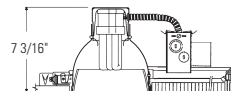
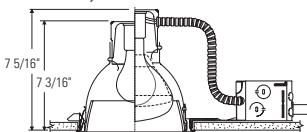


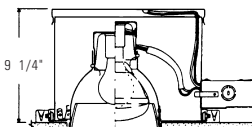
1108/1104IC/N
LyteFining™ IC/Non-IC, Convertible



1108/1100FT Series Fluorescent/Non-IC



1108/1103R
LyteFining™ Non-IC, Remodeler Ring



1108/1100 DEEP IC Series
Incandescent Insulated Ceiling

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

Reflector Trim

Frame-In Kit — See Individual Frame-In Kit Specification Sheets

- 1108*
- Brushed Gold
- 1110*
- Brushed Clear
- 1112*
- Specular Gold
- 1113*
- Specular Clear
- 1113BK*
- Specular Black
- 1113CD*
- Clear Diffuse
- White Flange
- 1113WH
- Matte White

LED				Fluorescent					
Frame-In Kit	Installation Type	Lamping	Height	Frame-In Kit	Installation Type	Lamping	Height		
1101LED	Non-IC	LED	7 1/2"	1104F13 Series	IC	(1) Quad/Triple 13W (GX24q-1)	7 1/2"		
1101LEDEM	Non-IC EM	LED	7 1/2"			(1) Quad/Triple 18W (GX24q-2)	7 1/2"		
1100LEDREM	Non-IC Remodeler	LED	7 1/2"			(1) Quad/Triple 26W (GX24q-3)	7 1/2"		
Incandescent				1104F26+ Series	IC	(1) Quad/Triple 26W (GX24q-3)	7 1/2"		
Frame-In Kit	Installation Type	Lamping	Height	1100AICMFT	AirSeal® IC	(1) Triple 26/32W (GX24q-3)	6 7/8"		
1102P1	Non-IC	100W A19	7 3/16" - 7 15/16"	1101LED 1101LEDEM 1100LEDREM	Non-IC Non-IC EM Non-IC Remodeler	LED	7 1/2"		
1103R	Non-IC Remodeler	150W A21, PAR38, BR40	7 3/16" - 7 15/16"			LED	7 1/2"		
1100IC	IC	75W A19	7 5/16"			LED	7 1/2"		
1100AICM	AirSeal® IC	90W PAR38	7 5/16"	1101F18ICU/N	Performance IC	(1) Quad/Triple 18W (GX24q-2)	7 1/4"		
1100DICM	Deep IC	100W BR40	9 1/4"			1101F2642ICU 1101F2642IUN	Performance IC	(1) Triple 26/32W (GX24q-3)	7 1/4"
1100DAICM	Deep AirSeal® IC		9 1/4"					1101FDICMX1/N	Performance IC Advance Mark10 Dimming 120v
1104ICX/N	AirSeal® IC	60W A19 120W BR40 120W (100W) 100W PAR38 (90W)	7 1/4"	1101FDICMX2/N	Performance IC Advance Mark10 Dimming 277v	(1) Triple 26/32W (GX24q-3)	7 1/4"		
1104IC/N	AirSeal® IC	60W A19 (52W)	7 1/2"			1001F18U Series	UniFrame™ Non-IC		
1104ICR	IC Remodeler	75W PAR38 65W BR40	7 1/2"	1101F2642U Series	UniFrame™ Non-IC			1) Triple 26/32W (GX24q-3)	7 1/16" max
1104IC/N	Non-IC	100W A19 (75W) PAR38	7 1/2"			1100FTU Series	Non-IC		7 3/16"
1104ICR	Non-IC Remodeler	150W BR40	7 1/2"	1910XFH1	Conversion Kit			(1) Quad 13W (GX23-2)	7 3/16"
				1910XDH1	Conversion Kit	(2) Quad 13W (GX23-2)	7 3/16"		

Features

1. **Reflector:** Hydroformed aluminum, .040" minimum thickness; Anobrite® (anodic-processed) semi-specular finish for permanent reflectivity; matte white or Natural Metal™ trim flange.
2. **Aperture Cone:** Aluminum cone painted or anodized finish.
3. **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.
- Spread Lens:** L56WWLENS - Proprietary spread lens for use with combination of wall washer optics and LED Frame-In Kits.

Labels

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

Job Information

Type:

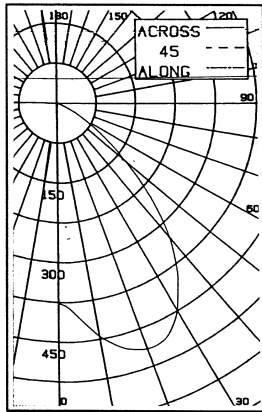
Job Name:
Cat. No.:
Lamp(s):
Notes:

Lightolier a Genlyte company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
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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



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	

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

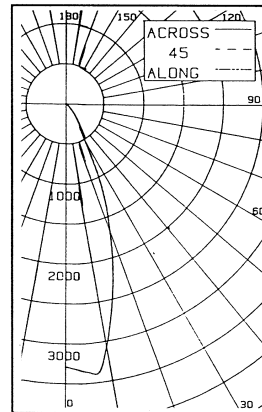
DATE: OCTOBER 12, 1990
 PREPARED FOR:
 LIGHTOLIER, SECAUCUS N.J.

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

** EFFICIENCY = 55.9% **

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



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	

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.

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

** EFFICIENCY = 99.7% **

COEFFICIENTS OF UTILIZATION

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE																	
	80						70						50					
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10			
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		

20% FLOOR CAVITY REFLECTANCE
 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

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE																	
	80						70						50					
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10			
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		

20% FLOOR CAVITY REFLECTANCE
 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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