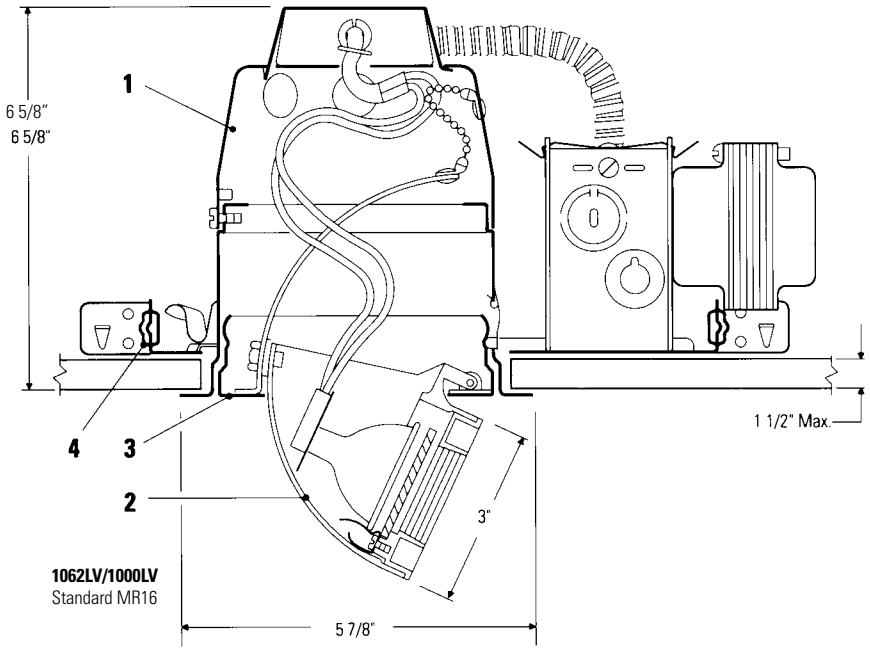
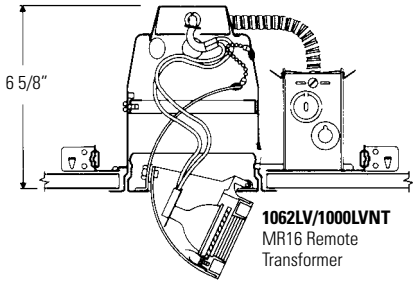
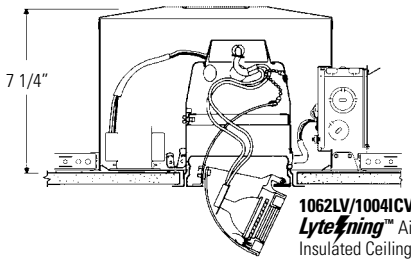
5" Aperture Low Voltage Elbow Reflector Trim 70°



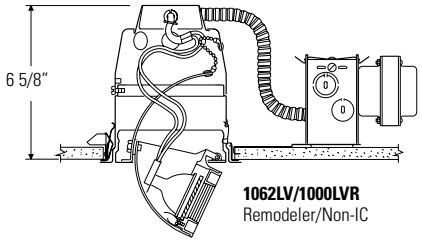
1062LV/1000LV
Standard MR16



1062LV/1000LVNT
MR16 Remote Transformer



1062LV/1004ICV/N
Lytening™ AirSeal®
Insulated Ceiling



1062LV/1000LVR
Remodeler/Non-IC

Complete Fixture consists of Reflector Trim & Frame-In Kit. Select each separately.

Reflector Trim	Frame-In Kit — See Individual Frame-In Kit Specification Sheets			
	Low Voltage			
	Frame-In Kit	Installation Type	Lamping	Height
1062LV Matte White	**1000LV** **1000LVR**	Non-IC Non-IC Remodeler	42W - 65W MR16	6 5/8" 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**	IC Conversion Kit	20W - 42W MR16	7 5/16"

Features

1. **Housing:** Hydroformed aluminum, .040" thick (18 ga.): matte white trim flange.
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.
4. **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:	**1957** - 7" Outside diameter.
MR16 Replacement Socket:	**1975A**

Labels

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

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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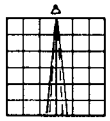
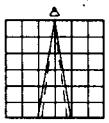
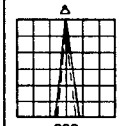
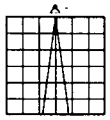
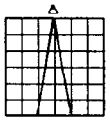
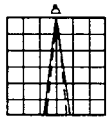
LIGHTOLIER®

Lighting Performance Data

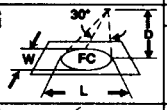
Narrow

	20W MR16 VNSP (EZX)	20W MR16 NSP (ESX)	42W MR16 VNSP (EZY)	42W MR16 NSP (EYR)	42W MR16 SP (EYS)	50W MR16 NSP (EXT)
DISTANCE 0'–6'						
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

0° AIMING ANGLE — Illumination on Horizontal Plane

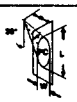
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
7'	184	0.6'	0.9'	6'	92	1.0'	1.4'	8'	188	1.0'	1.3'	7'	144	1.4'	1.4'	4'	175	1.4'	1.4'	7'	187	1.3'	1.6'
10'	90	0.9'	1.2'	8'	52	1.4'	1.8'	12'	83	1.5'	1.9'	10'	71	2.0'	2.0'	6'	78	2.1'	2.1'	10'	92	1.9'	2.3'
13'	53	1.1'	1.6'	10'	33	1.7'	2.3'	16'	47	2.0'	2.5'	13'	42	2.6'	2.6'	8'	44	2.8'	2.8'	13'	54	2.5'	3.0'
16'	35	1.4'	2.0'	12'	23	2.1'	2.7'	20'	30	2.5'	3.1'	16'	38	3.2'	3.2'	10'	28	3.5'	3.5'	16'	35	3.1'	3.6'

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	D	FC	L	W
6'	162	0.7'	0.8'	4'	134	0.9'	1.1'	7'	159	1.1'	1.3'	6'	128	1.6'	1.4'	3'	202	1.4'	1.2'	6'	165	1.5'	1.6'
9'	72	1.0'	1.3'	6'	60	1.4'	1.6'	10'	77	1.6'	1.8'	9'	57	2.4'	2.1'	5'	73	2.4'	2.0'	9'	73	2.3'	2.4'
12'	41	1.4'	1.7'	8'	33	1.9'	2.1'	13'	46	2.1'	2.4'	12'	32	3.2'	2.8'	7'	37	3.3'	2.9'	12'	41	3.1'	3.2'
15'	26	1.7'	2.1'	10'	21	2.3'	2.6'	16'	30	2.6'	2.9'	15'	20	4.0'	3.5'	9'	22	4.3'	3.7'	15'	26	3.9'	3.9'

30° AIMING ANGLE — Illumination on Vertical Plane

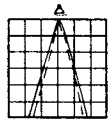
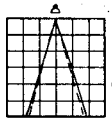
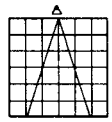
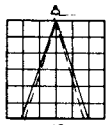


D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
2'	281	0.7'	0.5'	2'	103	1.4'	0.9'	3'	167	1.5'	0.9'	2'	221	1.7'	0.8'	1'	350	1.6'	0.7'	2'	286	1.6'	0.9'
3'	125	1.1'	0.7'	3'	46	2.1'	1.4'	4'	94	2.0'	1.3'	3'	98	2.5'	1.2'	2'	88	3.1'	1.4'	3'	127	2.4'	1.4'
4'	70	1.4'	1.0'	4'	26	2.9'	1.8'	5'	60	2.5'	1.6'	4'	55	3.3'	1.6'	3'	39	4.7'	2.1'	4'	71	3.2'	1.8'
5'	45	1.8'	1.2'	5'	17	3.6'	2.3'	6'	41	3.0'	1.9'	5'	35	4.2'	2.0'	4'	22	6.2'	2.8'	5'	46	4.0'	2.3'

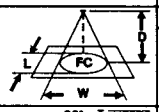
45° AIMING ANGLE — Illumination on Vertical or (Horizontal) Plane

D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
4'	199	0.7'	0.7'	3'	130	1.1'	1.0'	5'	170	1.2'	1.1'	4'	156	1.6'	1.1'	3'	110	2.2'	1.5'	4'	202	1.6'	1.3'
6'	88	1.0'	1.0'	5'	47	1.8'	1.6'	7'	87	1.7'	1.6'	6'	69	2.4'	1.7'	4'	62	2.9'	2.0'	6'	90	3.2'	1.9'
8'	50	1.4'	1.4'	7'	24	2.5'	2.3'	9'	52	2.2'	2.0'	8'	39	3.3'	2.3'	5'	40	3.6'	2.5'	8'	51	3.1'	2.6'
10'	32	1.7'	1.7'	9'	14	3.2'	2.9'	11'	35	2.7'	2.4'	10'	25	4.1'	2.8'	6'	27	4.4'	3.0'	10'	32	3.9'	3.2'

Medium / Wide

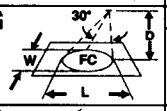
	50W MR16 NFL (EXZ)	20W MR16 FL (BAB)	42W MR16 FL (EYP)	50W MR16 FL (EXN)
DISTANCE 0'–6'				
FOOTCANDLES (On Beam Center At 6') ▶	83	13	28	42
BEAM SPREAD (To 50% Max. CP)	22° x 27°	36° x 37°	36°	37° x 39°
MAX. CANDLEPOWER (Candelas)	3,000	460	991	1,500
RATED LIFE (Hours)	3,000	2,000	3,000	3,000
COLOR TEMPERATURE	3,025° K	2,950° K	3,050° K	3,050° K

0° AIMING ANGLE — Illumination on Horizontal Plane



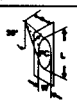
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6'	83	2.3'	2.9'	2'	115	1.3'	1.3'	3'	110	1.9'	1.9'	4'	94	2.7'	2.8'
8'	47	3.1'	3.8'	4'	29	2.6'	2.7'	5'	40	3.2'	3.2'	6'	42	4.0'	4.2'
10'	30	3.9'	4.8'	6'	13	3.9'	4.0'	7'	20	4.5'	4.5'	8'	23	5.4'	5.7'
12'	21	4.7'	5.8'	8'	7	5.2'	5.3'	9'	12	5.8'	5.8'	10'	15	6.7'	7.1'

30° AIMING ANGLE — Illumination on Horizontal Plane



D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
4'	122	2.1'	2.2'	2'	75	1.8'	2.5'	3'	72	2.7'	2.3'	3'	108	2.8'	2.5'
6'	54	3.1'	3.3'	4'	19	3.6'	3.1'	5'	26	4.5'	3.8'	5'	39	4.6'	4.1'
8'	30	4.2'	4.4'	6'	8	5.4'	4.6'	7'	13	6.3'	5.3'	7'	20	6.5'	5.7'
10'	19	5.2'	5.5'	8'	5	7.2'	6.1'	9'	8	8.1'	6.8'	9'	12	8.3'	7.4'

30° AIMING ANGLE — Illumination on Vertical Plane

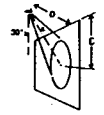


D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
2'	94	3.5'	1.9'	1'	58	3.8'	1.3'	1'	124	3.8'	1.3'	1'	188	4.0'	1.4'
3'	42	5.3'	2.9'	2'	14	7.6'	2.7'	2'	31	7.6'	2.6'	2'	47	8.1'	2.8'
4'	23	7.0'	3.8'	3'	6	11.4'	4.0'	3'	14	11.4'	3.9'	3'	21	12.1'	4.2'
5'	15	8.8'	4.8'	4'	4	5.3'	5.3'	4'	8	15.2'	5.2'	4'	12	16.1'	5.7'

45° AIMING ANGLE — Illumination on Vertical or (Horizontal) Plane

D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
3'	118	2.4'	2.0'	2'	41	2.9'	1.9'	2'	88	2.9'	1.8'	2'	133	3.0'	2.0'
5'	42	4.0'	3.4'	3'	18	4.4'	2.8'	3'	39	4.4'	2.8'	3'	59	4.5'	3.0'
7'	22	5.7'	4.8'	4'	10	5.8'	3.8'	4'	22	5.8'	3.7'	4'	33	6.0'	4.0'
9'	13	7.3'	6.1'	5'	7	7.3'	4.7'	5'	14	7.3'	4.6'	5'	21	7.5'	5.0'

Beam Center Location



Distance D (ft.)	1	2	3	4	5	6	7	8	9	10
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 initial 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.

Job Information **Type:**

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