

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				Fluorescent Continued			
	Frame-In Kit	Ceiling Type	Lamping	Height	Frame-In Kit	Ceiling Type	Lamping	Height
<b>1108*</b> Brushed Gold								
<b>1110*</b> Brushed Clear	<b>1102P1</b> <b>1103R</b>	Non-IC Non-IC Remodeler	100W A19 150W A21, PAR38, BR40	7 3/16" - 7 15/16" 7 3/16" - 7 15/16"	<b>1101F18ICU/N</b>	Performance IC	(1) Quad/Triple 18W (GX24q-2)	7 1/4"
<b>1112*</b> Specular Gold	<b>1100IC</b> <b>1100AICM</b> <b>1100DICM</b> <b>1100DAICM</b>	IC AirSeal® IC Deep IC Deep AirSeal® IC	75W A19 90W PAR38 100W BR40	7 5/16" 7 5/16" 9 1/4" 9 1/4"	<b>1101F2642ICU</b> <b>1101F2642IUN</b>	Performance IC	(1) Triple 26/32W (GX24q-3)	7 1/4"
<b>1113BK*</b> Specular Black	<b>1104ICX/N</b>	AirSeal® IC	60W A19 120W BR40 100W PAR38 (90W)	7 1/4"	<b>1101FDICMX1/N</b>	Performance IC Advance Mark10 Dimming 120v	(1) Triple 26/32W (GX24q-3)	7 1/4"
<b>1113CD*</b> Clear Diffuse White Flange	<b>1104IC/N</b> <b>1104ICR</b>	AirSeal® IC IC Remodeler	60W A19 (52W) 75W PAR38 65W BR40	7 1/2" 7 1/2"	<b>1101FDICMX2/N</b>	Performance IC Advance Mark10 Dimming 277v	(1) Triple 26/32W (GX24q-3)	7 1/4"
<b>1113WH</b> Matte White	<b>1104IC/N</b> <b>1104ICR</b>	Non-IC Non-IC Remodeler	100W A19 (75W) PAR38 150W BR40	7 1/2" 7 1/2"	<b>1001F18U Series</b>	UniFrame™ Non-IC	(1) Quad/Triple 18W (GX24q-2)	7 1/16" max
					<b>1101F2642U Series</b>	UniFrame™ Non-IC	1) Triple 26/32W (GX24q-3)	7 1/16" max
	<b>1104F13 Series</b>	IC	(1) Quad/Triple 13W (GX24q-1)	7 1/2" 7 1/2"	<b>1100FTU Series</b>	Non-IC		7 3/16"
	<b>1104F18 Series</b>	IC	(1) Quad/Triple 18W (GX24q-2)	7 1/2"	<b>1910XFH1</b>	Conversion Kit	(1) Quad 13W (GX23-2)	7 3/16"
	<b>1104F26† Series</b>	IC	(1) Quad/Triple 26W (GX24q-3)	7 1/2"	<b>1910XDH1</b>	Conversion Kit	(2) Quad 13W (GX23-2)	7 3/16"
	<b>1100AICMFT</b>	AirSeal® IC	(1) Triple 26/32W (GX24q-3)	6 7/8"				

† Use upper slot for 26W Quad Tube  
( ) = Wattage for 1113BK

### Features

- Reflector:** Hydroformed aluminum, .040" minimum thickness; Anobrite® (anodic-processed) semi-specular finish for permanent reflectivity; matte white or Natural Metal™ trim flange.
- Aperture Cone:** Aluminum cone painted or anodized finish.
- Frame-In Kit:** (1102P1 standard frame shown). Other frames listed above and shown on the right. See Frame-In Kit specification sheets for more details.

### Options & Accessories

- Lytegems®:** See 1500 Series Specification Sheets  
**Retaining Clips:** **1955** - For installing in existing ceiling  
**Extra Wide Flange Trim Ring:** **1954** - 8-5/8" O.D.

### Labels

U.L. (Suitable for Damp Locations); I.B.E.W.

### Job Information

### Type:

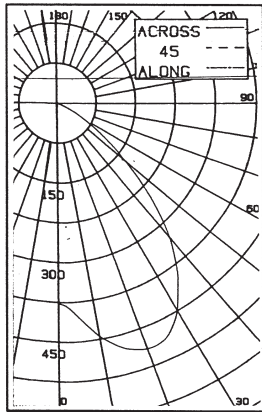
**Job Name:**  
**Cat. No.:**  
**Lamp(s):**  
**Notes:**

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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### SPACING RATIO = 1.5

CERTIFIED TEST REPORT NO. 2182  
 COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*  
 RECESSED LYTECASTER DOWNLIGHT  
 6 1/2" DIA. APERTURE, SPECULAR CLEAR CONE  
 TWO 13W DTT LAMPS. LUMEN RATING = 860 LMS.  
 \*LOWER LAMP POSITION USED\*



**CANDLEPOWER SUMMARY**

ANGLE	MEAN CP	LUMENS
0	378	
5	402	39
10	445	
15	477	134
20	491	
25	485	221
30	450	
35	395	246
40	329	
45	249	193
50	169	
55	105	98
60	57	
65	25	29
70	7	
75	1	3
80	1	
85	0	0
90	0	

**ZONAL LUMENS AND PERCENTAGES**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	393	22.90	40.92
0-40	640	37.21	66.52
0-60	930	54.11	96.72
0-90	962	55.95	100.00
40-90	322	18.73	33.48
60-90	31	1.84	3.28
90-180	0	.00	.00
0-180	962	55.95	100.00

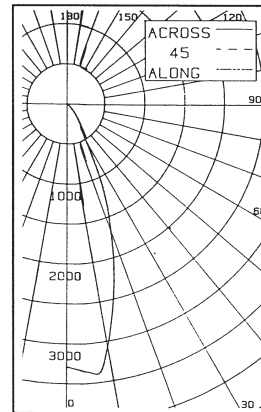
DATE: OCTOBER 12, 1990  
 PREPARED FOR:  
 LIGHTOLIER, SECAUCUS N.J.

\*\* EFFICIENCY = 55.9% \*\*

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

### SPACING RATIO = 0.7

CERTIFIED TEST REPORT NO. 2222  
 COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*  
 RECESSED LYTECASTER DOWNLIGHT  
 6 1/4" DIA. APERTURE, SPECULAR CLEAR CONE  
 ONE 150W PAR38 FLOOD LAMP. LUMEN RATING = 1740 LMS.  
 \*UPPER SOCKET POSITION USED\*



**CANDLEPOWER SUMMARY**

ANGLE	MEAN CP	LUMENS
0	3290	
5	3386	312
10	3062	
15	2354	667
20	1645	
25	1064	497
30	522	
35	287	195
40	145	
45	64	57
50	21	
55	4	7
60	0	
65	0	0
70	0	
75	0	0
80	0	
85	0	0
90	0	

**ZONAL LUMENS AND PERCENTAGES**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1476	84.84	85.09
0-40	1671	96.05	96.33
0-60	1734	99.71	100.00
0-90	1734	99.71	100.00
40-90	63	3.65	3.67
60-90	0	.00	.00
90-180	0	.00	.00
0-180	1734	99.71	100.00

DATE: NOVEMBER 26, 1990  
 PREPARED FOR:  
 LIGHTOLIER, SECAUCUS N.J.

\*\* EFFICIENCY = 99.7% \*\*

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

### COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	% WALL REFLECTANCE						% FLOOR CAVITY REFLECTANCE									
	80		70		50		30		10		0					
	50	30	10	50	30	10	50	30	10	50	30	10	0			
1	.61	.60	.58	.60	.59	.57	.58	.57	.56	.56	.55	.54	.54	.53	.52	.51
2	.56	.54	.52	.55	.53	.51	.53	.52	.50	.52	.50	.49	.50	.49	.48	.47
3	.52	.48	.46	.51	.48	.46	.49	.47	.45	.48	.46	.44	.47	.45	.43	.42
4	.47	.44	.41	.47	.44	.41	.46	.43	.40	.44	.42	.40	.43	.41	.39	.38
5	.43	.40	.37	.43	.39	.37	.42	.39	.36	.41	.38	.36	.40	.38	.36	.35
6	.40	.36	.33	.39	.35	.33	.38	.35	.33	.37	.35	.32	.37	.34	.32	.31
7	.36	.32	.29	.36	.32	.29	.35	.31	.29	.34	.31	.29	.34	.31	.29	.28
8	.33	.29	.26	.33	.29	.26	.32	.28	.26	.31	.28	.26	.31	.28	.26	.25
9	.30	.26	.23	.30	.26	.23	.29	.26	.23	.29	.25	.23	.28	.25	.23	.22
10	.28	.24	.21	.27	.24	.21	.27	.23	.21	.26	.23	.21	.26	.23	.21	.20

Conversion Factors: 2 Lt. 13W Quad Tube: White, C.U. x 0.7; Black, C.U. x 0.65. 1 Lt. 13 Quad Tube: Clear & Gold, C.U. x 1.15; White, C.U. x 1; Black, C.U. x 0.85. 100W A19 and 150W A21: Clear & Gold, C.U. x 1.15; White, C.U. x 1.1; Black, C.U. x 0.8.

### COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	% WALL REFLECTANCE						% FLOOR CAVITY REFLECTANCE									
	80		70		50		30		10		0					
	50	30	10	50	30	10	50	30	10	50	30	10	0			
1	1.13	1.11	1.09	1.11	1.09	1.07	1.07	1.05	1.04	1.03	1.02	1.01	1.00	.99	.98	.97
2	1.08	1.05	1.02	1.06	1.03	1.01	1.03	1.01	.99	1.00	.98	.97	.97	.96	.95	.93
3	1.03	1.00	.97	1.02	.99	.96	.99	.97	.95	.97	.95	.93	.95	.93	.92	.91
4	.99	.95	.92	.98	.95	.92	.96	.93	.91	.94	.92	.90	.93	.90	.89	.88
5	.95	.91	.88	.94	.90	.88	.93	.89	.87	.91	.88	.86	.90	.87	.85	.84
6	.92	.88	.85	.91	.87	.84	.90	.87	.84	.89	.86	.83	.87	.85	.83	.82
7	.88	.84	.81	.88	.84	.81	.86	.83	.81	.85	.82	.80	.85	.82	.80	.79
8	.85	.81	.78	.84	.81	.78	.84	.80	.77	.83	.79	.77	.82	.79	.77	.76
9	.82	.78	.75	.81	.78	.75	.81	.77	.74	.80	.76	.74	.79	.76	.74	.73
10	.79	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.72	.77	.74	.71	.70

Conversion Factor: 150W PAR38 FL: White, C.U. x 0.95; Black, C.U. x 0.9. 150W BR40 FL: Clear and Gold, C.U. x 1.0; White, C.U. x 0.95; Black, C.U. x 0.85.

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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