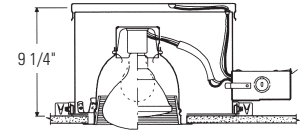
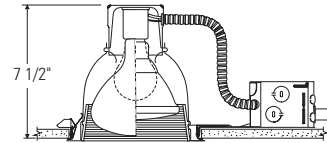


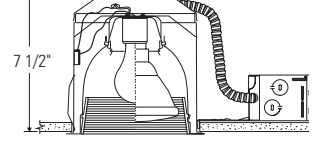
**1176/1104ICX/N**  
Lytefiring™ AirSeal® Insulated Ceiling



**1176/1100 DEEP IC Series**  
Incandescent Insulated Ceiling



**1176/1103R**  
Standard Non-IC Remodeler Ring



**1176/1104IC/N**  
Lytefiring™ Convertible IC/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							
	LED				Fluorescent			
	Frame-In Kit	Installation Type	Lamping	Height	Frame-In Kit	Installation Type	Lamping	Height
<b>1176</b> Black Baffle White Flange	<b>1101LED</b>	Non-IC	LED	7 1/2"	<b>1101F18U Series</b>	UniFrame™ Non-IC	(1) Quad/Triple 18W (GX24q-2)	6 5/8"
	<b>1101LEDEM</b>	Non-IC EM	LED	7 1/2"			<b>1101F2642U Series</b>	
	<b>1100LEDREM</b>	Non-IC Remodeler	LED	7 1/2"	<b>1104F13 Series</b>	IC		(1) Quad/Triple 13W (GX24q-1)
	<b>L56LED</b>	Non-IC Retrofit	LED	7 1/2"			<b>1104F18 Series</b>	IC
<b>1176 WH</b> White Baffle White Flange	Incandescent				<b>1104F26 Series</b>	IC		
	<b>1102P1</b>	Non-IC	100W A19	7 1/2"			<b>1100FTU Series</b>	Non-IC
	<b>1103R</b>	Non-IC Remodeler	150W PAR38, BR40	7 1/2"	<b>1100AICMFT</b>	AirSeal®-IC		
	<b>1100IC</b>	IC	40W A19	7 5/16"			<b>1101F18ICU/N</b>	Performance IC
	<b>1100AICM</b>	AirSeal® IC	90W PAR38	7 5/16"	<b>1101F2642ICU</b>	Performance IC		
	<b>1100DICM</b>	Deep IC	100W BR40	9 1/4"			<b>1101F2642IUN</b>	Performance IC
	<b>1100DAICM</b>	Deep AirSeal® IC		9 1/4"	<b>1101FDICMX1/N</b>	Performance IC Advance Mark10 Dimming 120v		
	<b>1104ICX/N</b>	AirSeal® IC	52W A19 90W BR40, PAR38	7 1/4"			<b>1101FDICMX2/N</b>	Performance IC Advance Mark10 Dimming 277v
	<b>1104IC/N</b>	AirSeal® IC	40W A19	7 1/2"	<b>1910XFH1</b>	Conversion Kit		
	<b>1104ICR</b>	IC Remodeler	65W BR30, BR40	7 1/2"			<b>1910XDH1</b>	Conversion Kit
	<b>1104IC/N</b>	Non-IC	60W A19	7 1/2"				
	<b>1104ICR</b>	Non-IC Remodeler	90W PAR38 85W BR30 120W BR40	7 1/2"				

## Features

- 1 Reflector:** Hydroformed aluminum, .040" thick (18 ga.) ; non-yellowing, scuff-resistant Perma White finish with 88% reflectance; white trim flange.
- 2 Step Baffle:** Molded high-heat phenolic. Stepped conical surface for low brightness; matte black or gloss white 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

**Spread Lens:** L56WWLENS - Proprietary spread lens for use with combination of wall washer optics and LED Frame-In Kits.

## Labels

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

## Job Information

## Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**



### SPACING RATIO = 1.3

**CERTIFIED TEST REPORT NO. 2144**  
**COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\***  
**RECESSED LYTECASTER DOWNLIGHT**  
**5 3/8" DIA. APERTURE, BASIC BLACK BAFFLE**  
**TWO 13W DTT QUAD TUBE FLUORESCENT LAMPS. LUMEN RATING = 860 LMS.**

DATE: JULY 18, 1990  
 PREPARED FOR:  
 LIGHTOLIER, SECAUCUS N.J.

CANDLEPOWER SUMMARY		
ANGLE	MEAN CP	LUMENS
0	217	
5	220	21
10	222	
15	221	63
20	220	
25	215	99
30	201	
35	177	110
40	146	
45	114	88
50	82	
55	55	50
60	33	
65	16	18
70	6	
75	2	3
80	1	
85	0	1
90	0	

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	182	10.60	40.35
0-40	292	17.00	64.73
0-60	431	25.06	95.41
0-90	451	26.27	100.00
40-90	159	9.26	35.27
60-90	20	1.21	4.59
90-180	0	.00	.00
0-180	451	26.27	100.00

\*\* EFFICIENCY = 26.3% \*\*

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

### SPACING RATIO = 0.5

**CERTIFIED TEST REPORT NO. 25371**  
**COMPUTED BY INDEPENDANT TESTING LABORATORIES, INC**  
**RECESSED LYTECASTER DOWNLIGHT**  
**5 5/16" DIA. APERTURE, MATTE BLACK STEP BAFFLE**  
**ONE 150W PAR38 FLOOD LAMP. LUMEN RATING = 1825 LMS.**

DATE: MARCH 4, 1980  
 PREPARED FOR:  
 LIGHTOLIER, SECAUCUS N.J.

CANDLEPOWER SUMMARY		
ANGLE	MEAN CP	LUMENS
0	4403	
5	4175	397
15	2509	710
25	650	301
35	147	92
45	8	6
55	0	0
65	0	0
75	0	0
85	0	0
90	0	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1407	77.10	93.50
0-40	1500	82.20	99.60
0-60	1506	82.50	100.00
0-90	1506	82.50	100.00
90-180	0	.00	.00
0-180	1506	82.50	100.00

\*\* EFFICIENCY = 82.5% \*\*

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

#### COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

	% WALL REFLECTANCE																							
	80				70				50				30				10				0			
	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0
ROOM CAVITY RATIO 1	.29	.28	.27	.28	.28	.27	.27	.27	.26	.26	.25	.25	.25	.25	.24									
2	.26	.25	.24	.26	.25	.24	.25	.24	.23	.24	.24	.23	.24	.23	.22									
3	.24	.23	.21	.24	.22	.21	.23	.22	.21	.22	.21	.21	.22	.21	.20									
4	.22	.20	.19	.22	.20	.19	.21	.20	.19	.21	.20	.19	.20	.19	.18									
5	.20	.18	.17	.20	.18	.17	.19	.18	.17	.19	.18	.17	.19	.17	.16									
6	.19	.17	.15	.18	.16	.15	.18	.16	.15	.17	.16	.15	.17	.16	.15									
7	.17	.15	.14	.17	.15	.14	.16	.15	.13	.16	.14	.13	.16	.14	.13									
8	.15	.14	.12	.15	.13	.12	.15	.13	.12	.15	.13	.12	.14	.13	.12									
9	.14	.12	.11	.14	.12	.11	.14	.12	.11	.13	.12	.11	.13	.12	.11									
10	.13	.11	.10	.13	.11	.10	.12	.11	.10	.12	.11	.10	.12	.11	.10									

20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 2 Lt. 13W Quad Tube: White, C.U. x 1.5. 1 Lt 13W Quad Tube: Black, C.U. x 0.95; White, C.U. x 1.6. 100W A19: Black, C.U. x 1.15; White, C.U. x 1.75.

#### COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

	% WALL REFLECTANCE																							
	80				70				50				30				10				0			
	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0
ROOM CAVITY RATIO 1	.94	.92	.91	.93	.91	.90	.89	.88	.87	.86	.85	.84	.83	.82	.81	.83	.82	.82	.81	.80	.79	.78	.77	.76
2	.90	.88	.86	.89	.87	.85	.86	.85	.83	.84	.83	.82	.82	.81	.80	.81	.80	.81	.79	.78	.77	.76	.75	.74
3	.87	.85	.83	.86	.84	.82	.84	.82	.81	.82	.81	.80	.81	.79	.78	.79	.78	.77	.78	.77	.76	.75	.74	.73
4	.84	.82	.79	.84	.81	.79	.82	.80	.78	.81	.79	.77	.79	.77	.76	.78	.76	.75	.76	.75	.74	.73	.72	.71
5	.82	.79	.77	.81	.78	.76	.80	.77	.76	.79	.77	.75	.78	.76	.75	.77	.75	.74	.75	.74	.73	.72	.71	.70
6	.80	.77	.75	.79	.76	.74	.78	.76	.74	.77	.75	.74	.76	.75	.74	.75	.74	.73	.74	.73	.72	.71	.70	.69
7	.77	.74	.72	.77	.74	.72	.76	.74	.72	.75	.73	.72	.75	.73	.72	.74	.73	.72	.73	.72	.71	.70	.69	.68
8	.75	.72	.70	.75	.72	.70	.74	.72	.70	.74	.71	.70	.73	.71	.70	.72	.70	.69	.71	.69	.68	.67	.66	.65
9	.73	.71	.69	.73	.70	.68	.73	.70	.68	.72	.70	.68	.71	.69	.68	.70	.68	.67	.70	.68	.67	.66	.65	.64
10	.72	.69	.67	.71	.69	.67	.71	.68	.67	.70	.68	.66	.70	.68	.66	.69	.68	.66	.69	.68	.66	.65	.64	.63

20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 150W PAR38 FL: White, C.U. x 1.15. 150W BR40 FL: Black, C.U. x 1.0; White, C.U. x 1.15.

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:**

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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