

# MAGIC WAND® AR70-OBM

surface mounted low voltage accent light

LOW  
VOLTAGE  
2-346

## FEATURES

Magic Wand AR70-OBM is an accent light designed for use with Sylvania 12-volt quartz halogen AR-70 spot or flood lamps (50-watt maximum). The fixture is designed for mounting to a 4" octagonal outlet box (by others) and has an integral 120/12-volt electronic transformer.

The combination of a specular black conical reflector and the capped filament AR lamp results in very low aperture brightness.

Concealed swivels provide 350° horizontal rotation as well as vertical adjustment from 0° to 90°. Swivels are permanently tensioned, allowing the fixture to remain fixed at any aiming angle.

Magic Wand AR70-OBM accepts one or two of a number of Optical Accessories including spread lenses, a beam smoother, a UV filter and color filters.

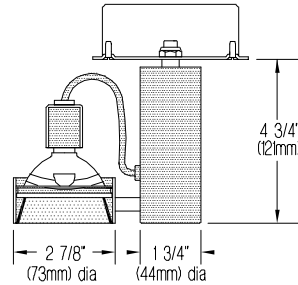
Magic Wand fixtures have seamless aluminum housings for lightweight durability. Standard finish is matte white with a white socket lead; also available in black and Industrial Silver matte paint finishes.

## APPLICATIONS



Fixture is suitable for directional accent and display highlighting in museums, galleries, showrooms, residences, restaurants, offices and stores.

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



## PRODUCT CODE

Complete Product Code.....MW/AR70-OBM  
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 3/4" (70mm) dia. Lenses and filters are glass; screens are aluminum.

- diffuse glass** ..... DGS/2.75
- 55° spread lens** ..... LENS/2.75
- prismatic lens (Solite)** ..... PLS/2.75
- 40° x 70° spread lens** ..... LENS/2.75-4070
- beam smoother** ..... CLR/2.75
- UV filter** ..... UVF/2.75
- color filters**
- Daylight Blue ..... DAY/2.75
- Surprise Pink ..... PNK/2.75
- amber ..... AMB/2.75
- blue ..... BLU/2.75
- green ..... GRN/2.75
- red ..... RED/2.75
- 33% light reduction screen** ..... SCR33/2.75
- 50% light reduction screen** ..... SCR50/2.75

► If controlled by a dimmer, please use dimming equipment compatible with the integral electronic transformer.



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# MAGIC WAND AR70-OBM

## PHOTOMETRIC REPORT – SPOT

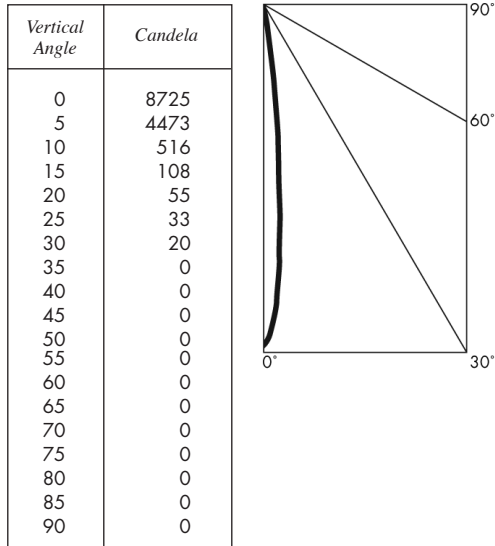
Report No. 35397. Original Independent Testing Laboratories, Inc. (ITL) test report furnished upon request.

Luminaire ..... surface mounted adjustable accent light with specular black reflector and clear protective glass (no longer required)

Lamp ..... Sylvania 50-watt AR-70 SP, 12V  
400 lumens (measured by ITL)

Efficiency ..... 87.9%

### CANDLEPOWER DISTRIBUTION



## PHOTOMETRIC REPORT – FLOOD

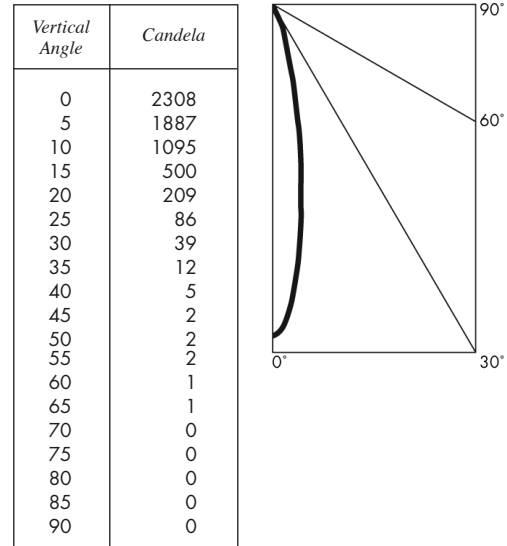
Report No. 35398. Original Independent Testing Laboratories, Inc. (ITL) test report furnished upon request.

Luminaire ..... surface mounted adjustable accent light with specular black reflector and clear protective glass (no longer required)

Lamp ..... Sylvania 50-watt AR-70 FL, 12V  
430 lumens (measured by ITL)

Efficiency ..... 83.0%

### CANDLEPOWER DISTRIBUTION



### LUMINANCE DATA

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

To convert cd/m<sup>2</sup> to footlamberts multiply by 0.2919.

### LUMINANCE DATA

Vertical Angle	Candela
45	238
55	191
65	86
75	0
85	0

To convert cd/m<sup>2</sup> to footlamberts multiply by 0.2919.

## SYLVANIA AR-70 LAMP INFORMATION

Wattage	Description	Beamspread (50% max)	Color	Initial Peak Candlepower	Average Life (Hours)
20	20AR70/10/SP	10	Silver	7000	2000
20	20AR70/30/FL	30	Silver	1000	2000
50	50AR70/10/SP	10	Silver	15000	2000
50	50AR70/G/10/SP	10	Gold	13500	2000
50	50AR70/30/FL	30	Silver	2000	2000
50	50AR70/G/30/FL	30	Gold	1800	2000

All values listed above are manufacturers' bare lamp data. Operation of these lamps in Magic Wand AR70-OBM will produce nearly identical beamspreads.