

# MR16

## LSPro LED MR16 Lamp

Perfect Light Source for Commercial and Residential Applications



90 CRI FOR EXCEPTIONAL COLOR

PRECISE LED BINNING PROCESS

*Detailed and precise LED binning process for constant color output and temperature*

SPECIALIZED OPTIC DESIGN

*Creates smooth, even light distribution.*

## SMALL YET POWERFUL

The 6W/8W MR16 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 MR16 is dimmable and provides a form easily utilized in a variety of luminaires.



PRECISE LED BINNING

*Detailed and precise LED binning process for constant 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	BEAM ANGLE	PACKAGING
LSPRO	MR16	35WE-35WATTEQUIVALENT	W27 - SOFT WHITE 2700K	FL - FLOOD	BX - BOX
			WW - WARM WHITE 3000K	NFL - NARROW FLOOD	
			NW - NEUTRAL WHITE 4000K		
			CW - COOL WHITE 5000K		

example: LSPRO 16 35WE W27 FL BX

## PRODUCT NAME MR16

SPECIFICATIONS <sup>1</sup>	W27	WW	NW	CW
Color Temperature <sup>2</sup>	2700K	3000K	4000K	5000K
Output (Lumens) <sup>3</sup>	403 (25°) 376 (40°)	384 (25°) 363 (40°)	420 (25°) 399 (40°)	414 (25°) 411 (40°)
CBCP (cd)	1608 (25°) 792 (40°)	1681 (25°) 845 (40°)	1676 (25°) 876 (40°)	2049 (25°) 953 (40°)
Power Factor	.97	.95	.97	.97
CRI	93	92	94	95
R9	58	58	79	88
Beam Angle	25° - Narrow Flood 40° - Flood			
Equivalent Source Standard	35 WE			
Input Voltage	12VAC			
Power Consumption	6W			
Dimmable <sup>4</sup>	Yes			
Housing	Aluminum			
Base	GU5.3			
Dimensions (Length x Diameter)	1.97 x 1.97 in (50 x 50 mm)			
Weight	0.14 lbs (0.06 kg)			
Lumen Maintenance <sup>5</sup> (L <sub>70</sub> )	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	BEAM ANGLE	PACKAGING
LSPRO	MR16	50WE-50WATTEQUIVALENT	W27 - SOFT WHITE 2700K	FL - FLOOD	BX - BOX
			WW - WARM WHITE 3000K	NFL - NARROW FLOOD	
			NW-NEUTRALWHITE4000K		
			CW - COOL WHITE 5000K		

example: LSPRO 16 50WE W27 FL BX

## PRODUCT NAME MR16

SPECIFICATIONS <sup>1</sup>	W27	WW	NW	CW
Color Temperature <sup>2</sup>	2700K	3000K	4000K	5000K
Output (Lumens) <sup>3</sup>	507 (25°) 535 (40°)	525 (25°) 504 (40°)	565 (25°) 543 (40°)	566 (25°) 537 (40°)
CBCP (cd)	3032 (25°) 1331 (40°)	2591 (25°) 1063 (40°)	2903 (25°) 1066 (40°)	2692 (25°) 993 (40°)
Power Factor	.95	.96	.95	.94
CRI	93	92	95	96
R9	60	57	80	91
Beam Angle	25° - Narrow Flood 40° - Flood			
Equivalent Source Standard	50 WE			
Input Voltage	12VAC			
Power Consumption	8W			
Dimmable <sup>4</sup>	Yes			
Housing	Aluminum			
Base	GU5.3			
Dimensions (Length x Diameter)	1.97 x 1.97 in (50 x 50 mm)			
Weight	0.14 lbs (0.06 kg)			
Lumen Maintenance <sup>5</sup> (L <sub>70</sub> )	25,000			
Warranty	5 Year Limited			
Environment	Damp			
Certifications	Energy Star; RoHS; UL Listed			

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