

MR-16 Eco LED Lamp STANDARD

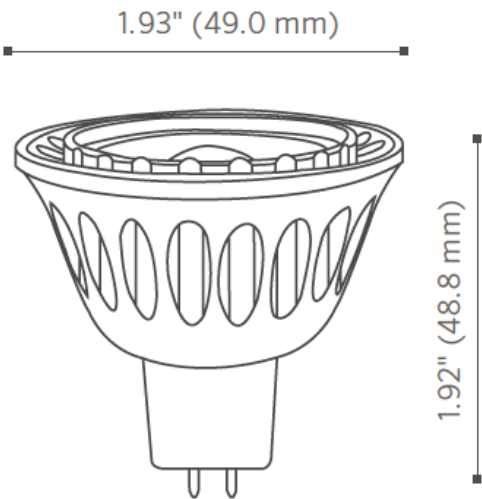


PROJECT
CATALOG #
TYPE
NOTES

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 one color temperature option.

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: 4W and 6W (20W and 50W halogen equivalents)



# MR-16 Eco LED Lamp SPECIFICATIONS

	E-6-FL	E-6-WF	E-9-FL	E-9-WF
Total Lumens (lm)	490	440	635	565
Power Consumption (VA)	6.0	6.0	8.5	8.5
Efficacy (Lumens per Watt)	130	115	110	100
Correlated Color Temperature (CCT)	2700K	2700K	2700K	2700K
Halogen Equivalent (W)	35	35	50	50
Beam Angle	30°	60°	30°	60°
Maximum Candela (cd)	1,075	310	1,505	410
Color Rendering Index (CRI)	83	83	83	83
Input Voltage (V)	10-15	10-15	10-15	10-15
Dimming	Phase	Phase	Phase	Phase
Minimum Rated Life (L70)	30,000 Hrs	30,000 Hrs	30,000 Hrs	30,000 Hrs

# MR-16 Eco LED Lamp SPECIFICATIONS

### FX Luminaire

FX Luminaire is an industry-leading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. We offer a full spectrum of specification-driven lighting fixtures that can be utilized to create elegant, cutting-edge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

### 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°)	
		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	Beam Width	
	Foot-Candle (Lux)	Vertical 35.0°	
6' (1.8 m)	26.6 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	Beam Width	
	Foot-Candle (Lux)	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	Beam Width	
	Foot-Candle (Lux)	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	Beam Width	
	Foot-Candle (Lux)	Vertical 60.0°	
6' (1.8 m)	22.3 fc (240 lx)	4.5' (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.		Glare Control	Catalog No.	
Hex Baffle for MR-16 LED Lamps	250015260000		RecessorRing® Spacer for MR-16 LED Lamps	RR-MR16	

# MR-16 Eco LED Lamp ORDERING INFORMATION

LENS OPTIONS: Specify Separately

Lenses	Catalog No.	
Linear Spread Lens for MR-16 LED Lamps	250013550000	
Dichroic Lens for MR-16 LED Lamps, Light Green	250015180000	
Dichroic Lens for MR-16 LED Lamps, Light Blue	250015200000	
Dichroic Lens for MR-16 LED Lamps, Red	250015220000	
Solite Spread Lens for MR-16 LED Lamps	250015240000	

Lenses	Catalog No.	
Frosted Lens for MR-16 LED Lamps	250015170000	
Dichroic Lens for MR-16 LED Lamps, Blue	250015190000	
Dichroic Lens for MR-16 LED Lamps, Green	250015210000	
Dichroic Lens for MR-16 LED Lamps, Peach	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

