

# MINI WAND™ MR16 W-OBMX

surface mounted low voltage wallwasher

LOW  
VOLTAGE  
2-246

## FEATURES

Mini Wand MR16 W-OBMX is a wallwasher designed for use with 12-volt MR-16 flood or wide flood lamps (50-watt maximum). Fixture is designed for mounting on a 4" octagonal mounting box (by others) and includes an integral 120/12-volt electronic transformer mounted on top of the outlet box cover.

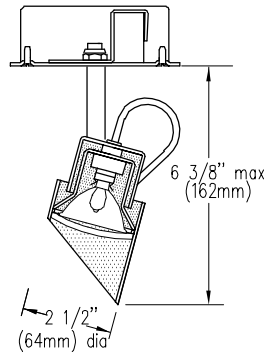
The optical assembly for Mini Wand MR16 W-OBMX consists of an integral specular reflector and a 40° x 70° spread lens.

A flared socket cap prevents any backsplash of light on ceilings.

Concealed swivels provide 350° horizontal rotation as well as vertical adjustment from 0° to 90°. Focus is positively locked by tightening the knurled ends of the stems.

Fixture accepts one or two of a number of Optical Accessories including a UV filter and color filters.

Mini Wand fixtures are constructed of aluminum components for lightweight durability. Standard finish is matte white with a white socket lead; also available in black and Industrial Silver matte paint finishes.



## APPLICATIONS



Fixtures are suitable for wallwashing in museums, galleries, showrooms, residences, restaurants, offices and stores.

Fixtures are suitable for 120-volt electrical service and listed for mounting on a standard 4" octagonal outlet box (by others).

## PRODUCT CODE

Complete Product Code.....MW3/MR16 W-OBMX  
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

### 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.
- ▶ Fixture is available on special order *without* an integral transformer, for use on a 12-volt circuit with a remote transformer (by others).



# MINI WAND MR16 W-OBMX

## PHOTOMETRIC REPORT

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

Luminaire ..... surface mounted adjustable wallwasher; 40° x 70° spread lens with specular reflector

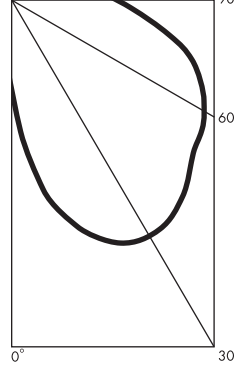
Lamp ..... Sylvania 50MR16Q/60/VWFL/T, 12V, 880 lumens (estimated)

## 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 Mini Wand MR16 O-OBMX will produce nearly identical beamspreads.