

MINIMAX™ MR16 O

track mounted low voltage accent light



FEATURES

MiniMax MR16 O is an accent light designed for use with 12-volt MR-16 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.

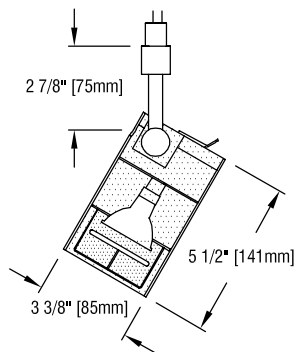
The optical assembly for MiniMax MR16 O consists of a Solite prismatic lens and black cross-baffle which reduces spill light and controls lamp brightness. This assembly is fixed in place for precise aiming and easily removed as a unit for relamping.

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 O'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.

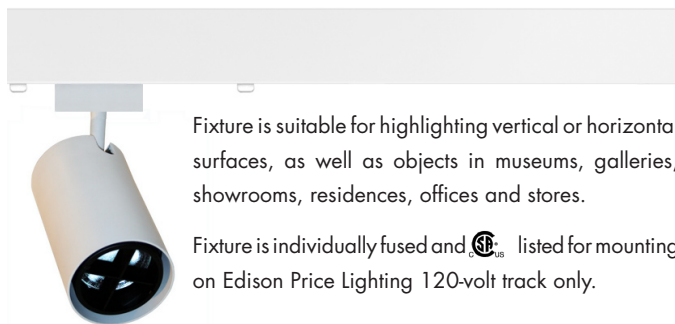
MiniMax MR16 O fixtures accept one or two of a number of Optical Accessories, including spread lenses, a beam smoother, a UV filter, color filters and light reduction screens.

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 O 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.



APPLICATIONS



Fixture is suitable for highlighting vertical or horizontal surfaces, as well as objects 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 O-OBMX**.

PRODUCT CODE

Complete Product Code..... MM MR16 O

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

diffuse glass DGS/2.375
prismatic lens (Solite, *included with fixture*) PLS/2.375
55° spread lens LENS/2.375
40° x 70° spread lens LENS/2.375-4070
beam smoother CLR/2.375
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.

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.



41-50 22ND STREET, LIC NY 11101 TEL 718.685.0700 FAX 718.786.8530 www.epl.com

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MINIMAX MR16 O

PHOTOMETRIC REPORT – SPOT

LTL (Luminaire Testing Laboratory, Inc.) Report No. 05763.
Original test report furnished upon request.

Luminaire track-mounted accent light with specular black reflector and clear protective glass

Lamp Sylvania 50MR16Q/10/NSP/T, 12V
880 lumens (measured)

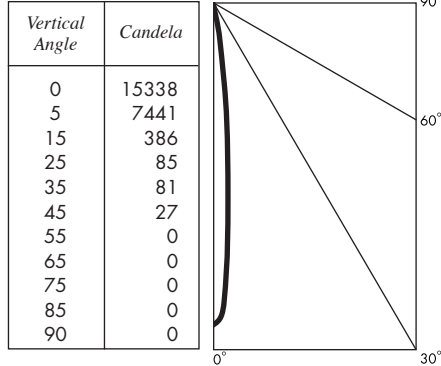
Efficiency 86.6%

LUMINANCE DATA

Vertical Angle	Candela
45	14959
55	0
65	0
75	0
85	0

To convert cd/m² to footlamberts multiply by 0.2919.

CANDLEPOWER DISTRIBUTION



PHOTOMETRIC REPORT – FLOOD

LTL (Luminaire Testing Laboratory, Inc.) Report No. 05762.
Original test report furnished upon request.

Luminaire track-mounted accent light with specular black reflector and clear protective glass

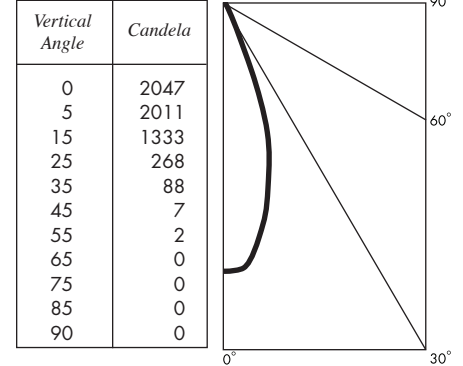
Lamp Sylvania 50MR16Q/40/FL/T, 12V
880 lumens (measured)

Efficiency 86.3%

LUMINANCE DATA

Vertical Angle	Candela
45	3997
55	1208
65	0
75	0
85	0

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.