

ULTRA LED PAR30 and PAR30LN Lamps



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

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



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° |

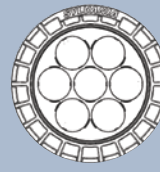
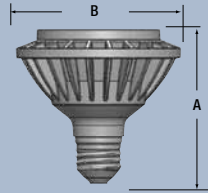
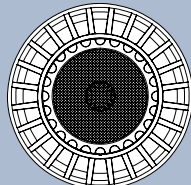
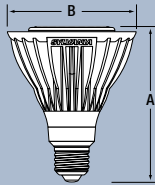
Energy Savings

| 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%)

United States

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Mexico

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