



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

Reflector Trim		Frame-In Kit — See Individual Frame-In Kit Specification Sheets			
		Incandescent			
		Frame-In Kit	Installation Type	Lamping	Height
1161	Black Step Baffle	1102P1	Non-IC	42-50W MR16	7 1/4"
1161WH	White Step Baffle	1103R	Non-IC Remodeler		7 7/8"
		1100DICM	Deep IC	42-50W MR16	9 1/4"
		1100DAICM	Deep AirSeal® IC		9 1/4"
		1104ICX/N	AirSeal® IC		7 1/4"
		1100IC/N	IC		7 5/16"

Features

- Housing:** Hydroformed aluminum, .040" thick (18 ga.); matte white trim flange.
- Step Baffle:** Die cast aluminum with stepped conical surface for low brightness, matte black or white finish.
- Lampholder Assembly:** Provides 358° horizontal rotation and 0° to 40° vertical adjustment. Anti-glare ring holds glass. Spring lamp clips allow snap-on/snap-off lamping without disturbing aiming position. Locking screws lock Lampholder Assembly into aiming position; both horizontal and vertical locks provided. Two pin base socket.
- Transformer:** Magnetic; for 42-50W MR16 lamps; 120V primary, nominal 12V secondary; removable from below.
- Frame-In Kit:** See Frame-In Kit specification sheets for more details.

Dimming Information

Dimming controls: use only dimmers specifically designed for use with magnetic transformers, like Lightolier Onset® Sunrise® series LV or VA dimmers, or any Lightolier Controls dimming system. Low voltage fixtures may produce audible sound when used with dimmers, which may be objectionable in acoustically critical areas.

Options & Accessories

Lytegems®: See Separate Specification Sheets
Retaining Clips: **1955** - For Installing in Existing Ceiling

Extra Wide Trim Flange: **1954** - 8 5/8" O.D.
MR16 Replacement socket: **1975A**

Labels

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

US Patent Numbers: 4,313,154; 4,327,403; 5,045,985
Other US & Foreign Patents Pending.

Job Information	Type:
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
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Lighting Performance Data																
MR16 Lamps	Narrow															
	42W MR16 VNSP EZY	42W MR16 NSP EZR	42W MR16 SP EYS	50W MR16 NSP EXT												
	FOOTCANDLES (On Beam Center At 6')	333	197	78	254											
	BEAM SPREAD (To 50% Max. CP)	7° X 9°	11.5°	20°	11° X 13°											
MAX. CANDLEPOWER (Candelas)	12,000	7,075	2,800	9,150												
RATED LIFE (Hours)	3,000	3,000	3,000	3,000												
COLOR TEMPERATURE	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
	8'	188	1.0'	1.3'	7'	144	1.4'	1.4'	4'	175	1.4'	1.4'	7'	187	1.3'	1.6'
	12'	83	1.5'	1.9'	10'	71	2.0'	2.0'	6'	78	2.1'	2.1'	10'	92	1.9'	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'	
20'	30	2.5'	3.1'	16'	28	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
	7'	159	1.1'	1.3'	6'	128	1.6'	1.4'	3'	202	1.4'	1.2'	6'	165	1.5'	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'
13'	46	2.1'	2.4'	12'	32	3.2'	2.8'	7'	37	3.3'	2.9'	12'	41	3.1'	3.2'	
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
	3'	167	1.5'	0.9'	2'	221	1.7'	0.8'	1'	350	1.6'	0.7'	2'	286	1.6'	0.9'
	4'	94	2.0'	1.3'	3'	98	2.5'	1.2'	2'	88	3.1'	1.4'	3'	127	2.4'	1.4'
5'	60	2.5'	1.6'	4'	55	3.3'	1.6'	3'	39	4.7'	2.1'	4'	71	3.2'	1.8'	
6'	41	3.0'	1.9'	5'	35	4.2'	2.0'	4'	22	6.2'	2.8'	5'	46	4.0'	2.3'	

MR16 Lamps	Medium	Wide										
	50W MR16 NFL EXZ	42W MR16 FL EYP	50W MR16 FL EXN									
	FOOTCANDLES (On Beam Center At 6')	83	28	42								
	BEAM SPREAD (To 50% Max. CP)	22° X 27°	36°	37° X 39°								
MAX. CANDLEPOWER (Candelas)	3,000	991	1,500									
RATED LIFE (Hours)	3,000	3,000	3,000									
COLOR TEMPERATURE	3,025°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
	6'	83	2.3'	2.9'	3'	110	1.9'	1.9'	4'	94	2.7'	2.8'
	8'	47	3.1'	3.8'	5'	40	3.2'	3.2'	6'	42	4.0'	4.2'
10'	30	3.9'	4.8'	7'	20	4.5'	4.5'	8'	23	5.4'	5.7'	
12'	21	4.7'	5.8'	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
	4'	122	2.1'	2.2'	3'	72	2.7'	2.3'	3'	108	2.8'	2.5'
	6'	54	3.1'	3.3'	5'	26	4.5'	3.8'	5'	39	4.6'	4.1'
8'	30	4.2'	4.4'	7'	13	6.3'	5.3'	7'	20	6.5'	5.7'	
10'	19	5.2'	5.5'	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
	2'	94	3.5'	1.9'	1'	124	3.8'	1.3'	1'	188	4.0'	1.4'
	3'	42	5.3'	2.9'	2'	31	7.6'	2.6'	2'	47	8.1'	2.8'
4'	23	7.0'	3.8'	3'	14	11.4'	3.9'	3'	21	12.1'	4.2'	
5'	15	8.8'	4.8'	4'	8	15.2'	5.2'	4'	12	16.1'	5.7'	

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

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	

Job Information **Type:**

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