

PRO

PAR 16

LSPro LED PAR16 Lamp

Perfect Light Source for Commercial and Residential Applications



EXPECT MORE WITHOUT COMPROMISE

The 6W/8W PAR16 LED lamp provides you with a crisp, beautifully lit environments, while requiring 80% less power and lasting 40 times longer than traditional incandescent bulbs. Perfect for a variety of commercial and residential applications, the PAR 16 is dimmable and provides a form easily utilized in a variety of luminaires.



PRECISE LED BINNING

Detailed and precise LED binning process for consistent color output and temperature

SPECIALIZED OPTIC DESIGN

Creates smooth, even light distribution.

ENERGY STAR RATED

Energy Star rated for quality you can depend on





ORDERING INFORMATION

| FAMILY | PRODUCT | WATTAGE EQUIVALENT | COLOR TEMPERATURE | DISTRIBUTION | VOLTAGE | PACKAGING |
|--------|---------|----------------------------|--------------------------|--------------------|---------|-----------|
| LSPRO | PAR16 | 35 WE - 35 WATT EQUIVALENT | W27 - SOFT WHITE 2700K | FL - FLOOD | 120 | |
| | | | WW - WARM WHITE 3000K | NFL - NARROW FLOOD | | |
| | | | NW - NEUTRAL WHITE 4000K | | | |
| | | | CW - COOL WHITE 5000K | | | |

example: LSPRO 16 35WE W27 FL 120 BX

PRODUCT NAME PAR16 35WE

| SPECIFICATIONS ¹ | W27 | WW | NW | CW |
|---|-----------------------------------|-------------------------|-------------------------|-------------------------|
| Color Temperature ² | 2700K | 3000K | 4000K | 5000K |
| Output (Lumens) ³ | 387 (25°) 398 (40°) | 377 (25°) 386 (40°) | 403 (25°) 412 (40°) | 424 (25°) 391 (40°) |
| CBCP (cd) | 1623 (25°) 766 (40°) | 1774 (25°) 883 (40°) | 2013 (25°) 888 (40°) | 1838 (25°) 906 (40°) |
| Power Factor | .94 | .93 | .94 | .92 |
| CRI | 91 | 92 | 93 | 92 |
| R9 | 54 | 59 | 78 | 77 |
| Beam Angle | 25° - Narrow Flood 40° - Flood | | | |
| Equivalent Source Standard | 35 WE | | | |
| Input Voltage | 120V | | | |
| Power Consumption | 6W | | | |
| Dimmable ⁴ | Yes | | | |
| Housing | Aluminum | | | |
| Base | E26 | | | |
| Dimensions (Length x Diameter) | 2.83 x 1.97 in (72 x 50 mm) | | | |
| Weight | 0.2 lbs (0.09 kg) | | | |
| Lumen Maintenance ⁵ (L ₇₀) | 25,000 | | | |
| Warranty | 5 Year Limited | | | |
| Environment | Damp | | | |
| Certifications | Energy Star; RoHS; UL Listed | | | |

¹ Specifications and values supplied are nominal and are subject to change without notification

² Color temperatures conform to nominal CCTs as defined in ANSI Chromaticity Standard C78.377A

³ Lumen measurement complies with IES LM-79-08 testing procedures

⁴ Please consult with Lighting Science Group for a list of compatible dimmers

⁵ Lumen maintenance calculations are based on measurements that comply with IES LM-80-08 testing procedures. L70 = 70% lumen maintenance, or when lamp reaches 70% of initial output



ORDERING INFORMATION

| FAMILY | PRODUCT | WATTAGE EQUIVALENT | COLOR TEMPERATURE | DISTRIBUTION | VOLTAGE | PACKAGING |
|--------|---------|----------------------------|--------------------------|--------------------|---------|-----------|
| LSPRO | PAR16 | 50 WE - 50 WATT EQUIVALENT | W27 - SOFT WHITE 2700K | FL - FLOOD | 120 | BX - BOX |
| | | | WW - WARM WHITE 3000K | NFL - NARROW FLOOD | | |
| | | | NW - NEUTRAL WHITE 4000K | | | |
| | | | CW - COOL WHITE 5000K | | | |

example: LSPRO 16 35WE W27 FL 120 BX

PRODUCT NAME PAR16 50WE

| SPECIFICATIONS ¹ | W27 | WW | NW | CW |
|---|-----------------------------------|--------------------------|--------------------------|--------------------------|
| Color Temperature ² | 2700K | 3000K | 4000K | 5000K |
| Output (Lumens) ³ | 543 (25°) 556 (40°) | 577 (25°) 544 (40°) | 582 (25°) 564 (40°) | 598 (25°) 607 (40°) |
| CBCP (cd) | 2481 (25°) 1117 (40°) | 2674 (25°) 1036 (40°) | 2814 (25°) 1171 (40°) | 2937 (25°) 1251 (40°) |
| Power Factor | .94 | .94 | .94 | .94 |
| CRI | 92 | 94 | 94 | 96 |
| R9 | 55 | 66 | 78 | 93 |
| Beam Angle | 25° - Narrow Flood 40° - Flood | | | |
| Equivalent Source Standard | 50 WE | | | |
| Input Voltage | 120V | | | |
| Power Consumption | 8W | | | |
| Dimmable ⁴ | Yes | | | |
| Housing | Aluminum | | | |
| Base | E26 | | | |
| Dimensions (Length x Diameter) | 2.83 x 1.97 in (72 x 50 mm) | | | |
| Weight | 0.2 lbs (0.09 kg) | | | |
| Lumen Maintenance ⁵ (L ₇₀) | 25,000 | | | |
| Warranty | 5 Year Limited | | | |
| Environment | Damp | | | |
| Certifications | Energy Star; RoHS; UL Listed | | | |

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