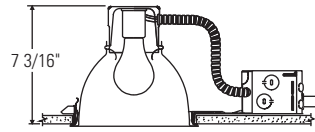
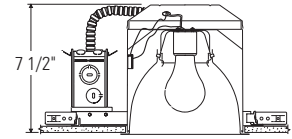


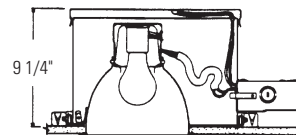
**1143/1102P1**  
Standard Incandescent



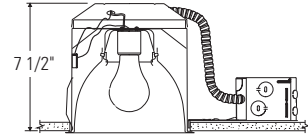
**1143/1103R**  
*Lytefiring™* Non-IC Remodeler Ring



**1143/1104IC/N**  
*Lytefiring™* Convertible  
IC/Non-IC



**1143/1100 DEEP IC Series**  
Incandescent Insulated Ceiling



**1143/1104ICR**  
*Lytefiring™* Convertible  
Remodeler 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									
	Incandescent				Fluorescent					
	Frame-In Kit	Ceiling Type	Lamping	Height	Frame-In Kit	Ceiling Type	Lamping	Height		
<b>1143</b> Specular Gold	<b>1102P1</b>	Non-IC	100W A19	6 3/4"	<b>1101F18U Series</b>	UniFrame™	(1) Triple 18W (GX24q-2)	6 5/16"		
	<b>1103R</b>	Non-IC Remodeler		6 3/4"		Non-IC				
<b>1144</b> Specular Clear	<b>1100IC</b>	IC	100W A19	7 5/16"	<b>1101F2642U Series</b>	UniFrame™	(1) Triple 26W (GX24q-3)	6 5/16"		
	<b>1100AICM</b>	AirSeal® IC		7 5/16"		Non-IC				
	<b>1100DICM</b>	Deep IC		9 1/4"		<b>1104F13 Series</b>	IC		(1) Quad/Triple 13W (GX24q-1)	7 1/2"
	<b>1100DAICM</b>	Deep AirSeal® IC		9 1/4"			<b>1104F18 Series</b>		IC	(1) Quad/Triple 18W (GX24q-2)
<b>1144CD</b> Clear Diffuse	<b>1104ICX/N</b>	AirSeal® IC		7 1/4"	<b>1104F26* Series</b>	IC		(1) Quad/Triple 26W (GX24q-3)	7 1/2"	
	<b>1104IC/N</b>	AirSeal® IC	75W A19, PAR30	7 1/4"		<b>1100FTU Series</b>	Non-IC	(1) Triple 26/32W (GX24q-3)	7 3/16"	
<b>1104ICR</b>	IC Remodeler	85W BR30	7 1/2"	<b>1100AICMFT</b>	AirSeal® IC		(1) Triple 26/32W (GX24q-3)	6 7/8"		
<b>1104IC/N</b>	Non-IC	100W A19	7 1/2"		<b>1101F18ICU/N</b>	Performance IC	(1) Triple 18W (GX24q-2)	7 1/4"		
<b>1104ICR</b>	Non-IC Remodeler	85W BR30 75W, PAR30	7 1/2"	<b>1101F2642ICU</b> <b>1101F2642IUN</b>		Performance IC	(1) Triple 26W (GX24q-2)	7 1/4"		
					<b>1910XFH1</b>	Conversion Kit	(1) Quad 13W (GX23-2)	7 3/16"		
				<b>1910XDH1</b>		Conversion Kit	(2) Quad 13W (GX23-2)	7 3/16"		

\* Lightolier recommends the use of triple tube lamps.

## Features

- 1. Reflector:** Hydroformed aluminum, .050" thick (16ga.); specular clear or gold finish; matte white trim flange.
- 2. 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.

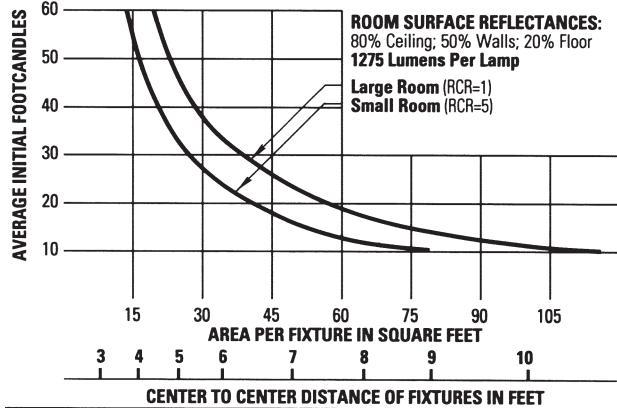
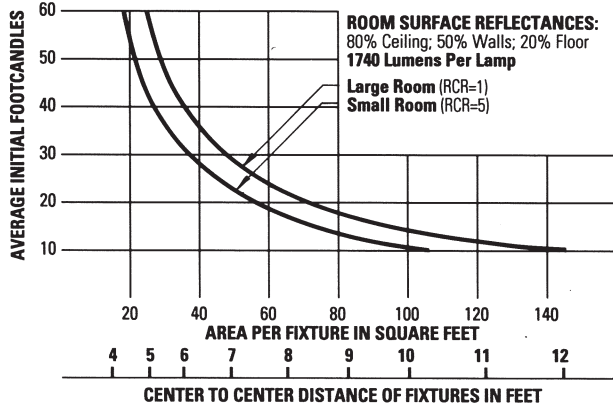
## Labels

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

US Patent Numbers: 4,751,624; 5,045,985  
Other US & Foreign Patents Pending.

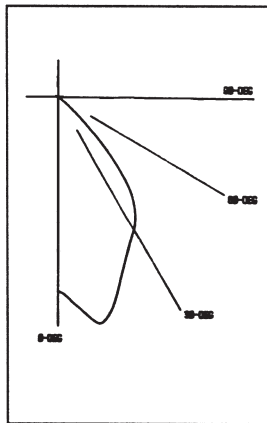
Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
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CERTIFIED TEST REPORT NO. 29123-M  
INDEPENDANT TESTING LABORATORIES, INC  
RECESSED LYTECASTER DOWNLIGHT  
6 1/2" DIA. APERTURE, SPECULAR REFLECTOR, OPEN BOTTOM  
ONE 100W A19 MEDIUM BASE LAMP. LUMEN RATING = 1740 LMS.

CERTIFIED TEST REPORT NO. 2142  
COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*  
RECESSED LYTECASTER DOWNLIGHT  
6 1/2" DIA. APERTURE, SHALLOW SPECULAR CLEAR REFLECTOR  
TWO 13W DTT QUAD TUBE FLUORESCENT LAMPS. LUMEN RATING = 860 LMS.



**CANDLEPOWER SUMMARY**

ANGLE	MEAN CP	LUMENS
0	853	21
5	815	70
10	1003	118
15	945	147
20	825	162
25	732	177
30	666	186
35	587	177
40	451	128
45	230	52
50	66	14
55	16	4
60	4	1
65	2	1
70	2	1
75	1	1
80	0	0
85	0	0
90	0	0

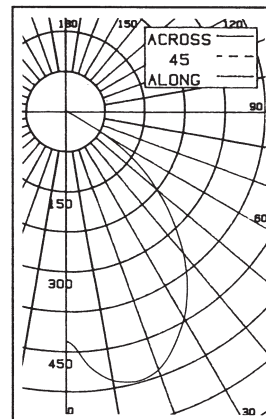
**ZONAL LUMENS AND PERCENTAGES**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	694	39.9	55.2
0-40	1057	60.7	84.0
0-60	1254	72.1	99.7
0-90	1258	72.3	100.0
90-180	0	.00	.00
0-180	1258	72.3	100.0

DATE: AUGUST 3, 1983  
PREPARED FOR:  
LIGHTOLIER, JERSEY CITY N.J.

\*\* EFFICIENCY = 72.3% \*\*

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



**CANDLEPOWER SUMMARY**

ANGLE	MEAN CP	LUMENS
0	430	
5	476	45
10	512	
15	522	147
20	513	
25	483	223
30	445	
35	399	249
40	343	
45	284	219
50	222	
55	158	138
60	77	
65	17	29
70	5	
75	2	3
80	1	
85	1	1
90	0	

**ZONAL LUMENS AND PERCENTAGES**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	414	24.09	39.35
0-40	663	38.57	63.01
0-60	1020	59.35	96.96
0-90	1052	61.22	100.00
40-90	389	22.64	36.99
60-90	32	1.86	3.04
90-180	0	.00	.00
0-180	1052	61.22	100.00

LUMINANCE SUMMARY - CD. / SQ. M.

ANGLE	MEAN CD./SQ. M.
45	18819
55	12949
65	1886
75	375
85	345

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

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	% EFFECTIVE CEILING CAVITY REFLECTANCE															
	80			70			50			30			10	0		
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.80	.79	.77	.79	.77	.76	.76	.75	.73	.73	.72	.71	.71	.70	.69	.68
2	.75	.72	.70	.74	.71	.69	.72	.70	.68	.69	.68	.66	.67	.66	.65	.64
3	.70	.67	.64	.69	.66	.64	.67	.65	.63	.66	.63	.62	.64	.62	.61	.59
4	.66	.62	.59	.65	.61	.59	.63	.60	.58	.62	.59	.57	.61	.58	.57	.56
5	.61	.57	.54	.61	.57	.54	.59	.56	.53	.58	.55	.53	.57	.55	.53	.52
6	.57	.53	.50	.57	.53	.50	.59	.52	.50	.55	.52	.49	.54	.51	.49	.48
7	.53	.49	.46	.53	.49	.46	.52	.48	.46	.51	.48	.45	.50	.47	.45	.44
8	.50	.45	.42	.49	.45	.42	.49	.45	.42	.48	.44	.42	.47	.44	.42	.41
9	.46	.42	.39	.46	.42	.39	.45	.41	.38	.44	.41	.38	.44	.41	.38	.37
10	.43	.38	.35	.42	.38	.35	.42	.38	.35	.41	.38	.35	.41	.37	.35	.34

20% FLOOR CAVITY REFLECTANCE

Conversion Factor: 100W A19, Gold, C.U. x 0.9.

**COEFFICIENTS OF UTILIZATION**

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE															
	80			70			50			30			10	0		
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.67	.65	.64	.66	.64	.63	.63	.62	.61	.61	.60	.59	.59	.58	.57	.56
2	.61	.59	.56	.60	.58	.56	.58	.56	.54	.57	.55	.53	.55	.53	.52	.51
3	.56	.53	.50	.55	.52	.49	.54	.51	.49	.52	.50	.48	.51	.49	.47	.46
4	.51	.47	.44	.51	.47	.44	.49	.46	.44	.48	.45	.43	.47	.44	.43	.41
5	.47	.43	.40	.46	.42	.39	.45	.42	.39	.44	.41	.39	.43	.40	.38	.37
6	.43	.38	.35	.42	.38	.35	.41	.38	.35	.40	.37	.35	.39	.37	.34	.33
7	.39	.34	.31	.38	.34	.31	.37	.34	.31	.37	.33	.31	.36	.33	.30	.29
8	.35	.31	.28	.35	.31	.28	.34	.30	.28	.34	.30	.27	.33	.30	.27	.26
9	.32	.28	.25	.32	.28	.25	.31	.27	.25	.31	.27	.24	.30	.27	.24	.23
10	.29	.25	.22	.29	.25	.22	.29	.25	.22	.28	.24	.22	.28	.24	.22	.21

20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 2 Lt. 13W Quad Tube: Gold, C.U. x 0.9. 1 Lt 13W Quad Tube: Clear, C.U. x 1.3; Gold, C.U. x 1.2.

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 tow lamps. The coefficients of utilization remain the same.

**Job Information** **Type:**

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