

ARTIMA® MR16 W

track mounted low voltage wallwasher



FEATURES

Artima 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.

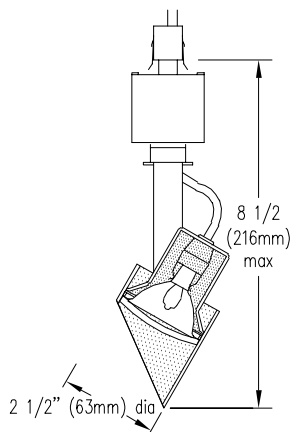
The optical assembly for Artima MR16 W consists of an integral specular reflector and 40° x 70° spread lens. This assembly, and its setting, is entirely undisturbed by relamping.

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

Artima MR16 W fixtures provide 385° horizontal rotation and vertical adjustment from 0° to 90°. Lamp focus can be locked by tightening two collar clamps using 3/32" and 7/64" hex keys.

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

Because their track adapters are entirely concealed within the track, Artima 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, offices and stores.

Fixture is cULus listed for mounting on Edison Price Lighting 120-volt track only.

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

PRODUCT CODE

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

OPTIONS

Specify by adding to the product code.

rocker type **on/off switch** in side of transformer case – SW
to accommodate switch 2 1/16" long transformer case lengthens to 3 1/16" long, and 3/8" long upper stem lengthens to 3/4";
white switch for white fixture, black for Silver or black fixture,
specify which for custom color fixture

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, includes black socket lead – BLK

Industrial Silver housing finish, includes black socket lead..... – 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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ARTIMA 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

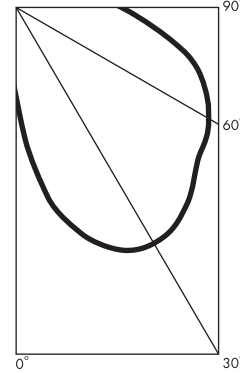
Lamp Sylvania 50MR16Q/60/VWFL/T, 12V, 880 lumens (estimated)

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 Artima MR16 will produce nearly identical beamspreads.