

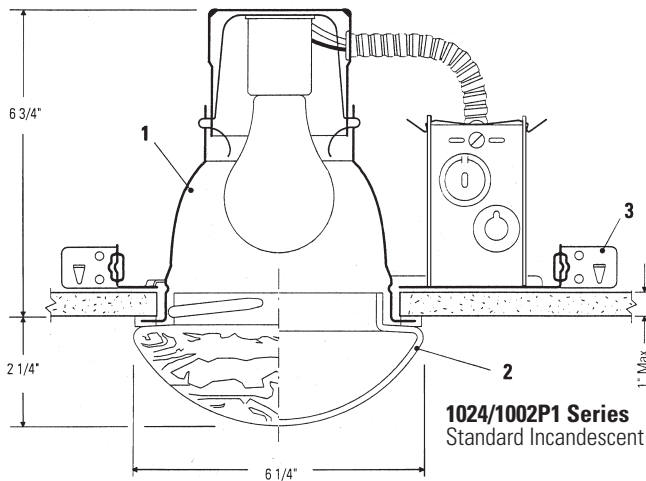


5" Aperture Cratere Dome Diffuser Reflector Trim

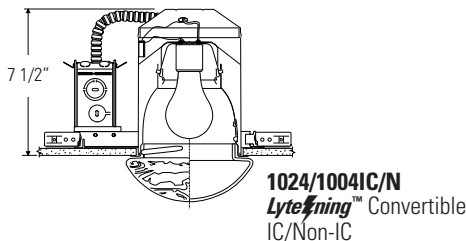
**Lytecaster®
Recessed
Downlighting**

1024
C0101

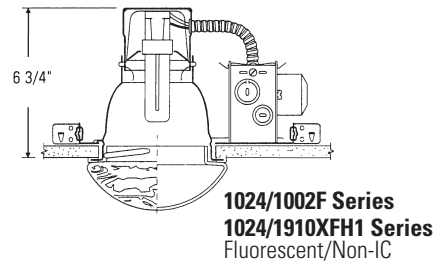
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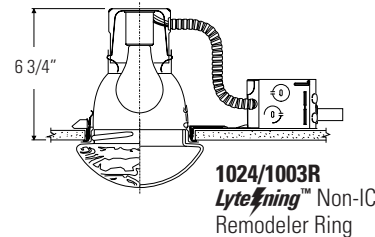
1024/1002P1 Series
Standard Incandescent



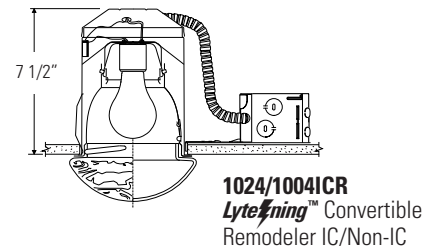
1024/1004IC/N
Lytefning™ Convertible
IC/Non-IC



1024/1002F Series
1024/1910XFH1 Series
Fluorescent/Non-IC



1024/1003R
Lytefning™ Non-IC
Remodeler Ring



1024/1004ICR
Lytefning™ Convertible
Remodeler IC/Non-IC

Complete Fixture consists of FRAME-IN KIT & REFLECTOR TRIM. 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
1024 Cratere	1002P1	Non-IC	75W A19	6 3/4"	1002F1	Non-IC	1 Lamp Quad Tube	6 3/4"
	1003R	Non-IC Remodeler		6 3/4"	1002FH1	Non-IC		6 3/4"
	1000IC	IC	40W A19	7 5/16"	1002FH2	Non-IC		6 3/4"
	1000AICM	IC		7 5/16"	1002FH1R	Non-IC Remodeler	13W (GX23-2)	6 3/4"
	10044ICX/N	IC		7 1/4"	1910XFH1	Conversion		6 3/4"
	1004IC/N	Non-IC	40W A19	7 1/2"				
	1004ICR	Non-IC Remodeler		7 1/2"				
	1004SIC/N	Non-IC		5 1/2"				
	1004SICR	Non-IC Remodeler		5 1/2"				

Features

- Reflector:** Hydroformed aluminum, .040" thick (18 ga.); Anobrite® (anodic-processed) semi-specular finish for permanent reflectivity.
- Diffuser:** Textured, double-etched glass; twists tightly to reflector trim. Neoprene gasket (captived on flange of reflector) seals unit under pressure of twist lock. Concealed wire-hinge supports glass enclosure for quick, safe relamping.
- 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.
- Meets NEC® requirements for spas and hot tubs.

Options & Accessories

- Retaining Clips:** 1955 - For installing in existing ceiling
- Extra Thick Ceiling Mounting Ring:** 1967B - Up to 2" thick ceiling

Labels

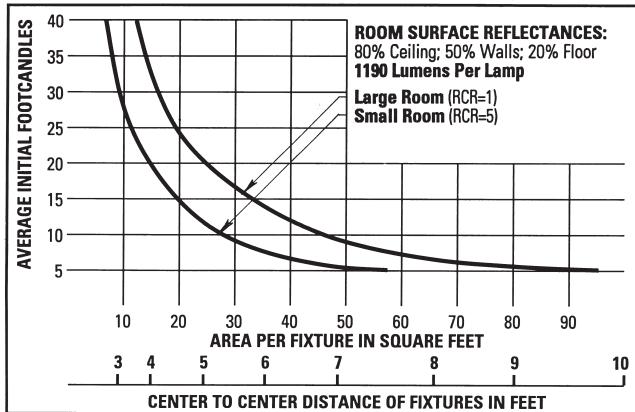
UL (Suitable for Wet Locations - Covered Ceiling Only); I.B.E.W.;
U.S. Patent Numbers: 4,313,154; 4,327,403; 4,751,624; 5,045,985
Other U.S. & Foreign Patents Pending

WE RESERVE THE RIGHT TO CHANGE DETAILS OF DESIGN, MATERIALS,
AND FINISH.

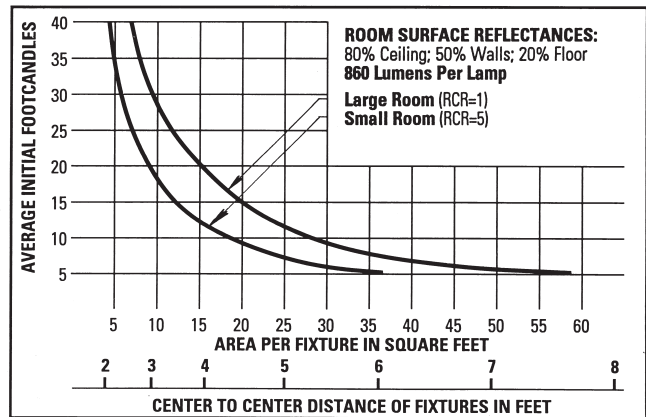
LIGHTOLIER a GENLYTE THOMAS company.
631 Airport Road, MA 02720
(508) 679-8131 • Fax (508) 674-4710

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LIGHTOLIER®

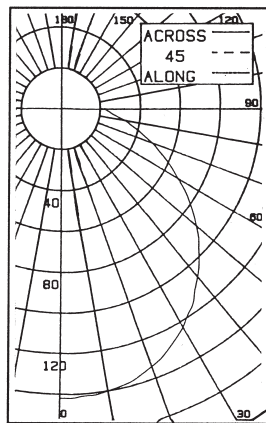


Use quick calculator chart to determine the spacing of 75W A19 units for a desired level of illumination.



Use quick calculator chart to determine the spacing of 1 Lt. 13 Watt Quad Tube units or a desired level of illumination.

CERTIFIED TEST REPORT NO. 2195
COMPUTED BY LSI PROGRAM **TEST-LITE**
RECESSED LYTECASTER DOWNLIGHT
6 1/4" DIA., CRATERE TWIST-TITE DROP DIFFUSER
ONE 75W A19 LAMP. LUMEN RATING = 1190 LMS.



DATE: NOVEMBER 10, 1990
PREPARED FOR:
LIGHTOLIER, SECAUCUS N.J.

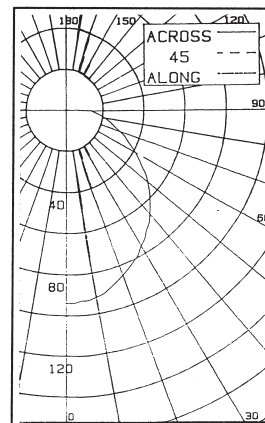
CANDLEPOWER SUMMARY			
ANGLE	MEAN CP	LUMENS	
0	142		
5	141	13	
10	140		
15	138	39	
20	134		
25	129	60	
30	123		
35	116	72	
40	107		
45	98	76	
50	89		
55	79	71	
60	68		
65	58	58	
70	49		
75	40	43	
80	33		
85	26	29	
90	22		

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	112	9.42	24.33
0-40	184	15.51	40.04
0-60	331	27.83	71.86
0-90	460	38.73	100.00
40-90	276	23.22	59.96
60-90	129	10.90	28.14
90-180	0	.00	.00
0-180	460	38.73	100.00

** EFFICIENCY = 38.7% **

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

CERTIFIED TEST REPORT NO. 2265
COMPUTED BY LSI PROGRAM **TEST-LITE**
RECESSED LYTECASTER DOWNLIGHT
6 1/4" DIA., CRATERE TWIST-TITE DROP GLASS DIFFUSER
ONE 13W QUAD TUBE (DTT) COMPACT FLUOR. LAMP. LUMEN RATING = 860 LMS.



DATE: DECEMBER 19, 1990
PREPARED FOR:
LIGHTOLIER, SECAUCUS N.J.

CANDLEPOWER SUMMARY			
ANGLE	MEAN CP	LUMENS	
0	94		
5	93	9	
10	92		
15	89	25	
20	85		
25	81	38	
30	76		
35	71	45	
40	66		
45	60	46	
50	54		
55	47	42	
60	41		
65	35	35	
70	30		
75	25	27	
80	21		
85	17	19	
90	14		

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	71	8.33	25.09
0-40	116	13.53	40.77
0-60	205	23.85	71.87
0-90	285	33.18	100.00
40-90	169	19.65	59.23
60-90	80	9.33	28.13
90-180	0	.00	.00
0-180	285	33.18	100.00

** EFFICIENCY = 33.2% **

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	80			70			50			30			10			0
	% WALL REFLECTANCE															0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.40	.38	.36	.39	.37	.36	.37	.36	.35	.36	.34	.33	.34	.33	.32	.32
2	.35	.32	.30	.34	.31	.29	.32	.30	.28	.31	.29	.28	.30	.29	.27	.26
3	.30	.27	.25	.30	.27	.24	.29	.26	.24	.28	.25	.23	.27	.25	.23	.22
4	.27	.24	.21	.27	.23	.21	.26	.23	.21	.25	.22	.20	.24	.22	.20	.19
5	.24	.21	.18	.24	.20	.18	.23	.20	.18	.22	.20	.18	.21	.19	.17	.17
6	.22	.18	.16	.21	.18	.16	.21	.18	.15	.20	.17	.15	.19	.17	.15	.14
7	.19	.16	.14	.19	.16	.13	.18	.15	.13	.18	.15	.13	.17	.15	.13	.12
8	.18	.14	.12	.17	.14	.12	.17	.14	.12	.16	.14	.12	.16	.13	.12	.11
9	.16	.13	.10	.16	.13	.10	.15	.12	.10	.15	.12	.10	.14	.12	.10	.09
10	.15	.11	.09	.14	.11	.09	.14	.11	.09	.14	.11	.09	.13	.11	.09	.08
20% FLOOR CAVITY REFLECTANCE																

20% FLOOR CAVITY REFLECTANCE

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	80			70			50			30			10			0
	% WALL REFLECTANCE															
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.34	.33	.31	.33	.32	.31	.32	.31	.30	.31	.30	.29	.29	.29	.28	.27
2	.30	.27	.25	.29	.27	.25	.28	.26	.25	.27	.25	.24	.26	.25	.23	.23
3	.26	.23	.21	.26	.23	.21	.25	.22	.21	.24	.22	.20	.23	.21	.20	.19
4	.23	.20	.18	.23	.20	.18	.22	.20	.18	.21	.19	.18	.21	.19	.17	.17
5	.21	.18	.16	.21	.18	.16	.20	.17	.15	.19	.17	.15	.19	.17	.15	.14
6	.19	.16	.14	.18	.16	.14	.18	.15	.13	.17	.15	.13	.17	.15	.13	.12
7	.17	.14	.12	.17	.14	.12	.16	.13	.12	.15	.13	.12	.15	.13	.11	.11
8	.15	.12	.10	.15	.12	.10	.15	.12	.10	.14	.12	.10	.14	.12	.10	.10
9	.14	.11	.09	.14	.11	.09	.13	.11	.09	.13	.11	.09	.13	.11	.09	.08
10	.13	.10	.08	.12	.10	.08	.12	.10	.08	.12	.10	.08	.12	.09	.08	.07
20% FLOOR CAVITY REFLECTANCE																

20% FLOOR CAVITY REFLECTANCE

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.