

ORIOS™ MR16 LED Lamps



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 (L₇₀)
- 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 Abbreviation	Wattage	Color Temperature	Beam 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
4. Stated performance is based on 12Vdc 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 #	Type
Project	
Comments	
Prepared by	

Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Base Type	Replaces	Input Voltage (V)	Average Rated Life (hrs.) ¹	CCT ³	Typical Lumens (lm) ²	CBCP (cd)	CRI ⁴	Beam Angle	ENERGY STAR [®]
79093	LED6MR16/830/FL35	6	GU5.3	30W MR16	12	15,000	3000K	350	900	83	35°	No
79092	LED6MR16/830/NFL25	6	GU5.3	30W MR16	12	15,000	3000K	350	1300	83	25°	No

1. Hours lifetime with 70% (L₇₀) lumen maintenance
2. Thermally stable typical lumens (±10%)
3. Thermally stable typical CCT (±10%)
4. CRI – Color Rendering Index

Ordering Guide

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

Energy Savings

Basic Product Description	LED Life (hrs.)	Similar Halogen	Halogen Life (hrs.)	Watts Saved	Energy Savings*	LED Life vs. 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

	(A) MOL (inches)	(B) Diameter (inches)
LED6MR16	1.9 (50)	2.0 (51)

The diagram shows a side view of the LED6MR16 lamp. Dimension A is the Maximum Overall Length (MOL) from the top of the lamp to the bottom of the base. Dimension B is the diameter of the lamp's main body.

OSRAM

Americas Headquarters

OSRAM SYLVANIA Inc.

100 Endicott Street

Danvers, MA 01923 USA

Phone 1-800-LIGHTBULB (1-800-544-4828)

www.sylvania.com

SYLVANIA is a registered trademark of OSRAM SYLVANIA Inc.
ORIOS is a trademark of OSRAM SYLVANIA Inc.
All other trademarks are those of their respective owners.
Specifications subject to change without notice.

