MR-16 Eco ECO LED Lamp



PROJECT NAME

TYPE

CATALOG #

QUANTITY

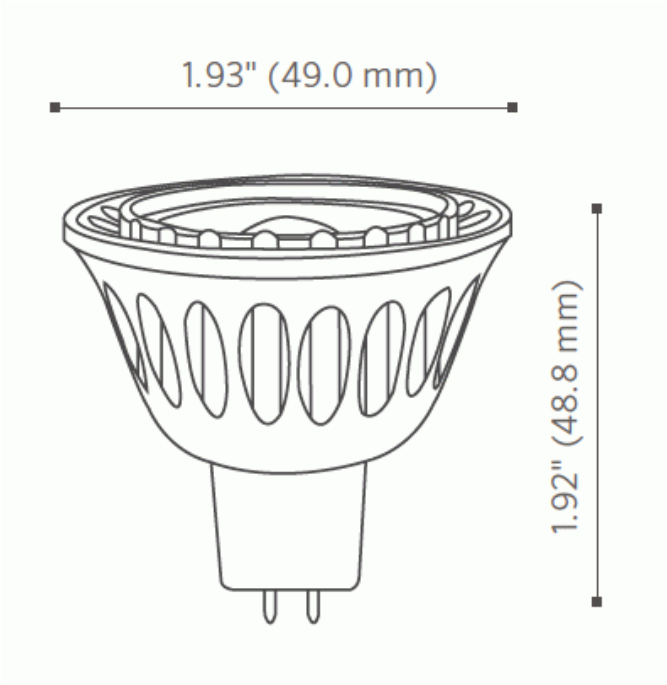
NOTES

MR-16 Lamp, Eco Series

Quick Facts

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

MR-16 Eco Dimensions



MR-16 Eco 20W 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)

MR-16 Eco 50W Photometrics

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)	4.5' (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 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

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

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

SUSTAINABILITY & MANUFACTURING

Lifetime	30,000+ Hrs (L70)
Warranty	3-year limited warranty

LISTINGS

Model Configurator

MR16E				
MODEL	LIGHTING ENGINE	POWER	LED COLOR	OPTIC

LIGHTING ENGINE

- ☐ **MR-16**

POWER

- ☐ **6** — 6 VA
- ☐ **9** — 9 VA

LED COLOR

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

OPTIC

- ☐ **FL** — Flood (30°)
- ☐ **WF** — Wide Flood (60°)

Accessories

POWER

- ☐  **LCM-LV** — Luxor Cube - Low-Voltage
- ☐  **DIM-LV** — Low-Voltage Dimmer