

# 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 - WARM WHITE 2700K	FL - FLOOD	120	BX - BOX
			WW - HALOGEN WHITE 3000K	NFL - NARROW FLOOD		
			NW - COOL WHITE 4000K			
			CW - STARK WHITE 5000K			

example: LSPRO 16 35WE W27 FL 120 BX

## PRODUCT NAME PAR16 35WE

SPECIFICATIONS <sup>1</sup>	W27	WW	NW	CW
Color Temperature <sup>2</sup>	2700K	3000K	4000K	5000K
Output (Lumens) <sup>3</sup>	350 (40°)	386 (40°)	412 (40°)	391 (40°)
CBCP (cd)	766 (40°)	883 (40°)	888 (40°)	906 (40°)
Power Factor	.94	.93	.94	.92
CRI	91	92	93	92
R9	54	59	78	77
Beam Angle	40° - Flood			
Equivalent Source Standard	35 WE			
Input Voltage	120V			
Power Consumption	6W			
Dimmable <sup>4</sup>	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 <sup>5</sup> (L <sub>70</sub> )	25,000			
Warranty	5 Year Limited			
Environment	Damp			
Certifications	Energy Star; RoHS; UL Listed			

<sup>1</sup> Specifications and values supplied are nominal and are subject to change without notification

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

<sup>3</sup> Lumen measurement complies with IES LM-79-08 testing procedures

<sup>4</sup> Please consult with Lighting Science Group for a list of compatible dimmers

<sup>5</sup> 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 <sup>1</sup>	W27	WW	NW	CW
Color Temperature <sup>2</sup>	2700K	3000K	4000K	5000K
Output (Lumens) <sup>3</sup>	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 <sup>4</sup>	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 <sup>5</sup> (L <sub>70</sub> )	25,000			
Warranty	5 Year Limited			
Environment	Damp			
Certifications	Energy Star; RoHS; UL Listed			

<sup>1</sup> Specifications and values supplied are nominal and are subject to change without notification

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

<sup>3</sup> Lumen measurement complies with IES LM-79-08 testing procedures

<sup>4</sup> Please consult with Lighting Science Group for a list of compatible dimmers

<sup>5</sup> 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