lightweight design
- Up to 65 LPW
- Dimmable down to 10%*
- Long life up to 25,000 hours (L₇₀)
- Indoor and outdoor rated
- Color temperature available in 2700K, 3000K and 5000K
- CRI >82
- Energy savings up to 84%
- Longer life than traditional halogen lamps
- Available in damp and wet rated
- No warm-up time, instant on with full light output 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



With greater energy efficiency and high power factor, our ULTRA PAR LED lamps are available in 2700K, 3000K and 5000K color temperatures. Replacements for 50, 60, 75 and 90 watt halogen lamps providing up to 84% energy savings and longer life up to 25,000 hours (L₇₀). These lamps can be used in many applications. ULTRA 14W and 17W PAR38 lamps are wet rated and perfect for outdoor applications. All lamps are RoHS compliant, contain no mercury, lead or other hazardous materials and emit no UV or IR radiation.

Product Offering

Ordering Abbreviation	Wattage	Beam Angle	Color Temperature	CRI
LED PAR20	8	25° & 40°	2700K, 3000K & 5000K	82, 84
LED PAR30LN	13	25° & 40°	2700K, 3000K & 5000K	82, 84
LED PAR38	16	25° & 40°	2700K, 3000K & 5000K	82, 84
LED PAR38	14, 17	40°	3000K & 5000K	82, 84

Application Information

Applications

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

Market Segments

- Hospitality
- Offices
- Property management
- Residential
- Restaurants
- Retail
- Schools

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
6. Suitable for wet locations - PAR38 14W and 17W only

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	Beam Angle	CBCP	Average Rated Life (hrs.) ¹	CCT ²	CRI ³	Typical Lumens (lm) ⁴	Power Factor
78992	LED8PAR20/DIM/827/NFL25/G3	8	Med	50W	25°	1500 cd	25,000	2700K	82	450	0.95
78994	LED8PAR20/DIM/827/FL40/G3	8	Med	60W	40°	830 cd	25,000	2700K	82	450	0.95
78988	LED8PAR20/DIM/830/NFL25/G3	8	Med	60W	25°	2000 cd	25,000	3000K	82	475	0.95
78990	LED8PAR20/DIM/830/FL40/G3	8	Med	60W	40°	960 cd	25,000	3000K	82	475	0.95
78871	LED8PAR20/DIM/850/NFL25/G3	8	Med	60W	25°	1680 cd	25,000	5000K	84	500	0.95
78873	LED8PAR20/DIM/850/FL40/G3	8	Med	60W	40°	1000 cd	25,000	5000K	84	500	0.95
78791	LED13PAR30LN/DIM/827/NFL25/G3	13	Med	75W	25°	3600 cd	25,000	2700K	82	800	0.95
78814	LED13PAR30LN/DIM/827/FL40/G3	13	Med	75W	40°	1500 cd	25,000	2700K	82	800	0.95
78787	LED13PAR30LN/DIM/830/NFL25/G3	13	Med	75W	25°	3600 cd	25,000	3000K	82	850	0.95
78789	LED13PAR30LN/DIM/830/FL40/G3	13	Med	75W	40°	1470 cd	25,000	3000K	82	850	0.95
78864	LED13PAR30LN/DIM/850/NFL25/G3	13	Med	75W	25°	3800 cd	25,000	5000K	84	850	0.95
78877	LED13PAR30LN/DIM/850/FL40/G3	13	Med	75W	40°	1470 cd	25,000	5000K	84	850	0.95
78441	LED14PAR38/DIM/830/FL40/W	14	Med	90W	40°	1750 cd	25,000	3000K	82	1050	0.95
78447	LED14PAR38/DIM850/FL40/W	14	Med	90W	40°	1750 cd	25,000	5000K	84	1050	0.95
78442	LED16PAR38/DIM/827/NFL25/G3	16	Med	90W	25°	4500 cd	25,000	2700K	82	1000	0.95
78444	LED16PAR38/DIM/827/FL40/G3	16	Med	90W	40°	1750 cd	25,000	2700K	82	1000	0.95
78474	LED16PAR38/DIM/830/NFL25/G3	16	Med	90W	25°	4500 cd	25,000	3000K	82	1050	0.95
78440	LED16PAR38/DIM/830/FL40/G3	16	Med	90W	40°	1750 cd	25,000	3000K	82	1050	0.95
78448	LED16PAR38/DIM/850/NFL25/G3	16	Med	90W	25°	4500 cd	25,000	5000K	84	1050	0.95
78446	LED16PAR38/DIM/850/FL40/G3	16	Med	90W	40°	1750 cd	25,000	5000K	84	1050	0.95
75171	LED17PAR38/DIM/830/FL40/W	17	Med	90W	40°	2500 cd	25,000	3000K	82	1300	0.95
75172	LED17PAR38/DIM/850/FL40/W	17	Med	90W	40°	2500 cd	25,000	5000K	82	1300	0.95

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

Ordering Guide

LED	16	PAR38	/	DIM	/	8	30	/	FL	40	/	G3	/	W
LED Lamps and Retrofits	Wattage: 8, 13, 14, 16 & 17	Lamp Type: PAR38 PAR30LN PAR20		Dimmable		CRI=80+	Color Temperature 2700K 3000K 5000K		Flood	Beam Angle 25° 40°		Gen 3		Wet Rated

Energy Savings

Basic Product Description	LED Life (hrs.)	Similar Halogen	Halogen Life (hrs.)	Watts Saved	Energy Savings*	LED Life vs. Incandescent
LED 8W PAR20	25,000	50W	2,500	42	\$115.00	10X
LED 8W PAR20	25,000	60W	2,500	52	\$143.00	10X
LED 13W PAR30LN	25,000	75W	2,500	62	\$170.50	10X
LED 14W PAR38	25,000	90W	2,500	76	\$209.00	10X
LED 16W PAR38	25,000	90W	2,500	74	\$203.50	10X
LED 17W PAR38	25,000	90W	2,500	73	\$200.75	10X

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

Lamp Dimensions

	MOL (inches)	Diameter (inches)
LED PAR20	3.38 in	2.48 in
LED PAR30 LN	4.48 in	3.77 in
LED PAR38	5.07 in	4.72 in

Dimensions Inches (mm)