

MINIMAX™ MR16 W

track mounted low voltage wallwasher



FEATURES

MiniMax MR16 W is a wallwasher designed for use with 12-volt MR-16 flood or wide flood lamps (75-watt maximum). Fixture includes an integral electronic transformer. Fixture may be mounted on and powered by any of eighteen 20-amp 120-volt Edison Price Lighting track systems.

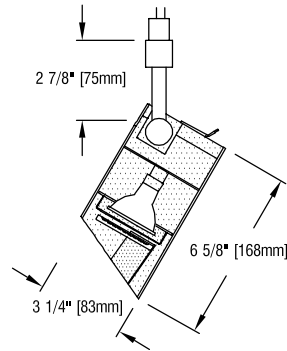
The optical assembly for MiniMax MR16 W consists of a hammered aluminum reflector and 40° x 70° spread lens. This assembly is fixed in place for precise aiming and easily removed as a unit for relamping.

A concealed swivel provides 385° horizontal rotation and vertical adjustment from 0° to 90°. The swivel is permanently tensioned, allowing the fixture to remain fixed at any aiming angle. MiniMax MR16 W's can be fully locked in place, in both vertical and horizontal planes, simply by depressing a hinged ('lever lock') bar so that it lies flush with the top of the fixture. Locked in this way, fixture will maintain focus even when manipulated for re-lamping. Lifting the lever lock frees the swivel and allows re-aiming.

MiniMax MR16 W fixtures accept one or two of a number of Optical Accessories including a UV filter, color filters and light reduction screens.

MiniMax fixtures have seamless aluminum housings for lightweight durability and cast aluminum tops for heat dissipation. Standard finish is matte white; also available in black and Industrial Silver matte paint finishes.

MiniMax MR16 W includes a white or black on-off rocker switch mounted flush within the track adapter. A white switch is provided with white fixtures and a black with Industrial Silver or black fixtures. Specify which for custom color fixtures.



PRODUCT CODE

Complete Product Code..... MM MR16 W

OPTIONS

Specify by adding to the product code.

matte black housing finish – BLK
Industrial Silver housing finish – SIL
custom color paint housing finish
identify color in specification CCH

OPTICAL ACCESSORIES

Specify as separate line items.

All are 2³/₈" (60mm) dia. Lenses and filters are glass; screens are aluminum.

UV filterUVF/2.375

color filters

Daylight Blue DAY/2.375

Surprise Pink PNK/2.375

amberAMB/2.375

blue BLU/2.375

green GRN/2.375

red RED/2.375

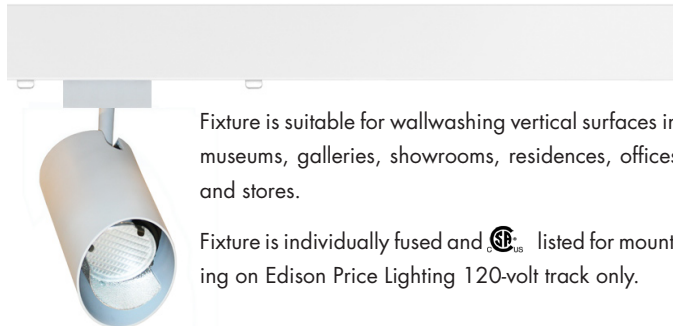
33% light reduction screenSCR33/2.375

50% light reduction screenSCR50/2.375

- ▶ 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.

Fixture Spacing Requirements The track adapter of this fixture is 9" long. For this reason 1) it cannot be track-mounted closer than 9 1/4" on center and 2) it cannot be used with 5 of our 7 **Unicep** single-fixture track units.

APPLICATIONS



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

Fixture is individually fused and listed for mounting on Edison Price Lighting 120-volt track only.

For the outlet box mounted version of this fixture, see **MiniMax MR16 W-OBMX**.



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MINIMAX MR16 W

PHOTOMETRIC REPORT

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

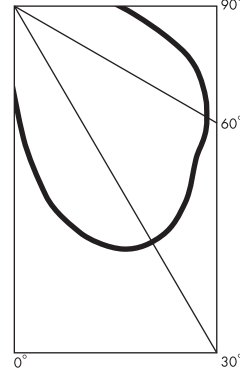
Luminaire track-mounted adjustable wallwasher; 40° x 70° spread lens with specular reflector, tilted towards the wall at 30° from vertical
 Lamp Sylvania 50MR16Q/60/VWFL/T, 12V, 880 lumens (estimated)

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 Artima MR16 will produce nearly identical beamspreads.