SYLVANIA Lamps

ULTRA LED™ MR16

Application

The new ULTRA LED Glass MR16 lamps make halogen retrofits easier to spot relamp to a more energy efficient lamp. With its sleek design, the ULTRA MR16 Glass portfolio is now available in a 20W, 35W and 50W replacement as well as Narrow Flood and Flood beam angles.

Benefits and Features

- 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
- 12V AC/DC input voltage
- UV and IR free
- Mercury and lead free
- Offered in 5, 6, 7 or 8 watts
- Up to 90 LPW
- CRI >80
- Available beam angles: 15°, 25° and 35°

Electrical

- 12Vpc
- Power factor >0.90
- Dimmable

Rated Life

- 25,000 hours (L₇₀)

Warranty

- 3-year
- NLB Trusted Warranty Program

Ambient Operating Range

-4°F to 104°F (-20°C to 40°C)









Wattage Comparison

	Traditional		
Traditional	System	LED System	Energy
Source	Wattage	Wattage	Savings
Halogen	20	5	75%
Halogen	35	6	83%
Halogen	50	7	86%
Halogen	50	8	82%

Certifications and Listings

cETLus

Mercury Free

- RoHS

- ENERGY STAR®
- Lead Free

Installation

- Only install in operating environments ranging between -20°C and +40°C (-4°F and +104°F).
- Not intended for use in emergency light fixtures or exit signs.
- Suitable for damp locations not for use where directly exposed to water.
- Use only with Class 2 power supply.















Specification Data

Catalog #	Туре	
Project		
Comments		
Prepared by		

Ordering Guide

LED	Х	MR16	DIM	X	XX	XXX	XX	GL	RP
Lamp technology	Wattage	Lamp Type	Dimmable	CRI	CCT	Beam Angle	Beam Angle	Material	Packaging
LED	5 = 5 Watts	MR16		8 = 80 +	27 = 2700K	SP = Spot	15 = 15°	GL = Glass	RP = Retail
	6 = 6 Watts				30 = 3000K	NFL = Narrow Flood	$25 = 25^{\circ}$		Pack
	7 = 7 Watts					FL = Flood	$35 = 35^{\circ}$		
	8 = 8 Watts								

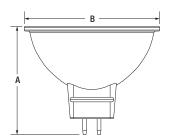
Ordering Information

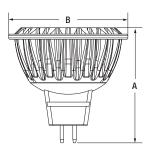
							Average		Typical				
Item	Ordering	Power	Base			Input	Life		Lumens		Beam		ENERGY
Number	Abbreviation	(W)	Type	Material	Replaces	Voltage	(hrs)1	CCT ²	(lm) ³	CBCP	Angle	CRI⁴	STAR®
78232	LED5MR16DIM827NFL25GLRP 6/CS 1/SKU	5	GU5.3	Glass	20W Halogen	12	25,000	2700K	350	975	25°	80+	Yes
78231	LED5MR16DIM827FL35GLRP 6/CS 1/SKU	5	GU5.3	Glass	20W Halogen	12	25,000	2700K	350	650	35°	80+	Yes
78234	LED5MR16DIM830NFL25GLRP 6/CS 1/SKU	5	GU5.3	Glass	20W Halogen	12	25,000	3000K	350	975	25°	80+	Yes
78233	LED5MR16DIM830FL35GLRP 6/CS 1/SKU	5	GU5.3	Glass	20W Halogen	12	25,000	3000K	350	650	35°	80+	Yes
78240	LED6MR16DIM830NFL25GLRP 6/CS 1/SKU	6	GU5.3	Glass	35W Halogen	12	25,000	3000K	450	2000	25°	+08	Yes
78239	LED6MR16DIM830FL35GLRP 6/CS 1/SKU	6	GU5.3	Glass	35W Halogen	12	25,000	3000K	450	1000	35°	+08	Yes
41375	LED7MR16DIM827NFL25GLRP 6/CS 1/SKU	7	GU5.3	Glass	50W MR16	12	25,000	2700K	700	2323	25°	80+	Yes
41376	LED7MR16DIM827FL35GLRP 6/CS 1/SKU	7	GU5.3	Glass	50W MR16	12	25,000	2700K	700	1315	35°	80+	Yes
41378	LED7MR16DIM830NFL25GLRP 6/CS 1/SKU	7	GU5.3	Glass	50W MR16	12	25,000	3000K	700	2323	25°	+08	Yes
41379	LED7MR16DIM830FL35GLRP 6/CS 1/SKU	7	GU5.3	Glass	50W MR16	12	25,000	3000K	700	1315	35°	+08	Yes
48056	LED8MR16DIM827SP15 6/CS 1/SKU	8	GU5.3	Plastic	50W MR16	12	25,000	2700K	700	7000	15°	+08	Yes
48057	LED8MR16DIM830SP15 6/CS 1/SKU	8	GU5.3	Plastic	50W MR16	12	25,000	3000K	700	7000	15°	80+	Yes

^{1.} Hours lifetime with 70% (L70) lumen maintenance 2. Thermally stable typical CCT ($\pm 10\%$) 3. Thermally stable typical lumens ($\pm 10\%$) 4. CRI — Color Rendering Index

Physical Information

	(A) Height inches (mm)	(B) Diameter inches (mm)
MR16, all wattages	1.73 (43.9)	1.98 (50.5)





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