MR-16 LED Lamp



PROJECT NAME

TYPE

CATALOG #

QUANTITY

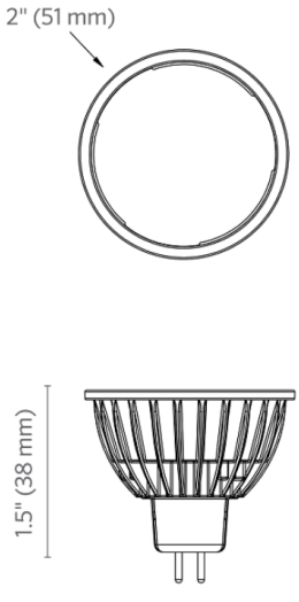
NOTES

A convenient, high-quality LED lamp. Fully potted, it carries a five-year warranty.

Quick Facts

- Precision optics for accurate, consistent beam angles
- Multiple outputs: 4 W, 5 W, and 6 W (up to ~500 lumens)
- Available in 2700K, 3000K, and 4000K color temperatures
- Beam angle options: 10°, 35°, and 60°
- Fully potted, IP66-rated for moisture and dust protection
- High-efficiency driver for lower VA draw and more fixtures per transformer
- Advanced thermal management for long-term reliability
- Long-life LED technology for consistent performance
- Standard MR-16 base for easy retrofit installation
- Backed by a 5-year warranty

MR-16 Dimensions



MR-16 Spec Chart

Output	20W	35W	50W
Total Lumens (lm)	250-315	200-370	505
Power Consumption (VA)	4.3	5.4	6.5
Efficacy (Lumens per Watt)	64-79	39-75	95
Maximum Candela (cd)	290-1,980	450-3,260	960
Correlated Color Temperature (CCT)	2700K, 3000K, 4000K	2700K, 3000K, 4000K	2700K, 3000K, 4000K
Standard Deviation Color Matching (SDCM)	3-Step	3-Step	3-Step
Color Rendering Index (CRI)	84	84	84
Beam Angle	10°, 35°, 60°	10°, 35°, 60°	35°, 60°
Input Voltage (V)	10-15	10-15	10-15
Dimming	Phase*	Phase*	Phase*
Rated Life (L70)	40,000 Hrs	40,000 Hrs	40,000 Hrs

* For optimal performance, use a trailing-edge, phase-cut dimmer.

LED MR-16 Ordering Information

Model No.	Power (W)	Power Consumption (VA)	Halogen Equivalent (W)	CCT	Beam Angle	Beam Description	Total Lumens (lm)	Max. Candelas (cd)	CRI	Efficacy (lm/W)
MR16LED20WVN	4	4.3	20	2700K	10°	Very Narrow	270	4,140	84+	67
MR16LED20SVN	4	4.3	20	3000K	10°	Very Narrow	285	4,360	84+	74
MR16LED20CVN	4	4.3	20	4000K	10°	Very Narrow	290	4,590	84+	74
MR16LED20WFL	4	4.3	20	2700K	30°	Flood	230	750	84+	65
MR16LED20SFL	4	4.3	20	3000K	30°	Flood	240	590	84+	59
MR16LED20CFL	4	4.3	20	4000K	30°	Flood	250	800	84+	71
MR16LED20WWF	4	4.3	20	2700K	45°	Wide Flood	230	395	84+	64
MR16LED20SWF	4	4.3	20	3000K	45°	Wide Flood	240	415	84+	64
MR16LED20CWF	4	4.3	20	4000K	45°	Wide Flood	250	490	84+	70
MR16LED35WVN	5	5.4	35	2700K	15°	Very Narrow	440	2,460	84+	74
MR16LED35SVN	5	5.4	35	3000K	15°	Very Narrow	460	2,590	84+	101
MR16LED35CVN	5	5.4	35	4000K	15°	Very Narrow	480	2,720	84+	39
MR16LED35WFL	5	5.4	35	2700K	35°	Flood	335	810	84+	65
MR16LED35SFL	5	5.4	35	3000K	35°	Flood	380	850	84+	89
MR16LED35CFL	5	5.4	35	4000K	35°	Flood	400	890	84+	67
MR16LED35WWF	5	5.4	35	2700K	47°	Wide Flood	340	450	84+	71
MR16LED35SWF	5	5.4	35	3000K	47°	Wide Flood	395	570	84+	91
MR16LED35CWF	5	5.4	35	4000K	47°	Wide Flood	415	600	84+	69

MR16LED50WFL	6	6.5	50	2700K	35°	Flood	480	1,025	84+	95
MR16LED50SFL	6	6.5	50	3000K	35°	Flood	505	1,080	84+	104

Technical Specifications

About FX Luminaire

As a leading manufacturer of landscape and architectural lighting, FX Luminaire provides innovative products, resources, and support to help customers bring their visions to life. The company offers a range of specification-driven solutions, including fixtures, controls, and accessories, to enhance residential and commercial landscapes.

CONSTRUCTION

Materials	Housing: Die-cast zinc
Optics	TIR optic
Ambient Operating Temperature	0°F to 140°F (-18°C to 60°C)

LISTINGS

ADDITIONAL CERTIFICATIONS

CB Scheme, UL 1993

Model Configurator

MR16LED			
MODEL	POWER	LED COLOR	OPTIC

POWER

- ☐ **20** — 230-290 lumens; 4.3 VA
- ☐ **35** — 335-480 lumens; 5.4 VA
- ☐ **50** — 480-505 lumens; 6.5 VA

LED COLOR

- ☐ **W** — Warm (2700K)
- ☐ **S** — Soft (3000K)
- ☐ **C** — Cool (4000K)

OPTIC

- ☐ **VN** — Very Narrow (10°)
- ☐ **FL** — Flood (30°)
- ☐ **WF** — Wide Flood (60°)