

# MAGIC WAND® MR16 W

track mounted low voltage wallwasher



## FEATURES

Magic Wand MR16 W is a wallwasher designed for use with 12-volt MR-16 flood or wide flood lamps (50-watt maximum). Fixture may be mounted on and powered by any of eighteen 20-amp 120-volt Edison Price Lighting track systems. Fixture includes an integral electronic transformer.

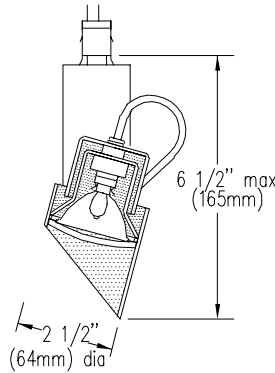
The optical assembly for Magic Wand MR16 W consists of an integral specular reflector and 40° x 70° spread lens.

A flared socket cap prevents any backsplash of light onto the ceiling.

Concealed swivels provide 350° horizontal rotation as well as vertical adjustment from 0° to 90°. Swivels are permanently tensioned, allowing the fixture to remain fixed at any aiming angle.

Magic Wand MR16 W fixtures accept one or two of a number of Optical Accessories including a UV filter and color filters.

Magic Wand fixtures have seamless aluminum housings for lightweight durability. Because their track adapters are entirely concealed within the track, Magic Wand fixtures have an exceptionally clean appearance. Standard finish is matte white with a white socket lead; also available in black and Industrial Silver matte paint finishes.



## APPLICATIONS



Fixture is suitable for wallwashing vertical surfaces in museums, galleries, showrooms, residences, restaurants, offices and stores.

Fixture is individually fused and <sup>©</sup>UL<sup>US</sup> listed for mounting on Edison Price Lighting 120-volt track only.

For the outlet box mounted version of this fixture, see **Magic Wand MR16 W-OBM**.

## PRODUCT CODE

Complete Product Code.....MW/MR16 W  
standard finish: matte white with white socket lead

## OPTIONS

Specify by adding to the product code.

### black socket lead

with standard matte white housing ..... – BSLV

equipped for **outlet box mounting** with a 4 1/2" (114mm) dia matte white box cover; mounts directly to a standard 4" (102mm) octagonal outlet box

..... – OBM

### matte black housing finish

black socket lead standard ..... – BLK

### Industrial Silver housing finish

black socket lead standard ..... – SIL

### custom color paint housing finish

specify white or black socket lead ..... – WSLV or – BSLV  
and identify color in specification ..... CCH

## OPTICAL ACCESSORIES

Specify as separate line items.

All are 2 3/8" (60mm) dia. Lenses and filters are glass; screens are aluminum.

40° x 70° spread lens (included with fixture)..... LENS/2.375-4070

UV filter ..... UVF/2.375

### color filters

Daylight Blue ..... DAY/2.375

Surprise Pink ..... PNK/2.375

amber ..... AMB/2.375

blue ..... BLU/2.375

green ..... GRN/2.375

red ..... RED/2.375

33% light reduction screen ..... SCR33/2.375

50% light reduction screen ..... SCR50/2.375

- ▶ To minimize socket/lamp problems we recommend the use of lamps by GE, Sylvania, Philips or Ushio.
- ▶ If controlled by a dimmer, please use dimming equipment compatible with the integral electronic transformer.
- ▶ For fixtures configured for 50A track or 60A busway systems, contact factory.



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# MAGIC WAND MR16 W

## PHOTOMETRIC REPORT

**LTL** (Luminaire Testing Laboratory, Inc.) Report No. 07844. Original test report furnished upon request.

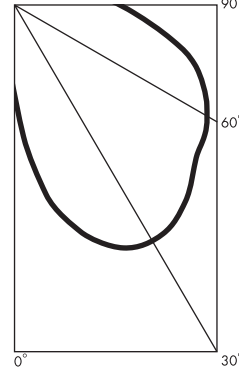
Luminaire ..... track mounted adjustable wallwasher; 40° x 70° spread lens with specular reflector  
 Lamp ..... Sylvania 50MR16Q/60/VWFL/T, 12V, 880 lumens (estimated)

### WALLWASH INFORMATION

Distance From Ceiling (Feet)	2'6" From Wall; 2'6" O.C.		3' From Wall; 3' O.C.	
	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures
1	35	32	27	24
2	36	35	29	28
3	27	26	23	23
4	19	18	17	16
5	13	13	12	12
6	9	9	9	9
7	7	7	7	7
8	5	5	5	5
9	0	0	4	4

This table lists initial illuminance values at the center of a row of at least 5 fixtures with no contribution from ceiling or floor reflectances. Fixtures were modeled with maximum candlepower at 15° above vertical for 2'6" from wall and 2'6" O.C., and 20° above vertical for 3' from wall and 3' O.C.

### CANDLEPOWER DISTRIBUTION



### MR-16 LAMP INFORMATION

Manufacturer	Wattage	ANSI Code	Beamspread (50% max)	Center Beam Candlepower	Average Life (Hours)
GE	20	EZX	7°	7,400	3,000
Sylvania	20	ESX	8°	6,000	4,000
Philips	20	ESX	10°	4,200	4,000
GE	20	ESX	15°	3,750	5,000
Philips	20	BAB	36°	560	4,000
Sylvania	20	BAB	40°	700	4,000
GE	20	BAB	40°	525	5,000
Sylvania	35	FRB	8°	11,000	4,000
Sylvania	35	FRA	20°	2,800	4,000
GE	35	FRA	20°	3,900	5,000
Sylvania	35	FMW	40°	1,400	4,000
GE	35	FMW	40°	1,000	5,000
GE	42	EZY	9°	12,300	3,500

Manufacturer	Wattage	ANSI Code	Beamspread (50% max)	Center Beam Candlepower	Average Life (Hours)
Philips	50	EXT	10°	11,000	4,000
Sylvania	50	EXT	12°	11,000	4,000
GE	50	EXT	15°	9,100	6,000
Philips	50	EXZ	24°	3,200	4,000
Sylvania	50	EXZ	25°	3,200	4,000
GE	50	EXZ	25°	3,200	6,000
GE	50	EXK	30°	2,500	6,000
Philips	50	EXN	38°	1,800	4,000
Sylvania	50	EXN	40°	2,000	4,000
GE	50	EXN	40°	1,700	6,000
GE	50	FNV	55°	900	6,000
Sylvania	50	FNV	60°	1,200	4,000

All values listed here are manufacturers' bare lamp data. Operation of these lamps in Magic Wand MR16 will produce nearly identical beamsreads.