

Ceiling Cutout: 5 1/16" Dia.

Complete Fixture	Lamp
7038	MR16 42-75W (12V)

Features

- Socket/Heat Sink:** Deflector shield effectively reflects heat and assures lamps operate as designed. Pre-wired from J-Box with No. 18 SF1 leads. Snaps onto lamp for easy tool-less installation.
- Retaining Springs:** Precision tooled springs secure trim housing to mounting frame for quick tool-less installation.
- Mounting Brackets:** Adjust vertically from inside of fixture. Durable 16 ga. steel construction. Use with standard 3/4" or 1 1/2" lathing channels (by others) or Lightolier accessory mounting bars.
- Trim Ring:** Aluminum, die-formed 18 ga. matte white baked enamel.
- Mounting Frame:** Die-cast aluminum suitable for dry or plaster ceilings.
- Support Ring Assembly:** Provides up to 90° adjustment from vertical and 358° horizontal rotation.
- Junction Box:** Designed for inspection from below ceiling through frame-in ceilings up to 3/4" thick. 14 ga. steel, 4" x 4" x 2" box.
- Disconnect:** Hi-Temp connector for lamp socket, allows installation of replacement sockets without tools.
- Transformer:** 120/277V primary dual tap transformer, nominal 12V secondary, see electrical.
- Housing:** Aluminum 18 ga. matte black--all painted parts finished in baked enamel. Can be removed from below ceiling for access to splices--requires 5/8" spacing above housing.
- Seamless Elbow:** Die-cast aluminum matte white finish.
- Step Baffle:** Die-cast aluminum stepped conical baffle for low brightness snaps out for relamping, matte black finish.
- Thermal Protector:** Meets NEC and UL requirements. Insulation must be kept 3" away from fixture sides and wiring compartments and must not be placed above fixture in a manner which will entrap heat.

Accessories/Options

- 18" Mounting Bars** 1950 (set of 2)
- 27" Mounting Bars** 1951 (set of 2)
- T-Bar Anchor Clips** 1956 (set of 4, for 1950 & 1951 bars)
- Wood Joist Mtg. Bars** 7994 (set of 2)
- Existing Ceiling Clips** 7998 (set of 2)
- Replacement Sockets** 1975C (MR16 Socket w/connector)

Accessories/Options (continued)

Glass Media (2" Dia.)

- | | |
|------------------------------------|--------------------------------|
| AF2BL Blue lens | AF2BG Blue-Green |
| AF2RD Red lens | AF2YG Yellow-Green |
| AF2GR Green lens | AF2MA Med. Amber |
| AF2MM Med. Magenta | AF2LS Light Straw |
| AF2SP Surprise Pink | AF2BA Bastard Amber |
| AF2SB Steel Blue | AF2LP Light Pink |
| AF2DA Daylight | AF2LF Light Frost |
| AF2PF Perimeter Frost | AF2AS 5/55° Spread Lens |
| AF2SY 55° Spread Lens | |
| AF2UV Ultraviolet Reduction | |

Electrical

UL listed for maximum of 8 No. 12, 75°C through branch circuit conductors, or 60°C supply conductors for end of run. For use with dimmers rated for low voltage (magnetic transformer) only – consult Lightolier controls catalog.

Lamp:	42W	50W	75W
Output Voltage:	11.9	11.8	11.3
Relative Output:	97%	95%	84%

Labels

UL Listed for damp locations, I.B.E.W.

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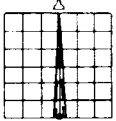
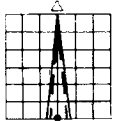
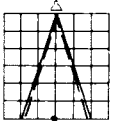
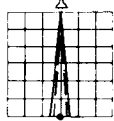
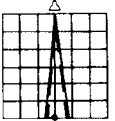
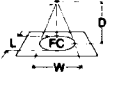
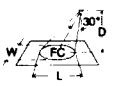
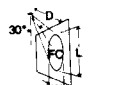
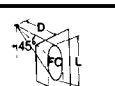
Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Lightolier a Genlyte Thomas Company www.lightolier.com
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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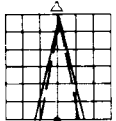
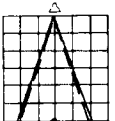
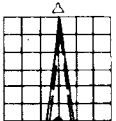
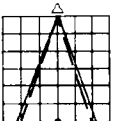
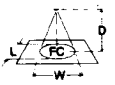
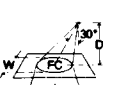
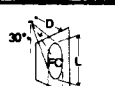
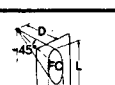
LIGHTOLIER®



Lighting Performance Data

	EZX 20W MR-16 VNSP	ESX 20W MR-16 NSP	BAB 20W MR-16 FL	EZY 42W MR-16 VNSP	EXT 50W MR-16 NSP
FOOTCANDLES (On Beam Center at 6')	 250	 92	 13	 333	 254
BEAM SPREAD (to 50% Max. CP)	5°x7°	10°x13°	36°x37°	7°x9°	11°x13°
MAX. CANDLEPOWER (Candelas)	9,000	3,300	460	12,000	9,150
RATED LIFE (Hours)	3,000	2,000	2,000	3,000	3,000
COLOR TEMPERATURE	2,925 °K	2,950 °K	2,950 °K	3,000 °K	3,025 °K
0° AIMING ANGLE Illumination on Horizontal Plane					
	D FC L W	D FC L W	D FC L W	D FC L W	D FC L W
30° AIMING ANGLE Illumination on Horizontal Plane					
	D FC L W	D FC L W	D FC L W	D FC L W	D FC L W
30° AIMING ANGLE Illumination on Vertical Plane					
	D FC L W	D FC L W	D FC L W	D FC L W	D FC L W
45° AIMING ANGLE Illumination on Vertical Plane					
	D FC L W	D FC L W	D FC L W	D FC L W	D FC L W

FC is initial footcandles at center of beam. L and W are to the point that the candlepower drops to 50% of maximum.

	EZX 50W MR-16 NFL	EXN 50W MR-16 FL	EYF 75W MR-16 NSP	EYC 75W MR-16 FL
FOOTCANDLES (On Beam Center at 6')	 83	 42	 319	 56
BEAM SPREAD (to 50% Max. CP)	22°x27°	37°x39°	14°x15°	38°x40°
MAX. CANDLEPOWER (Candelas)	3,000	1,500	11,500	2,000
RATED LIFE (Hours)	3,000	3,000	3,500	3,500
COLOR TEMPERATURE	3,025 °K	3,050 °K	3,025 °K	3,050 °K
0° AIMING ANGLE Illumination on Horizontal Plane				
	D FC L W	D FC L W	D FC L W	D FC L W
30° AIMING ANGLE Illumination on Horizontal Plane				
	D FC L W	D FC L W	D FC L W	D FC L W
30° AIMING ANGLE Illumination on Vertical Plane				
	D FC L W	D FC L W	D FC L W	D FC L W
45° AIMING ANGLE Illumination on Vertical Plane				
	D FC L W	D FC L W	D FC L W	D FC L W

FC is initial footcandles at center of beam. L and W are to the point that the candlepower drops to 50% of maximum.

Data are based on bare lamp photometrics.

Job Information Type:

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