

MINIMAX™ MR16 O-OBMX

surface mounted low voltage accent light

LOW
VOLTAGE
2-253

FEATURES

MiniMax MR16 O-OBMX is an accent light designed for use with 12-volt MR-16 lamps (75-watt maximum). Fixture is designed for mounting on a 4" octagonal outlet box (by others) and includes an integral 120/12-volt electronic transformer mounted on top of the outlet box cover.

The optical assembly for MiniMax MR16 O-OBMX consists of a prismatic lens and black cross-baffle which reduces spill light and controls lamp brightness. The 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-OBMX'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-OBMX 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.

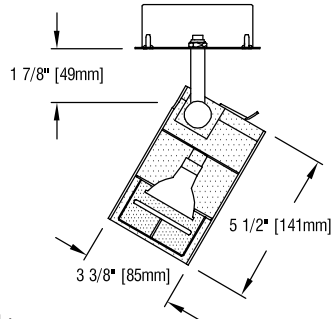
MiniMax fixtures have seamless aluminum housings for lightweight durability and cast aluminum tops for heat dissipation. Standard finish is matte white; also available in black and Industrial Silver matte paint finishes.

APPLICATIONS



Fixture is suitable for highlighting vertical or horizontal surfaces, as well as objects in museums, galleries, showrooms, residences, offices and stores.

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



PRODUCT CODE

Complete Product Code.....MM MR16 O-OBMX

OPTIONS

Specify by adding to the product code.

- matte black** housing finish
for on/off switch, consult factory - BLK
- Industrial Silver** housing finish
for on/off switch, consult factory - SIL
- custom color** paint housing finish
identify color in specification CCH

OPTICAL ACCESSORIES

Specify as separate line items.

All are 2 3/4" (70mm) 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.
- ▶ **Important installation note:** If controlled by a dimmer, please use dimming equipment compatible with the design (electronic or magnetic) of the fixture transformer.
- ▶ An on-off rocker switch is available on special order. Contact factory.



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MINIMAX MR16 O-OBMX

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)

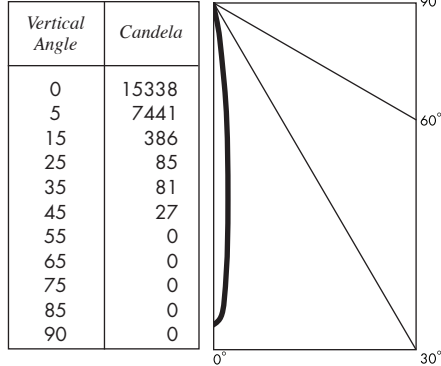
Efficiency 86.6%

LUMINANCE DATA

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

To convert cd/m^2 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

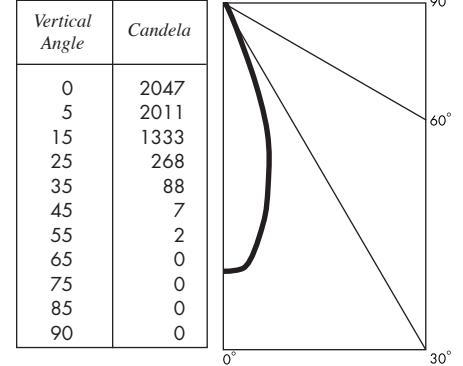
Lamp Sylvania 50MR16Q/40/FL/T, 12V
880 lumens (measured)

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.