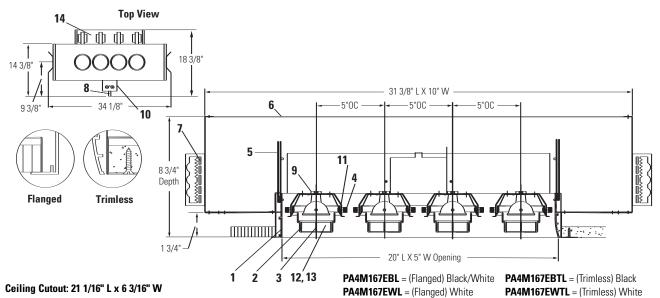
Calculite® ProSpec® Linear Downlight PA4M1675

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Ordering Information: MR 16 Series A

Craoming information that to correct the											
Cat. No.	Lamp	Ceiling Trim	Aperture Finish								
PA4M167EBL	(4) 75W MR 16*	Overlap	Black with White Flange								
PA4M167EWL	(4) 75W MR 16*	Overlap	White with White Flange								
PA4M167EBTL	(4) 75W MR 16*	Trimless	Black								
PA4M167EWTL	(4) 75W MR 16*	Trimless	White								
	*50M/ may Jamping whon using accessories										

Features

- Aperture Frame: Provides clean support for lamp holders and overlapping flange or trimless installation. Extruded aluminum. Rigidly welded together on all corners.
- Media Cartridge: Allows convenient loading and removal of up to two accessories (including lamp cover glass; lamp cover glass may be replaced with solid glass accessory). Easily installed and removed for lamping with a simple twisting motion. Constructed of die-formed aluminum.
- Cross Blade Louver: Extruded aluminum. 1" deep, provides additional shielding and can be easily removed.
- Adjustable Ring: Allows 360° horizontal and 35° (on width) and 45° (on length) vertical adjustment.
- 5. Tortiontite Spring: For easy installation of aperture frame.
- 6. Housing: Die-formed 22 ga. steel. Finish: Black
- 7. Mounting Brackets: Adjustable vertically from outside of housing.
- 8. Thermal Protector: Meets NEC and UL requirements.
- 9. Lampholder: Steatite for GX/GY 5.3 Bi-Pin lamps. 250°C Teflon® leads
- 10. Junction Box: 14 ga. steel, 4" x 31/2" x 2" box. Allows inspection from below.
- Lamp and Accessory Support: .032" steel, flared for easy entry of Media Cartridge.
- 12. Lens Retaining Ring: .093" spring steel rod. Holds accessories in place.
- 13. Lamp Guard: Heat resistant clear glass. Lamp manufacturers requirement.
- 14. Transformer Housing: Die formed 18 ga. steel.

Electrical

Electronic Transformers: Offer reliable operation and are accessible from below for servicing, 12V Secondary 75 VA. each lamp.

Dimming Controls: Use only dimmers specifically designed for use with electronic transformers. Low Voltage fixtures may produce audible sound when used with dimmers, which may be objectionable in acoustically critical areas.

UL /cUL listed for through branch circuit wiring with maximum of (8) no. 12 AWG, 90° C.

Finish

All painted finishes are powder coated baked enamel.

Options & Accessories

Accessories: 2 1/2" dia. series, filters, lenses, screens, and louvers. (2) accessories maximum, including lamp cover glass. Lamp guard glass may be replaced with solid glass accessory.

Add a "1" for 120v or "2" for 277v at the end of the catalog number for voltage

Labels

UL/cUL (Suitable for Damp Location), I.B.E.W.

Teflon® is a registered trademark of E.I. DuPont.

US Patent Pending.

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

Lightolier a Genlyte Company www.lightolier.com 631 Airport Road, Fall River, MA 02720 ◆ (508) 679-8131 ◆ Fax (508) 674-4710 We reserve the right to change details of design, materials and finish.

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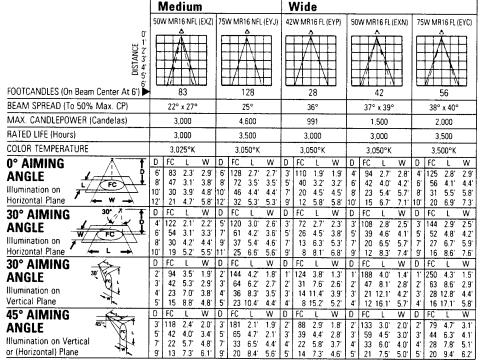


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Lighting Performance Data

		Var	rov	/																
	421	√MR1	6 VNS	P (EZY	42V	V MR1	6 NSP	(EYR	42'	W MR	16 SP	(EYS)	50V	V MR1	6 NSF	(EXT)	750	V MR	6 NSF	(EYF)
O 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			33				97				78				54			3	19	
BEAM SPREAD (To 50% Max. CP)		7°	x 9°			11.5°			20°					11° x 13°				14° x 15°		
MAX. CANDLEPOWER (Candelas)	12,000				7,076			2,800					9, 150				11,500			
RATED LIFE (Hours)	3,000				3,000				3.	.000			3,000				3,500			
COLOR TEMPERATURE	3,000°K				3,000°K			3,000°K					3,025°K				3,025°K			
O° AIMING ANGLE Illumination on Horizontal Plane 30° AIMING 30° AIMING	8 12 16 20	FC 188 83 47 30 FC	L 1.0' 1.5' 2.0' 2.5'	W 1.3' 1.9' 2.5' 3.1' W	0 7' 10' 13' 16'	FC 144 71 42 38 FC	L 1.4' 2.0' 2.6' 3.2'	W 1.4' 2.0' 2.6' 3.2' W	D 4' 6' 8' 10'	FC 175 78 44 28 FC	1.4' 2.1' 2.8' 3.5'	W 1.4' 2.1' 2.8' 3.5' W	D 7' 10' 13' 16' D	FC 187 92 54 35 FC	L 1.3' 1.9' 2.5' 3.1'		D 8' 12' 16' 20'	FC 180 80 45 25 FC	2.0° 2.9° 3.9° 4.9°	W 2.1' 3.2' 4.2' 5.3'
ANGLE Illumination on Horizontal Plane	7' 10' 13' 16'	159 77 46 30	1.1' 1.6' 2.1' 2.6'	1.3' 1.8' 2.4' 2.9'	6' 9' 12' 15'	128 57 32 20	1.6' 2.4' 3.2' 4.0'	1.4 2.1 2.8 3.5	3' 5' 7' 9'	202 73 37 22	1.4' 2.4' 3.3' 4.3'	1.2' 2.0' 2.9' 3.7'	6' 9' 12' 15'	165 73 41 26	1.5' 2.3' 3.1' 3.9'	1.6' 2.4' 3.2' 3.9'	7' 10' 13' 16'	152 75 44 29	2.3 3.3 4.3 5.3	2.1' 3.0' 4.0' 4.9'
30° AIMING ANGLE Illumination on Vertical Plane	D 3 4 5 6	FC 167 94 60 41	1.5' 2.0' 2.5' 3.0'	0.9' 1.3' 1.6' 1.9'	2' 3' 4' 5'	FC 221 98 55 35	1.7' 2.5' 3.3' 4.2'	0.8' 1.2' 1.6' 2.0'	1' 2' 3' 4'	FC 350 88 39 22	1.6' 3.1' 4.7' 6.2'	0.7' 1.4' 2.1' 2.8'		FC 286 127 71 46	1.6° 2.4° 3.2° 4.0°	0.9° 1.4° 1.8° 2.3°	D 3 4 5 6	FC 160 90 58 40	3.1° 4.1° 5.1° 6.2°	1.6' 2.0' 2.6' 3.2'
45° AIMING ANGLE Illumination on Vertical or (Horizontal) Plane	5' 7' 9' 11'	FC 170 87 52 35	1.2' 1.7' 2.2' 2.7'	W 1.1' 1.6' 2.0'	D 4' 6' 8' 10'	FC 156 69 39 25	1.6' 2.4' 3.3' 4.1'	W 1.1' 1.7' 2.3' 2.8'	D 3 4 5 6	FC 110 62 40 27	2.2' 2.9' 3.6' 4.4'	W 1.5' 2.0' 2.5' 3.0'	D 4' 6' 8' 10'	FC 202 90 51 32	1.6' 3.2' 3.1' 3.9'	1.3' 1.9' 2.6'	D 5' 7' 9' 11'	FC 163 83 50 34	2.5° 3.5° 4.5° 5.5°	W 1.9' 2.6' 3.4' 4.1'



in D w 7	Beam Center Location												
30° 1	Distance D (ft.)	1	2	3	4	5	6	7	8	9	10		
' \(\frac{1}{\chi}\)	Distance C (ft.)	1.7	3.5	5.2	6.9	8.7	10.4	12.1	13.8	15.6	17.3		

This chart locates the distance (C) to the center of the light beam for various distances (D) when the lamp is aimed 30° from vertical, the preferred aiming angle for lighting pictures on a wall.

Data are based on bare lamp photometrics. Dashed lines in beam spreads indicate narrow axes of oval shaped beams. FC is initial footcandles at center of beam. L and W are to the point that the candlepower drops 50% of maximum.

Job Information

Type:

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