ORIOS™ MR16 LED Lamps

CREATING TOMOBROW

Non-Dimmable



LED technology reduces energy and maintenance costs when compared to conventional light sources. They are free of UV and IR radiation minimizing discoloration and fading of materials. These lamps are rated at up to 15,000 hours life with a correlated color temperature (CCT) of 3000K. They are available with a GU5.3 base and 25° and 35° beam angles.

Key Features & Benefits

- Long life: up to 15,000 hours (L_{70})
- Reduces energy consumption up to 84%
- Lasts more than 7 times longer than halogen lamps
- No warm-up time, instant-on with full-light output and stable color
- 12V AC/DC input voltage
- UV and IR free
- Mercury and lead free
- RoHS compliant
- Suitable for use in damp locations
- Available in 3000K color temperature









Product Offering

Ordering		Color	Beam		
Abbreviation	Wattage	Temperature	Angle		
ORIOS LED MR16	6	3000K	25°, 35°		

Application Information

Applications

- Accent/display lighting
- Recessed downlighting
- Track lighting

Market Segments

- Art galleries and museums
- Commercial and office space
- Hotels
- Residential
- Restaurants
- Retail sector

Application Notes

- 1. Operating temperature range between -4°F and +104°F (-20°C and +40°C)
- 2. Suitable for outdoor use when used in a UL rated fixture where protected from the weather
- 3. Use only with class 2 power supply
- Stated performance is based on 12Vpc input to the MR16 GU5.3 base LED lamp
- 5. Not intended for use with emergency light fixtures or exit lights
- 6. Use in open fixtures
- 7. Not to be used in enclosed insulated ceilings
- 8. Not intended for use with dimmers.

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. For FCC Part 15 user information, please see www.sylvania.com/fcc15b.



Specification Data

Catalog #	Туре
Project	
Comments	
Prepared by	

Ordering Information

					Input	Average		Typical				
Item	Ordering	Wattage	Base		Voltage	Rated		Lumens	CBCP		Beam	ENERGY
Number	Abbreviation	(W)	Type	Replaces	(V)	Life (hrs.)1	CCT ³	(lm) ²	(cd)	CRI⁴	Angle	STAR®
79093	LED6MR16/830/FL35	6	GU5.3	30W MR16	12	15,000	3000K	350	900	83	35°	No
79092	LED6MR16/830/NEL25	6	GH5 3	30W MR16	12	15 000	3000K	350	1300	83	25°	No

^{1.} Hours lifetime with 70% (L $_{\rm m}$) lumen maintenance 2. Thermally stable typical lumens (£10%) 3. Thermally stable typical CCT (£10%) 4. CRI – Color Rendering Index

Ordering Guide

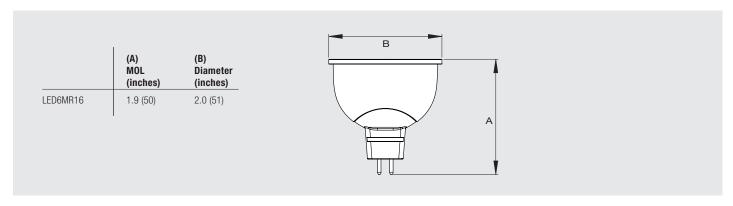
LED	6	MR16	1	830	1	NFL	1	25
LED Lamps	Wattage	Lamp Type:		CRI, CCT:		Beam Type:		Beam
and Retrofits	6	MR16		830: 80+ CRI,		NFL = Narrow Flood		Angle:
				3000K CCT		FL = Flood		25°, 35°

Energy Savings

Basic Product	LED	Similar	Halogen	Watts	Energy	LED Life vs.
Description	Life (hrs.)	Halogen	Life (hrs.)	Saved	Savings*	Halogen Life
LED6MR16	15,000	30W MR16	2,000	24	\$39.60	7+

^{*}Energy savings over life of lamp calculated at \$0.11/kWh

Lamp Dimensions



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