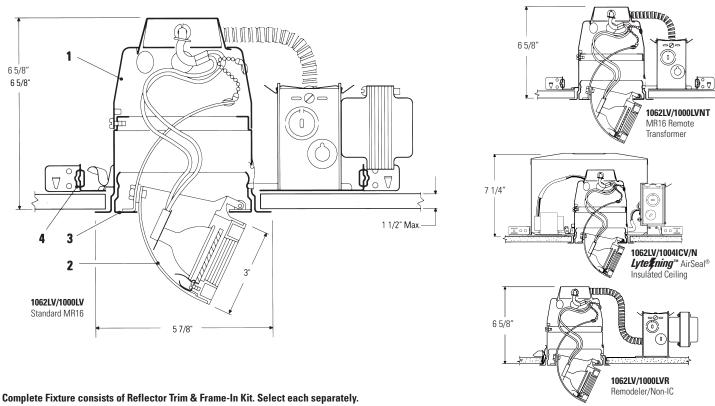


Lytecaster® Recessed Downlighting 1062LV

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5" Aperture Low Voltage Elbow Reflector Trim 70°



Reflector Trim	Frame-In Kit — See Individual Frame-In Kit Specification Sheets											
1062LV Matte White		Low Voltage										
	Frame-In Kit	Ceiling Type	Lamping	Height								
	1000LV 1000LVR 1000LVE1 1000LVE2 1000LVRE1	Non-IC Non-IC Remodeler	42W - 75W MR16	6 5/8"								
	1000LVNT	Non-IC Remote Trans	20W - 65W MR16	6 5/8"								
	1004ICV/N	AirSeal® IC	20W - 50W MR16	7 1/4"								
	1000ICV 1920LV (1002P1)	IC Conversion Kit	20W- 35W MR16	7 5/16"								

Features

- 1. Housing: Hydroformed aluminum, .040" thick (18 ga.): matte white trim flance
- 2. Elbow: Seamless; die cast aluminum with stepped conical baffle for low brightness. Matte white finish outside; matte black inside.
- 3. Support Ring Assembly: Provides 358° horizontal rotation and 0° to 70° vertical adjustment. Matte white finish.
- Frame-In Kit: (1000LV standard frame shown) Other frames listed above and shown on the right. See Frame-In Kit specification sheets for more details.

Options & Accessories

Retaining Clips: 1955 - For Installing in Existing Ceiling. MR16 Framing Projector: 6497 - Attaches to elbow

Extra Wide Trim Flange: 4497 - Attaches to elbow 1957 - 7" Outside diameter.

MR16 Replacement Socket: 1975A

Labels

UL (Suitable for Damp Locations), I.B.E.W.

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

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Lytecaster® Recessed Downlighting 1062LV

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5" Aperture Low Voltage Elbow Reflector Trim 70°

1:1: 5 / 5								
Lighting Performance Data								
	Narrow							
	20W MR16 VNSP (EZX	20W MR16 NSP (ESX)		42W MR16 NSP (EYR)	42W MR16 SP (EYS)	50W MR16 NSP (EXT)		
DISTANCE								
FOOTCANDLES (On Beam Center At 6')	250	92	333	197	78	254		
BEAM SPREAD (To 50% Max. CP)	5° x 7°	10° x 13°	7° x 9°	11.5*	20°	11° x 13°		
MAX. CANDLEPOWER (Candelas)	9,000	3,300	12,000	7,076	2,800	9, 150		
RATED LIFE (Hours)	3,000	2,000	3,000	3,000	3,000	3,000		
COLOR TEMPERATURE	2,925°K	2,925°K	3,000°K	3,000° K	3,000° K	3,025° K		
O° AIMING ANGLE Illumination on Horizontal Plane 30° AIMING ANGLE Illumination on Horizontal Plane 30° AIMING ANGLE Illumination on Vertical Plane	D FC L W 7' 184 0.6' 0.9' 10' 90 0.9' 1.2' 13' 53 1.1' 1.6' 16' 35 1.4' 2.0' D FC L W 6' 162 0.7' 0.8' 9' 72 1.0' 1.3' 12' 41 1.4' 1.7' 15' 26 1.7' 2.1' D FC L W 2' 281 0.7' 0.5' 3' 125 1.1' 0.7' 4' 70 1.4' 1.0' 5' 45 1.8' 1.2'	D FC L W 6 92 1.0" 1.4" 8 52 1.4" 1.4" 10 33 1.7" 2.3" 12" 23 2.1" 2.7" D FC L W 4" 134 0.9" 1.1" 6 60 1.4" 1.6" 8 33 1.9" 2.1" 10 21 2.3" 2.6" 10 FC L W 2 103 1.4" 0.9" 3 46 2.1" 1.4" 4 26 2.9" 1.4" 4 26 2.9" 1.4"	D FC L W 8 188 1.0 1.3 1.5 1.6 1.6 1.7 1.6 1.8 1.1 1.6 1.8 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	D FC L W 7 144 1.4' 1.4' 1.4' 1.4' 1.6' 2.6' 2.6' 16' 38 3.2' 3.2' D FC L W 6' 128 1.6' 1.4' 9' 57 2.4' 2.1' 12' 32 3.2' 2.8' 15' 20 4.0' 3.5' 15' 20 4.0' 3.5' 2' 221 1.7' 0.8' 3' 98 2.5' 1.2' 4' 55 3.3' 4.2' 2.0'	10' 28 3.5' 3.5' D FC L W 3' 202 1.4' 1.2' 5' 73 2.4' 2.0'	D FC L W 7' 187 1.3' 1.6' 187 1.3' 1.6' 192 1.9' 2.3' 13' 54 2.5' 3.0' 16' 35 3.1' 3.6' D FC L W 6' 165 1.5' 1.6' 9' 73 2.3' 2.4' 12' 41 3.1' 3.2' 15' 26 3.9' 3.9' 3' 127 2.4' 1.4' 4' 71 3.2' 1.8' 4' 47 13 2.2' 1.8'		
45° AIMING ANGLE Illumination on Vertical or (Horizontal) Plane	D FC L W 4' 199 0.7' 0.7' 6' 88 1.0' 1.0' 8' 50 1.4' 1.4' 10' 32 1.7' 1.7'	D FC L W 3' 130 1.1' 1.0' 5' 47 1.8' 1.6' 7' 24 2.5' 2.3' 9' 14 3.2' 2.9'	D FC L W 5' 170 1.2' 1.1' 7' 87 1.7' 1.6' 9' 52 2.2' 2.0' 11' 35 2.7' 2.4'	D FC L W 4' 156 1.6' 1.1' 6' 69 2.4' 1.7' 8' 39 3.3' 2.3' 10' 25 4.1' 2.8'	D FC L W 3' 110 2.2' 1.5' 4' 62 2.9' 2.0' 5' 40 3.6' 2.5' 6' 27 4.4' 3.0'	D FC L W 4' 202 1.6' 1.3 6' 90 3.2' 1.9 8' 51 3.1' 2.6 10' 32 3.9' 3.2		

	M	ledi	ium	1	٧	Vid	е									
	50W	/ MR16	6 NFL	(EXZ)	20\	V MR	16 FL (BAB)	42\	N MF	116 FL (EYP)	50V	V MR	16 FL (I	EXN)
0' 1' 2' 2' 2' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3' 3'		/	3				13				28				42	
BEAM SPREAD (To 50% Max. CP)	22° x 27°			36° x 37°			36*			37° x 39°						
MAX. CANDLEPOWER (Candelas)		3,0	000			460				991			1,500			
RATED LIFE (Hours)		3,000			2,000			3,000			3,000					
COLOR TEMPERATURE		3,025°K			2,950°K			3,050° K			3,050°K					
O° AIMING ANGLE Illumination on Horizontal Plane	D 6' 8' 10' 12'	47 30	2.3' 3.1' 3.9' 4.7'	2.9' 3.8' 4.8' 5.8'	D 2' 4' 6' 8'	FC 115 29 13 7	1.3' 2.6' 3.9' 5.2'	W 1.3' 2.7' 4.0' 5.3'	D 3' 5' 7' 9'	FC 110 40 20 12	1.9' 3.2' 4.5' 5.8'	W 1.9' 3.2' 4.5' 5.8'	D 4' 6' 8' 10'	FC 94 42 23 15	2.7' 4.0' 5.4' 6.7'	2.8' 4.2' 5.7' 7.1'
30° AIMING ANGLE Illumination on Horizontal Plane	D 4' 6' 8' 10'	54 30	2.1' 3.1' 4.2' 5.2'	2.2' 3.3' 4.4' 5.5'	D 2' 4' 6' 8'	FC 75 19 8 5	1.8' 3.6' 5.4' 7.2'	2.5' 3.1' 4.6' 6.1'	D 3' 5' 7' 9'	FC 72 26 13 8	2.7' 4.5' 6.3' 8.1'	2.3' 3.8' 5.3' 6.8'	D 3' 5' 7' 9'	FC 108 39 20 12	2.8' 4.6' 6.5' 8.3'	2.5' 4.1' 5.7' 7.4'
30° AIMING ANGLE Illumination on Vertical Plane	D 2' 3' 4' 5'	42 23	3.5' 5.3' 7.0' 8.8'	1.9' 2.9' 3.8' 4.8'	D 1' 2' 3' 4'	FC 58 14 6 4	3.8' 7.6' 11.4' 5.3'	1.3' 2.7' 4.0' 5.3'	D 1' 2' 3' 4'		3.8' 7.6' 11.4' 15.2'	W 1.3' 2.6' 3.9' 5.2'	D 1 2 3 4		L 4.0' 8.1' 12.1' 16.1'	1.4' 2.8' 4.2' 5.7'
45° AIMING ANGLE Illumination on Vertical or (Horizontal) Plane	3' 5' 7' 9'	42	2.4' 4.0' 5.7' 7.3'	2.0' 3.4' 4.8' 6.1'	D 2' 3' 4' 5'	FC 41 18 10 7	L 2.9' 4.4' 5.8' 7.3'	W 1.9' 2.8' 3.8' 4.7'	D 2' 3' 4' 5'	FC 88 39 22 14	2.9' 4.4' 5.8' 7.3'	1.8' 2.8' 3.7' 4.6'	D 2 3 4 5 5	FC 133 59 33 21	3.0' 4.5' 6.0' 7.5'	2.0' 3.0' 4.0' 5.0'

3	

Beam Center Location											
Distance D (ft.)											
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 shapped beams. FC is nitital footcandles at center of beam. L and W are to the point that the candlepower drops 50% of maximum

To convert lighting data for a lower wattage incandescent lamp of the same type, multiply the footcandle (or candlepower) values by the ratio of the lumens of the two lamps. The coefficients of utilization remain the same.

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