

LED Mini-Reflector Lamp

MR16



Shine in the Right Direction

Topaz LED Mini-Reflector lamps have been developed for precise directional light control for use in residential and retail lighting. Providing excellent color rendering with a 90+ CRI and offered in 3 color temperatures and 2 beam angles, these lamps are suitable for track, recessed, pendant, desk, retail display and landscape applications. Dimmable, energy efficient and longer lasting than traditional lighting, Topaz's MR16s are an ideal choice when flexibility in optical control is a must.

FEATURES

- Up to 85% energy savings
- Lasts up to 5X longer than traditional lighting
- Dimmable down to 10% of total light output
- 90+ CRI for exceptional color rendering
- T20 and T24 JA8: Select models can be used to comply with California Energy Commission's Lighting Appliance Efficiency Regulations and High Efficacy LED light source requirements

SUGGESTED APPLICATIONS

- Residential, commercial, and hospitality
- Indoor track lighting
- Accent lighting
- Recessed downlighting





Job Name/Title: _____ Catalog Number _____
Contractor: _____ Notes: _____

LED Mini-Reflector Lamp MR16

GENERAL SPECIFICATIONS

Input Voltage, Frequency: 12V, 60Hz
Power Factor, THD %: >0.9, <20%
Dimmable: Magnetic low voltage down to 10%¹
Efficacy: 77 LPW
Minimum CRI: 93
Functional Life (L70): 25,000 hours

Location Rating: Damp
Ambient Operating Temperature: -4°F to 104°F
Suitable for Enclosed Fixtures
Housing: White plastic with clear lens
Base: GU5.3

ITEM SPECIFICATIONS / ORDER INFO

Catalog Number	Order Code	UPC	Lumens	Wattage	Input Current	CCT	Beam Angle	CBCP (cd)	CA T20	CA T24 JA8
LM16SP-7W-930-D	73481	751338039537	500	6.5W	760mA	3000K	15°	4,885	Y	Y
LM16SP-7W-940-D	73482	751338039544	500	6.5W	760mA	4000K	15°	4,885	Y	Y
LM16SP-7W-950-D	73483 [†]	751338039551	500	6.5W	760mA	5000K	15°	4,885	Y	N
LM16FL-7W-930-D	73478	751338039506	500	6.5W	760mA	3000K	35°	1,315	Y	Y
LM16FL-7W-940-D	73479	751338039513	500	6.5W	760mA	4000K	35°	1,315	Y	Y
LM16FL-7W-950-D	73480 [†]	751338039520	500	6.5W	760mA	4000K	35°	1,315	Y	N

[†] Not for sale in residential new construction in California.

NOMENCLATURE

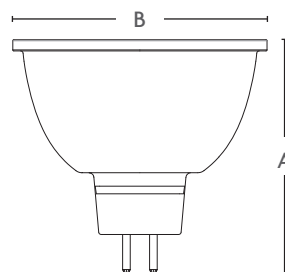
LM16 = LED Mini Reflector Shape **SP** = Spot Light - **7W** = 7 Watts - **930** = 3000K, 90 CRI - **D** = Dimmable
FL = Flood Light **940** = 4000K, 90 CRI
950 = 5000K, 90 CRI

ENERGY SAVINGS

Catalog Number	LED Wattage	Halogen Replacement Wattage	Watts Saved	Yearly Savings	5 Year Savings
Based on 12 hours/day and \$0.11/kWh					
LM16SP-7W-9xx-D	6.5W	50W	43.5W	\$21	\$105
LM16FL-7W-9xx-D	6.5W	50W	43.5W	\$21	\$105

DIMENSIONS / WEIGHTS

Catalog Number	MOL (A)	MOD (B)	Weight
LM16SP-7W-9xx-D	1.77"	1.96"	0.1 Lbs.
LM16FL-7W-9xx-D	1.77"	1.96"	0.1 Lbs.



NOTES:

¹Dimming - This product is designed to be compatible with most trailing-edge type magnetic low voltage dimmers and transformers. (Dimming range 100% down to 10%). Product performance may vary depending on dimmer and transformer manufacturer and circuit loading. Visit www.topaz-usa.com/led-dimmer-compatibility for up-to-date dimmer compatibility information.

Replacement wattage shown depends on application and fixture.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Specifications subject to change without prior notice.

WARNING: Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.

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