

ULTRA LED PAR30 and PAR30LN Lamps



Key Features & Benefits

- UV and IR free
- Mercury and lead free
- Dimmable down to 10%*
- Available in 2700K, 3000K and 5000K color temperatures
- Assembled in the USA (10W only)
- Excellent color quality
- RoHS compliant
- Suitable for damp locations
- Reduce energy consumption up to 76%
- Lasts up to 20 times longer than halogen PAR30 lamps
- No warm-up time, instant-on with full light output and stable color
- Long life: up to 50,000 hours (L₇₀)

* 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

Application flexibility – that’s what you get with OSRAM SYLVANIA PAR30 LED lamps. With a high CRI for greater color definition and a choice of 2700K, 3000K or 5000K CCT, the lamps can be used in many applications from home to hospitality to art galleries and museums. Our 10W PAR30 lamps, with beam angles at 10°, 15° and 25°, provide the ultimate flexibility. With these lamps you are able to mix and match optics and drivers to find a unique solution for any application. All lamps are RoHS compliant, contain no mercury, lead or other hazardous materials and emit no UV or IR radiation. Along with being environmentally friendly, these lamps are available in 10W PAR30 and 13W and 17W PAR30LN saving considerable energy compared to halogen lamps with similar light output.

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



Product Offering

Product	Wattage	Color Temperature	Beam Angle
ULTRA LED PAR30LN	17	3000K	20°
ULTRA LED PAR30LN	13	2700K, 3000K, 5000K	25°, 40°
ULTRA LED PAR30	10	2700K, 3000K	10°, 15°, 25°

Application Information

Market Segments

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

Applications

- Accent/display lighting
- General lighting
- Recessed downlighting
- Track lighting

Application Notes

1. Operating temperature range between -4°F and +113°F (-20°C and +45°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 1 lb. lamp
4. Not intended for use with emergency light fixtures or exit signs
5. Use in open fixtures
6. All PAR lamps from OSRAM SYLVANIA use polymethyl methacrylate (PMMA) for their lenses. It is a transparent thermoplastic, often used as a lightweight, shatter-resistant alternative to glass.



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Base Type	Replaces	Input Voltage (VAC)	Average Rated Life (hrs. L ₇₀) ¹	CCT ³	Typical Lumens (lm) ²	CBCP (cd)	CRI ⁴	Beam Angle	Power Factor	ENERGY STAR [®]
78720	LED17PAR30LN/DIM/830/WSP20	17	Medium	75W PAR30LN	120	25,000	3000K	1200	5,700	81	20°	0.98	No
72526	LED13PAR30LN/DIM/850/FL40	13	Medium	50W PAR30LN	120	25,000	5000K	820	1,680	86	40°	0.93	No
78429	LED13PAR30LN/DIM/830/NFL25	13	Medium	50W PAR30LN	120	25,000	3000K	820	3,600	82	25°	0.92	Yes
78430	LED13PAR30LN/DIM/830/FL40	13	Medium	50W PAR30LN	120	25,000	3000K	820	1,450	82	40°	0.92	Yes
78431	LED13PAR30LN/DIM/827/NFL25	13	Medium	50W PAR30LN	120	25,000	2700K	790	3,400	81	25°	0.92	Yes
78432	LED13PAR30LN/DIM/827/FL40	13	Medium	50W PAR30LN	120	25,000	2700K	790	1,400	81	40°	0.92	Yes
78664	LED10PAR30/DIM/SG/830/SP10	10	Medium	50W PAR30	120	50,000	3000K	550	12,000	89	10°	0.82	Yes
78665	LED10PAR30/DIM/SG/830/WSP15	10	Medium	50W PAR30	120	50,000	3000K	550	5,400	89	15°	0.82	Yes
78666	LED10PAR30/DIM/SG/830/NFL25	10	Medium	50W PAR30	120	50,000	3000K	550	2,500	89	25°	0.82	Yes
78662	LED10PAR30/DIM/SG/827/SP10	10	Medium	50W PAR30	120	50,000	2700K	510	11,000	89	10°	0.82	Yes
78576	LED10PAR30/DIM/SG/827/WSP15	10	Medium	50W PAR30	120	50,000	2700K	510	5,000	89	15°	0.82	Yes
78663	LED10PAR30/DIM/SG/827/NFL25	10	Medium	50W PAR30	120	50,000	2700K	510	2,300	89	25°	0.82	Yes

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.

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

Ordering Guide

LED	13	PAR30LN	/	DIM	/	SG	/	830	/	NFL	25
LED Lamps	Wattage: 10, 13, 17	Lamp Type: PAR30 Long Neck PAR30 Short Neck	/	Dimmable	/	Specification Grade	/	CRI, CCT: 8: 80+ CRI, 50: 5000K CCT 30: 3000K CCT 27: 2700K CCT	/	Beam Type: SP: Spot WSP: Wide Spot NFL: Narrow Flood FL: Flood	Beam Angle 10° 15° 20° 25° 40°

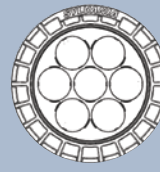
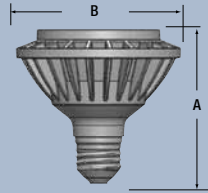
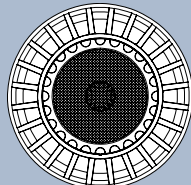
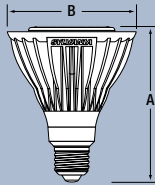
Energy Savings

Basic Product Description	LED Life (hrs.)	Similar Halogen	Halogen Life (hrs.)	Watts Saved	Energy Savings*	LED Life vs. Halogen
LED17PAR30LN/DIM	25,000	75PAR30LN	2,500	58	\$159.50	10x
LED13PAR30LN/DIM	25,000	50PAR30LN	2,500	37	\$101.75	10x
LED10PAR30/DIM/SG	50,000	50PAR30	2,500	40	\$220.00	20x

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

Lamp Dimensions

	(A) MOL (inches)	(B) Diameter (inches)
LED17PAR30LN/DIM	4.67	4.02
LED13PAR30LN/DIM	4.56	3.78
LED10PAR30/DIM/830	3.75	3.75
LED10PAR30/DIM/827	3.75	3.75



Center Beam Candle Power (CBCP)

Wattage (W)	CCT	CRI	CBCP Values ¹ Beam Angle				
			10°	15°	20°	40°	
10	3000K	89	12,000 cd	5,400 cd	–	2,500 cd	–
10	2700K	89	11,000 cd	5,000 cd	–	2,300 cd	–
13	5000K	86	–	–	–	–	1,680 cd
13	3000K	82	–	–	–	3,600 cd	1,450 cd
13	2700K	81	–	–	–	3,400 cd	1,400 cd
17	3000K	81	–	–	5,700 cd	–	–

1. Thermally stable typical CBCP (± 10%)

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