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

— 12V$_{DC}$

— Power factor >0.90

— Dimmable

Rated Life

— 25,000 hours (L$_{70}$)

Warranty

— 3-year

— NLB Trusted Warranty Program

Ambient Operating Range

— -4°F to 104°F (-20°C to 40°C)

Wattage Comparison

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

Certifications and Listings

— cETLus

— RoHS

— Lead Free

— Mercury Free

— ENERGY STAR®

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.

Catalog #		Type
Project		
Comments		
Prepared by		

Ordering Guide

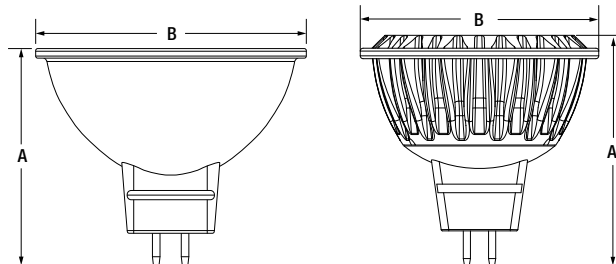| LED	X	MR16	DIM	X	XX	XXX	XX	GL	RP
Lamp technology LED	Wattage 5 = 5 Watts 6 = 6 Watts 7 = 7 Watts 8 = 8 Watts	Lamp Type MR16	Dimmable	CRI 8 = 80+	CCT 27 = 2700K 30 = 3000K	Beam Angle SP = Spot NFL = Narrow Flood FL = Flood	Beam Angle 15 = 15° 25 = 25° 35 = 35°	Material GL = Glass	Packaging RP = Retail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

Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Base Type	Material	Replaces	Input Voltage	Average Life (hrs)[1]	CCT[2]	Typical Lumens (lm)[3]	CBCP	Beam Angle	CRI[4]	ENERGY 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°	80+	Yes
78239	LED6MR16DIM830FL35GLRP 6/CS 1/SKU	6	GU5.3	Glass	35W Halogen	12	25,000	3000K	450	1000	35°	80+	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°	80+	Yes
41379	LED7MR16DIM830FL35GLRP 6/CS 1/SKU	7	GU5.3	Glass	50W MR16	12	25,000	3000K	700	1315	35°	80+	Yes
48056	LED8MR16DIM827SP15 6/CS 1/SKU	8	GU5.3	Plastic	50W MR16	12	25,000	2700K	700	7000	15°	80+	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 (±10%) 3. Thermally stable typical lumens (±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)

SCAN TO FOLLOW US
ON SOCIAL MEDIA

SYLVANIA