



PROJECT

CATALOG #

TYPE

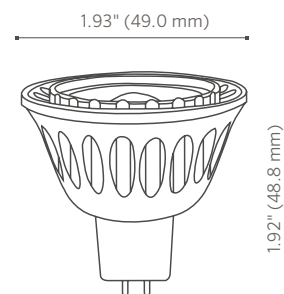
NOTES

## MR-16 Eco Lamp

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: 35° (Flood) and 60° (Wide Flood)
- Two intensities: 4W and 6W (20W and 50W halogen equivalents)
- Compatible with the Luxor® Low-Voltage Cube (LCM-LV)



# MR-16 Eco Lamp SPECIFICATIONS

Output	20W	50W
Total Lumens	309-320	430-465
Input Voltage	10-15V	10-15V
Input Power (W)	4.0	6.0
VA	6.2	9.2
Efficacy (Lumens/Watt)	91-94	94-100
Color Rendering Index (CRI)	87	86
Center Beam Candlepower	541-965	801-1,154
Dimming	PWM, Phase	PWM, Phase
RGBW Available	No	No
Minimum Rated Life (L70)	30,000 Hrs	30,000 Hrs

**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.

**Material**  
Housing: Aluminum

**Power**  
Input voltage: 10-15 VAC

**Control**  
Compatible with Luxor Low-Voltage Cube.

**Weight**  
0.01 lbs. (4.5 g)

**Base**  
GU5.3

**Color Temperature**  
2,700K

**Ambient Operating Temperature**  
0°F to 140°F (-18°C to 60°C)

**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.

**Warranty**  
3-year limited warranty

**Listings**



# MR-16 Eco Lamp ORDERING INFORMATION

Model	Halogen Equivalent	Color Temperature	Beam Angle
MR16-ECO	■ 20 20W; consumes 6.2VA	■ W Warm (2,700K)	■ FL Flood (35°)
	■ 50 50W; consumes 9.2VA		■ WF Wide flood (60°)

EXAMPLE CONFIGURATION: MR16-ECO-20-W-WF

MR16ECO -  -  -

Model Number	Description	Watts	VA	Equivalent Wattage	CCT	Beam Spread	Total Lumens	CBCP	CRI	Efficacy
MR16ECO20WFL	Flood	4W	6.2	20W	2,700K	35°	309	965	87	91
MR16ECO20WWF	Wide Flood	4W	6.2	20W	2,700K	60°	320	541	87	94
MR16ECO50WFL	Flood	6W	9.2	50W	2,700K	35°	430	1,154	86	92
MR16ECO50WWF	Wide Flood	6W	9.2	50W	2,700K	60°	465	801	86	100

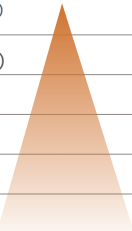
## Accessory: Specify Separately

Item	Code
■ HEX BAFFLE MR-16 Size	250015260000
■ RECESSOR RING MR-16 Size	RRMR16
■ FROSTED LENS MR-16 Size	250015170000
■ SPREAD LENS MR-16 Size	250013550000
■ SOLITE SPREAD LENS MR-16 Size	250015240000

# MR-16 Eco Lamp PHOTOMETRICS

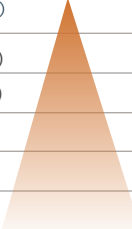
MR16ECO20WFL Illuminance at a Distance

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)



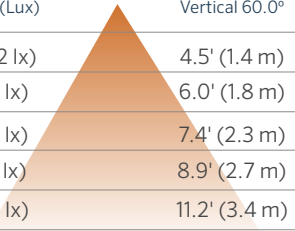
MR16ECO50WFL Illuminance at a Distance

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)



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)



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)	4.5' (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)

