



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

Reflector Trim	Frame-In Kit — See Individual Frame-In Kit Specification Sheets			
	Frame-In Kit	Ceiling Type	Lamping	Height
1027BNM Natural Metal™ Baffle with Natural Metal Flange	1002P1	Non-IC	50W PAR20	7"
	1003R	Non-IC Remodeler	75W PAR16 75W PAR 30	7"
1027† Matte Black Step Baffle	1000IC 1000AICM 1004ICX/N	IC	50W PAR20	7 5/16"
1027CD† Clear Diffuse, White Flange		AirSeal® IC	75W PAR16	7 5/16"
1027BK† Specular Black		AirSeal® IC	75W PAR30	7 1/4"
1027WH White Step Baffle				
1038† Specular Gold				
1048† Specular Clear				

† = add "NM" to sku for Natural Metal™ flange

Features

- Reflector:** Hydroformed aluminum, .040" thick (18 ga.): matte white or Natural Metal™ trim flange.
- Aperture:** Aluminum step baffle, or cone painted or anodized finish.
- Frame-In Kit:** (1002P1 standard frame shown) Other frames listed above and shown on the right. See Frame-In Kit specification sheets for more details.
- Lampholder Assembly:** Provides 358° horizontal rotation and 0° to 35° vertical adjustment. Vertical adjustment with PAR30 is 0° to 30°.

Options & Accessories

- Lytegems®:** See 1400 Series Specification Sheets.
- Retaining Clips:** 1955 - Existing Ceiling up to 1" thick
- Extra Wide Flange Trim Ring:** 1957- 7" O.D.
- Extra Thick Ceiling Mounting Ring:** 1967B - up to 2" thick ceiling

Labels

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

US Patent Numbers: 5,045,985
Other US and Foreign Patents Pending.

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

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Lighting Performance Data

	Narrow				Medium			
	50W PAR20 NSP (T-H)	50W PAR30 NSP (T-H)	55W PAR16 NSP (T-H)	75W PAR16 SP (T-H)	75W PAR30 NSP (T-H)	50W PAR20 NFL (T-H)	50W PAR30 NFL (T-H)	
FOOTCANDLES (On Beam Center At 6') ▶	128	181	139	208	291	35	49	
BEAM SPREAD (To 50% Max. CP)	12"	12"	12"	12"	12"	32"	32"	
MAX. CANDLEPOWER (Candelas)	4,600	6,500	5,000	7,500	10,500	1,250	1,750	
RATED LIFE (Hours)	2,000		2,000		2,000		2,000	
0° AIMING ANGLE Illumination on Horizontal Plane								
30° AIMING ANGLE Illumination on Horizontal Plane								
30° AIMING ANGLE Illumination on Vertical Plane								

	Medium				Wide	
	55W PAR16 NFL (T-H)	75W PAR16 NFL (T-H)	75W R30 SP	75W PAR30 NFL (T-H)	50W PAR30 FL (T-H)	75W PAR30 FL (T-H)
FOOTCANDLES (On Beam Center At 6') ▶	36	56	43	83	31	50
BEAM SPREAD (To 50% Max. CP)	30"	30"	26"	32"	42"	42"
MAX. CANDLEPOWER (Candelas)	1,300	2,000	1,540	3,000	1,100	1,800
RATED LIFE (Hours)	2,000		2,000	2,000	2,000	2,000
0° AIMING ANGLE Illumination on Horizontal Plane						
30° AIMING ANGLE Illumination on Horizontal Plane						
30° AIMING ANGLE Illumination on Vertical Plane						

Data are based on bare lamp photometrics.
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:

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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