

ULTRA LED™ Glass MR16 Lamps

Glass Housing Design



The new aesthetically pleasing design of the ULTRA LED Glass MR16 lamps make halogen retrofits easier to spot relamp to a more energy efficient lamp. Replacements for 20 and 35 watt halogen lamps providing up to 87% energy savings and longer life up to 25,000 hours (L₇₀). These lamps can be used in many applications. All lamps are RoHS compliant, contain no mercury and emit no UV or IR radiation.

Key Features & Benefits

- Up to 90 LPW
- Dimmable down to 10%*
- Long life up to 25,000 hours (L₇₀)
- Color temperature available in 2700K and 3000K
- CRI: 80+ & 90
- Energy savings up to 87%
- Longer life than traditional halogen lamps
- No warm-up time, instant on with full light output and stable color
- Ideal for re-lamping when halogen lamps reach end of life
- Glass body with the look and feel of traditional halogen lamps
- Suitable for use in damp locations

* Performance may vary depending on dimmer used in application. Please refer to Dimmer Compatibility List (RETRO-DIM) for a list of compatible dimmers or visit www.SYLVANIA.com/LED Retrofit



Product Offering

Ordering Abbreviation	Wattage	Color Temperature	Beam Angle
LED MR16	5	2700K, 3000K	25°, 35°
LED MR16	6	3000K	25°, 35°

Application Information

Applications

- General lighting
- Recessed downlights
- Track lighting
- Wall washer

Market Segments

- Hospitality
- Offices
- Residential
- Restaurants
- Retail

Application Notes

1. Operating temperature -20°C to +45°C (-4°F to 113°F)
2. Not for use with emergency light fixtures or exit lights.
3. Suitable for damp locations.

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	Replaces	Voltage	Lifetime	CCT	Lumens	CBCP	Beam Angle	CRI	PF	ENERGY STAR®
78232	LED5MR16/DIM/827/NFL25/GL/RP	5	GU5.3	20W Halogen	12	25,000	2700	350	975	25	81	0.93	Yes
78231	LED5MR16/DIM/827/FL35/GL/RP	5	GU5.3	20W Halogen	12	25,000	2700	350	650	35	81	0.93	Yes
78234	LED5MR16/DIM/830/NFL25/GL/RP	5	GU5.3	20W Halogen	12	25,000	3000	350	975	25	82	0.93	Yes
78233	LED5MR16/DIM/830/FL35/GL/RP	5	GU5.3	20W Halogen	12	25,000	3000	350	650	35	82	0.93	Yes
78240	LED6MR16/DIM/830/NFL25/GL/RP	6	GU5.3	35W Halogen	12	25,000	3000	450	2000	25	83	0.93	Yes
78239	LED6MR16/DIM/830/FL35/GL/RP	6	GU5.3	35W Halogen	12	25,000	3000	450	1000	35	82	0.93	Yes
78235	LED6MR16/DIM/930/FL35/GL/RP	6	GU5.3	35W Halogen	12	25,000	3000	425	1000	35	93	0.93	Yes

Ordering Guide

LED	4	MR16	/	DIM	/	8	30	/	FL	35	/	GL	/	RP
LED Lamps	Wattage 5, 6	Lamp Type		Dimmable		CRI 8 = 80+ 9 = 90+	Color Temperature 2700K 3000K		Flood	Beam Angle 25° or 35°		Glass Lamps		Retail Pack

Energy Savings

Basic Product Description	LED Life (hrs.)	Similar Halogen	Halogen Life (hrs.)	Watts Saved	Energy Savings*	LED Life vs. Halogen
LED MR16 5W	25,000	20W	2,000	15	\$41	12.5x
LED MR16 6W	25,000	35W	2,000	29	\$80	12.5x

* Energy savings over the life of the lamp calculated at \$0.11/kWh

Lamp Dimensions

	(A) MOL (inches)	(B) Diameter (inches)
MR16 5W & 6W	1.73	1.96

The diagram shows a side view of an MR16 lamp. Dimension A is the height from the base to the top of the lamp body. Dimension B is the diameter of the lamp body at its widest point.

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