

MR-16 Eco LED Lamp

STANDARD

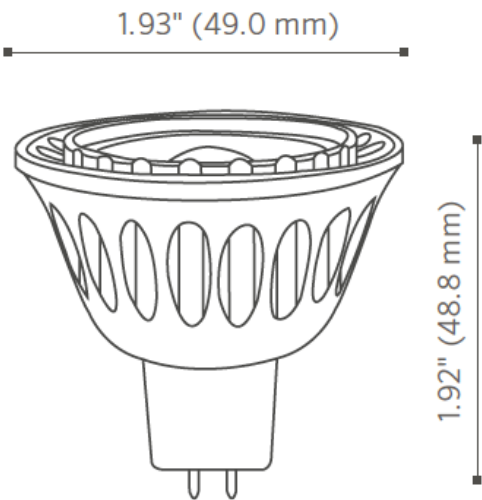


PROJECT
CATALOG #
TYPE
NOTES

The MR-16 Eco LED lamp family provides a high-quality, economical choice for lighting professionals. The lamps are available in two intensities, two beam angles, and two color temperature options.

Quick Facts

- Lightweight aluminum housing
- Warm color temperature: 2,700K
- Beam angle options: 30° (Flood) and 60° (Wide Flood)
- Compatible with the Luxor® Low-Voltage Cube (LCM-LV)
- Two intensities: 6 VA and 9 VA



MR-16 Eco LED Lamp SPECIFICATIONS

	E-6-FL		E-6-WF		E-9-FL		E-9-WF	
Total Lumens (lm)	425	445	375	395	540	565	480	500
Power Consumption (VA)	6.0	6.0	6.0	6.0	8.5	8.5	8.5	8.5
Efficacy (Lumens per Watt)	111	117	98	103	107			
Correlated Color Temperature (CCT)	2700K	3000K	2700K	3000K	2700K	3000K	2700K	3000K
Halogen Equivalent (W)	35	35	35	35	50	50	50	50
Beam Angle	30°	30°	60°	60°	30°	30°	60°	60°
Maximum Candela (cd)	1,075		310		1,505		410	
Color Rendering Index (CRI)	83	83	83	83	83	83	83	83
Input Voltage (V)	10-15	10-15	10-15	10-15	10-15	10-15	10-15	10-15
Dimming	Phase	Phase	Phase	Phase	Phase	Phase	Phase	Phase
Minimum Rated Life (L70)	30,000 Hrs	30,000 Hrs	30,000 Hrs	30,000 Hrs	30,000 Hrs	30,000 Hrs	30,000 Hrs	30,000 Hrs

MR-16 Eco LED Lamp 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.

Dimming

Primary: Consult transformer specifications. Secondary: Luxor® control (with LCM-LV) or a trailing-edge (reverse phase-cut) dimmer.

Power

10 to 15 VAC/VDC, 50/60 Hz. Remote transformer required (specify separately)

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Power Consumption

As defined by the selected model.

Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high quality light at optimal energy efficiency, lifespan, and durability.

Beam Angles

Beam angles are measured in degrees, from the peak of the light's intensity, to where the intensity drops off at 50%.

Control

Compatible with the Luxor Low-Voltage Cube (LCM-LV)

Lifetime

30,000+ Hrs (L70)

Warranty

3-year limited warranty

Listings



MR-16 Eco LED Lamp ORDERING INFORMATION

Fixture	Color Temp	Beam Angle	Finish
MR16	W Warm (2700K)	FL Flood (30°)	
	S Soft (3000K)	WF Wide Flood (60°)	

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EXAMPLE FIXTURE CONFIGURATION: MR16-XX-XXXX-XX

MR-16 Eco LED Lamp PHOTOMETRICS

MR16ECO20WFL Illuminance at a Distance		
Feet (Meters)	Center Beam Foot-Candle (Lux)	Beam Width Vertical 35.0°
6' (1.8 m)	26.8 fc (289 lx)	2.9' (0.8 m)
8' (2.4 m)	15.1 fc (163 lx)	3.9' (1.2 m)
10' (3.1 m)	9.7 fc (104 lx)	4.9' (1.5 m)
12' (3.7 m)	6.7 fc (72 lx)	5.9' (1.8 m)
15' (4.6 m)	4.3 fc (46 lx)	7.3' (2.2 m)


MR16ECO20wwf Illuminance at a Distance		
Feet (Meters)	Center Beam Foot-Candle (Lux)	Beam Width Vertical 60.0°
6' (1.8 m)	15.0 fc (162 lx)	4.5' (1.4 m)
8' (2.4 m)	8.5 fc (92 lx)	6.0' (1.8 m)
10' (3.1 m)	5.4 fc (58 lx)	7.4' (2.3 m)
12' (3.7 m)	3.8 fc (41 lx)	8.9' (2.7 m)
15' (4.6 m)	2.4 fc (26 lx)	11.2' (3.4 m)


MR16ECO50WFL Illuminance at a Distance		
Feet (Meters)	Center Beam Foot-Candle (Lux)	Beam Width Vertical 35.0°
6' (1.8 m)	32.1 fc (346 lx)	3.2' (1.0 m)
8' (2.4 m)	18.0 fc (194 lx)	4.3' (1.3 m)
10' (3.1 m)	11.5 fc (124 lx)	5.3' (1.6 m)
12' (3.7 m)	8.0 fc (86 lx)	6.4' (2.0 m)
15' (4.6 m)	5.1 fc (55 lx)	8.0' (2.4 m)

MR16ECO50wwf Illuminance at a Distance		
Feet (Meters)	Center Beam Foot-Candle (Lux)	Beam Width Vertical 60.0°
6' (1.8 m)	22.3 fc (240 lx)	4.9' (1.4 m)
8' (2.4 m)	12.5 fc (135 lx)	6.0' (1.8 m)
10' (3.1 m)	8.0 fc (86 lx)	7.5' (2.3 m)
12' (3.7 m)	5.6 fc (60 lx)	9.0' (2.7 m)
15' (4.6 m)	3.6 fc (39 lx)	11.3' (3.4 m)

MR-16 Eco LED Lamp ORDERING INFORMATION

GLARE CONTROL: Specify Separately





Glare Control	Catalog No.	
Hex Baffle for MR-16 LED Lamps	250015260000	

Glare Control	Catalog No.	
RecessorRing® Spacer for MR-16 LED Lamps	RR-MR16	

MR-16 Eco LED Lamp ORDERING INFORMATION


LENS OPTIONS: Specify Separately

Lenses	Catalog No.	
MR16 Linear Spread Lens	250013550000	
MR16 Foliage Enhancing Green Dichroic Lens	250015180000	
MR16 Color Softening Lens, +100K shift	250015200000	
MR16 Red Light Dichroic Lens	250015220000	
MR16 Solite Spread Lens	250015240000	

Lenses	Catalog No.	
Frosted Lens for MR-16 LED Lamps	250015170000	
MR16 Color Cooling Lens, +600K shift	250015190000	
MR16 Green Light Dichroic Lens	250015210000	
MR16 Color Warming Lens, -200K shift	250015230000	

MR-16 Eco LED Lamp ORDERING INFORMATION

POWER OPTIONS: Specify Separately

Power	Catalog No.
Low-Voltage Dimmer	DIM-LV 

Power	Catalog No.
Luxor CUBE- Low-voltage	LCM-LV 