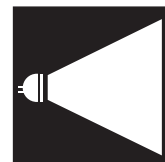


UNIQUE LIGHTING SYSTEMS®

Lamps MR-11 LED Lamp FLEX™ Series



FLEX™ Series MR-11 LED Lamp

PROJECT:	
TYPE:	
CATALOG NUMBER:	
LAMP(S):	
NOTES:	

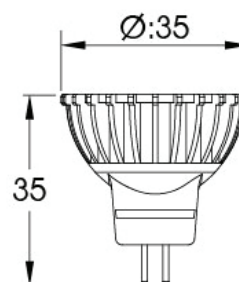
LAMP ORDERING INFORMATION

Example: LED-2W-M1FL27K-12

LED	Wattage	Lamp Type	Beam Spread	Color Temp.	Voltage
	2W = 2 watt	M1 = MR11	FL = Flood	27K = 2700K	12 = 12 volt

DIMENSIONS:

All dimensions in MM.



Unique Lighting Systems® reserves the right to modify the design and/or construction of the fixture shown without further notification.

SPECIFICATIONS

Our Commitment

Unique Lighting Systems' highest commitment is to set the standard for manufacturing innovative and quality products. This commitment is evident through our detailed inspection processes and extensive field testing. From the initial design process of each product, to the final assembly of each custom-made individual part, our manufacturing process accomplishes the highest level of performance and durability carried through to final delivery to the end user. Durable construction and beautiful styling make Unique fixtures the ideal solution for any residential or commercial application. Unique Lighting already holds numerous product patents and we are constantly developing innovative ideas to help expand the lighting industry.

Materials

Solid aluminum diecast lamp body provides proper thermal management for maintaining lighting performance. Each LED package is mounted to an aluminum backed board to continuously dissipate heat and assure the LEDs operate at a safe and optimal temperature ensuring a long life.

LED Package

Unique Lighting utilizes high-efficiency white CREE LED chip packages. The long life, 40,000 hour chips are manufactured by U.S. based CREE. CREE is a proven manufacturer with years of lighting experience. The maximum junction temperature of the LED is 150°C.

Rated Life

Unique high powered LEDs are rated at 40,000 hours at L70. This is 13.7 years of use at 8 hours per day. L70 is a testing standard for the LED industry that states the LED will provide 70% lumen maintenance (70% of it's initial lumens) after 40,000 hours. LEDs do not burn out like traditional lamps, they just continue to get dimmer. After 40,000 hours the LED will continue to illuminate, but at a diminished level.

Energy Savings

LED lamps provide energy saving up to 85% over traditional lamp sources. The Light Emitting Diode consumes substantially less wattage while providing similar light output as a halogen lamp.

CCT-Color Correlated Temperature

Unique Lighting MR11 LED 2W lamps are available in Warm White 2700K. The tolerance on CCT is $\pm 150K$.

CRI - Color Rendering Index

CRI is a measurement of "how true and vibrant colors look". Reds look red, greens look green. The CRI of our LED lamps is between 82.1 and 84.2. A typical fluorescent lamp with poor CRI is about 70. Above 80 is considered very good.

Warranty

Five year warranty

LUMEN OUTPUT

Voltage	Lumen	CCT	Description	Wattage	Rated Life	Beam Spread	Distribution	Volt Amps	Lumens Per Watt
12	110	2700K	LED-2W-M1FL27K-12	2	40,000	30	Flood	3.2	55

Quick Specs

- 40,000 hour rated life at L70
- 14 year life for average of 8 hours per day
- Rigorously tested and rated for use in Unique Lighting Systems® fixtures
- Up to 85% energy savings when compared to traditional lamps
- Input voltage 10V-18V
- Operating temperature from -4° to 122° F
- No ultra-violet rays to attract insects
- Mercury-free
- 5 year warranty