

ULTRA LED PAR30 Lamps Dimmable



Key Features & Benefits

- UV, IR and Mercury Free
- Dimmable*
- Medium Base
- Available in 2700K and 3000K color temperatures. **
- Assembled in the USA (10W only)
- 15W PAR30LN product is ENERGY STAR qualified at 50,000 hours. (NFL & FL versions)

* Please refer to Compatibility Dimmer List (RETRO-DIM) for a list of compatible dimmers or visit www.sylvania.com/ledr

** 18W available only in 3000K color temperature



This light source meets restrictions on hazardous substances.

Application flexibility – that’s what you get with OSRAM SYLVANIA PAR30 LED Retrofit lamps. With a high CRI for greater color definition and a choice of soft white (2700K) or white (3000K) 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 15W and 18W 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

| Ordering Abbreviation | Wattage (W) | Color Temperature | Beam Angle | Lumens | R9 |
|-----------------------------|-------------|-------------------|------------|--------|----|
| LED18PAR30LN/DIM/830/NFL25 | 18 | 3000K | 25° | 950 | 14 |
| LED18PAR30LN/DIM/830/FL40 | 18 | 3000K | 40° | 950 | 12 |
| LED15PAR30LN/DIM/827/NFL25 | 15 | 2700K | 25° | 700 | 39 |
| LED15PAR30LN/DIM/827/FL40 | 15 | 2700K | 40° | 700 | 41 |
| LED10PAR30/DIM/SG/830/SP10 | 10 | 3000K | 10° | 550 | 45 |
| LED10PAR30/DIM/SG/830/WSP15 | 10 | 3000K | 15° | 550 | 46 |
| LED10PAR30/DIM/SG/830/NFL25 | 10 | 3000K | 25° | 550 | 43 |
| LED10PAR30/DIM/SG/827/SP10 | 10 | 2700K | 10° | 510 | 37 |
| LED10PAR30/DIM/SG/827/WSP15 | 10 | 2700K | 15° | 510 | 37 |
| LED10PAR30/DIM/SG/827/NFL25 | 10 | 2700K | 25° | 510 | 37 |



| | | | | | |
|----------------------------|----|-------|-----|-----|----|
| LED15PAR30LN/DIM/830/NFL25 | 15 | 3000K | 25° | 770 | 54 |
| LED15PAR30LN/DIM/830/FL40 | 15 | 3000K | 40° | 770 | 55 |

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. UL 1993 Listed
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 for use with emergency lighting
5. Use in open fixtures only
6. Operating temperature range between -40°F and +113°F (-40°C and +45°C)



Specification Data

Catalog # _____ Type _____
 Project _____
 Comments _____
 Prepared by _____ Date _____

Ordering Information

| Item Number | Ordering Abbreviation | Wattage (W) | Base Type | Input Voltage (VAC) | Average Rated Life (hrs.) ¹ | Typical Lumens (lm) ² | CCT ³ | CBCP (cd) | Beam Angle | CRI ⁴ | Power Factor |
|-------------|-----------------------------|-------------|-----------|---------------------|--|----------------------------------|------------------|-----------|------------|------------------|--------------|
| 78804 | LED18PAR30LN/DIM/830/NFL25 | 18 | Medium | 120 | 25,000 | 950 | 3000K | 3810 | 25° | 85 | 0.73 |
| 78805 | LED18PAR30LN/DIM/830/FL40 | 18 | Medium | 120 | 25,000 | 950 | 3000K | 1500 | 40° | 85 | 0.73 |
| 78638* | LED15PAR30LN/DIM/830/NFL25 | 15 | Medium | 120 | 50,000 | 770 | 3000K | 2900 | 25° | 87 | 0.77 |
| 78639* | LED15PAR30LN/DIM/830/FL40 | 15 | Medium | 120 | 50,000 | 770 | 3000K | 1300 | 40° | 87 | 0.77 |
| 78655 | LED15PAR30LN/DIM/827/NFL25 | 15 | Medium | 120 | 50,000 | 700 | 2700K | 2910 | 25° | 84 | 0.75 |
| 78656 | LED15PAR30LN/DIM/827/FL40 | 15 | Medium | 120 | 50,000 | 700 | 2700K | 1420 | 40° | 84 | 0.78 |
| 78664 | LED10PAR30/DIM/SG/830/SP10 | 10 | Medium | 120 | 25,000 | 550 | 3000K | 12,000 | 10° | 89 | 0.82 |
| 78665 | LED10PAR30/DIM/SG/830/WSP15 | 10 | Medium | 120 | 25,000 | 550 | 3000K | 5400 | 15° | 89 | 0.82 |
| 78666 | LED10PAR30/DIM/SG/830/NFL25 | 10 | Medium | 120 | 25,000 | 550 | 3000K | 2500 | 25° | 89 | 0.82 |
| 78662 | LED10PAR30/DIM/SG/827/SP10 | 10 | Medium | 120 | 25,000 | 510 | 2700K | 11,000 | 10° | 89 | 0.82 |
| 78576 | LED10PAR30/DIM/SG/827/WSP15 | 10 | Medium | 120 | 25,000 | 510 | 2700K | 5000 | 15° | 89 | 0.82 |
| 78663 | LED10PAR30/DIM/SG/827/NFL25 | 10 | Medium | 120 | 25,000 | 510 | 2700K | 2300 | 25° | 89 | 0.82 |

* ENERGY STAR® qualified

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

Ordering Guide

| LED | 15 | PAR30LN | / | DIM | / | SG | / | 830 | / | NFL | 25 |
|-----------|----------------------|----------------------------|---|----------|---|---------------------|---|--|---|---|--------------------------------|
| LED Lamps | Wattage: 10, 15 & 18 | Lamp Type: PAR30 Long Neck | / | Dimmable | / | Specification Grade | / | CRI, CCT: 8: 80+ CRI, 30: 3000K CCT, 27: 2700K CCT | / | Beam Type: SP: Spot, WSP: Wide Spot, NFL: Narrow Flood, FL: Flood | Beam Angle: 10°, 15°, 25°, 40° |

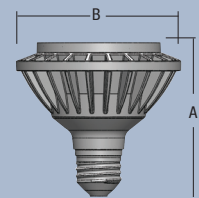
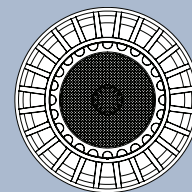
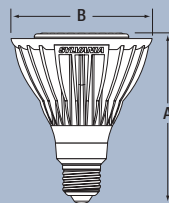
Energy Savings

| Basic Product Description | LED Life (hrs.) | Similar Halogen | Halogen Life (hrs.) | Watts Saved | Energy Savings* | LED Life vs. Halogen |
|---------------------------|-----------------|-----------------|---------------------|-------------|-----------------|----------------------|
| LED18PAR30LN/DIM | 25,000 | 75PAR30LN | 2,500 | 57 | \$157.00 | 10x |
| LED15PAR30LN/DIM | 50,000 | 50PAR30LN | 2,500 | 35 | \$192.00 | 20x |
| LED10PAR30/DIM/SG | 25,000 | 50PAR30 | 2,500 | 40 | \$110.00 | 10x |

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

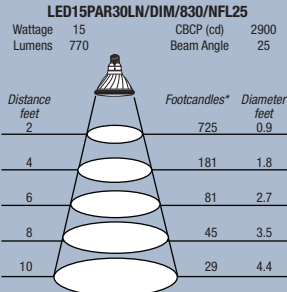
Lamp Dimensions

| | (A) MOL (inches) | (B) Diameter (inches) |
|--------------------|------------------------|-----------------------------|
| LED18PAR30LN/DIM | 4.63 | 3.76 |
| LED15PAR30LN/DIM | 4.50 | 3.75 |
| LED10PAR30/DIM/830 | 3.75 | 3.75 |
| LED10PAR30/DIM/827 | 3.75 | 3.75 |



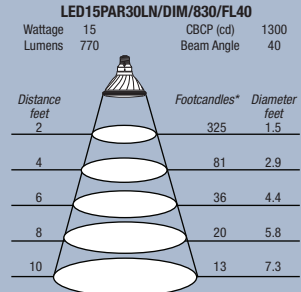
Illuminance Cone Diagrams

| | |
|-------------------------------|-----------|
| Similar Halogen | 50PAR30LN |
| Watts (W) | 50 |
| Avg. Rated Life (hrs.) | 2,500 |
| Lumens | 660 |
| CBCP (cd) | 2100 |
| Beam Angle | 25° |



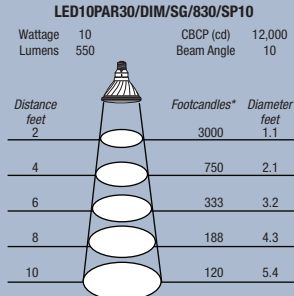
*Approximate footcandle values at center of beam

| | |
|-------------------------------|-----------|
| Similar Halogen | 50PAR30LN |
| Watts (W) | 50 |
| Avg. Rated Life (hrs.) | 2,500 |
| Lumens | 660 |
| CBCP (cd) | 660 |
| Beam Angle | 50° |



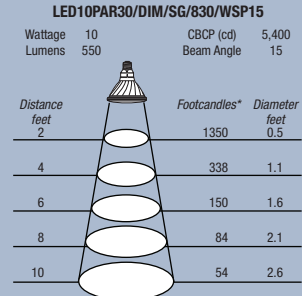
*Approximate footcandle values at center of beam

| | |
|-------------------------------|---------|
| Similar Halogen | 50PAR30 |
| Watts (W) | 50 |
| Avg. Rated Life (hrs.) | 2,500 |
| Lumens | 660 |
| CBCP (cd) | 8,800 |
| Beam Angle | 9° |



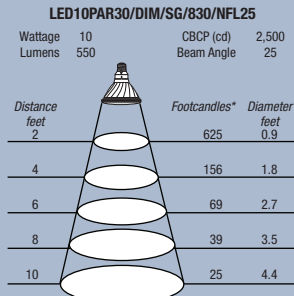
*Approximate footcandle values at center of beam

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|-------------------------------|---------|
| Similar Halogen | 50PAR30 |
| Watts (W) | 50 |
| Avg. Rated Life (hrs.) | 2,500 |
| Lumens | 660 |
| CBCP (cd) | 8,800 |
| Beam Angle | 9° |



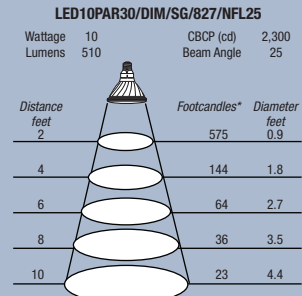
*Approximate footcandle values at center of beam

| | |
|-------------------------------|---------|
| Similar Halogen | 50PAR30 |
| Watts (W) | 50 |
| Avg. Rated Life (hrs.) | 2,500 |
| Lumens | 660 |
| CBCP (cd) | 2,100 |
| Beam Angle | 25° |



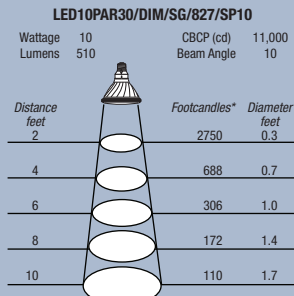
*Approximate footcandle values at center of beam

| | |
|-------------------------------|---------|
| Similar Halogen | 50PAR30 |
| Watts (W) | 50 |
| Avg. Rated Life (hrs.) | 2,500 |
| Lumens | 660 |
| CBCP (cd) | 2,100 |
| Beam Angle | 25° |



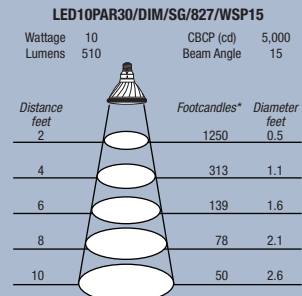
*Approximate footcandle values at center of beam

| | |
|-------------------------------|---------|
| Similar Halogen | 50PAR30 |
| Watts (W) | 50 |
| Avg. Rated Life (hrs.) | 2,500 |
| Lumens | 660 |
| CBCP (cd) | 8,800 |
| Beam Angle | 9° |



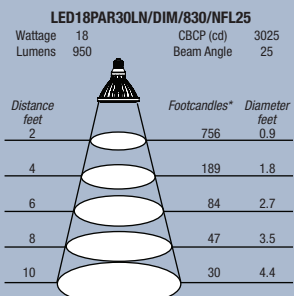
*Approximate footcandle values at center of beam

| | |
|-------------------------------|---------|
| Similar Halogen | 50PAR30 |
| Watts (W) | 50 |
| Avg. Rated Life (hrs.) | 2,500 |
| Lumens | 660 |
| CBCP (cd) | 8,800 |
| Beam Angle | 9° |



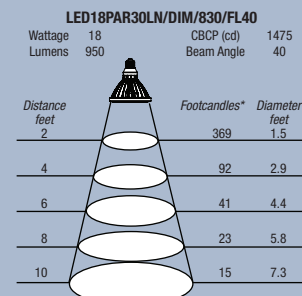
*Approximate footcandle values at center of beam

| | |
|-------------------------------|-----------|
| Similar Halogen | 75PAR30LN |
| Watts (W) | 75 |
| Avg. Rated Life (hrs.) | 2,500 |
| Lumens | 1060 |
| CBCP (cd) | 3150 |
| Beam Angle | 30° |



*Approximate footcandle values

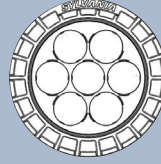
| | |
|-------------------------------|-----------|
| Similar Halogen | 75PAR30LN |
| Watts (W) | 75 |
| Avg. Rated Life (hrs.) | 2,500 |
| Lumens | 1130 |
| CBCP (cd) | 1100 |
| Beam Angle | 50° |



*Approximate footcandle values

Center Beam Candle Power (CBCP)

| Wattage (W) | CCT | CRI | CBCP Values ¹ Beam Angle | | | |
|-------------|-------|-----|--|----------|----------|----------|
| | | | 10° | 15° | 25° | 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 | — |
| 15 | 3000K | 87 | — | — | 2,900 cd | 1,300 cd |
| 15 | 2700K | 84 | — | — | 2,910 cd | 1,420 cd |
| 18 | 3000K | 85 | — | — | 3,025 cd | 1,475 cd |



1. Thermally stable typical CBCP (± 10%)

lighting facts^{CM}
A Program of the U.S. DOE

Light Output (Lumens) 770
Watts 15
Lumens per Watt (Efficacy) 51

Color Accuracy
Color Rendering Index (CRI) 87

Light Color
Correlated Color Temperature (CCT) 3000 (Bright White)

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: 58ZT-88VZD3
Model Number: LED15PAR30LN/DIM830N/FL25
Type: Replacement lamps

lighting facts^{CM}
A Program of the U.S. DOE

Light Output (Lumens) 700
Watts 15
Lumens per Watt (Efficacy) 47

Color Accuracy
Color Rendering Index (CRI) 84

Light Color
Correlated Color Temperature (CCT) 2700 (Warm White)

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: 58ZT-HS2E4D
Model Number: LED15PAR30LN/DIM827/NFL25
Type: Replacement Lamp - Directional (R30, PAR30)

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Fax: 1-800-562-4674

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Fax: 1-800-762-7192

Display/Optic

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Fax: 1-800-762-7192

SYLVANIA Lighting Services

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