

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 consistent 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 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	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 ¹	W27	WW	NW	CW
Color Temperature ²	2700K	3000K	4000K	5000K
Output (Lumens) ³	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 ⁴	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 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	BEAM ANGLE	PACKAGING
LSPRO	MR16	50WE-50WATTEQUIVALENT	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 50WE W27 FL BX

PRODUCT NAME MR16

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

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