

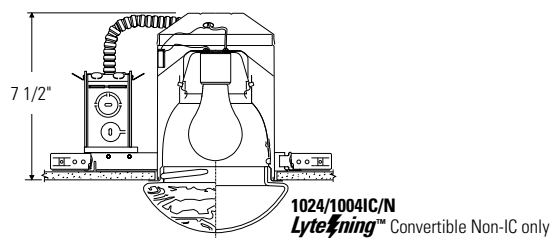
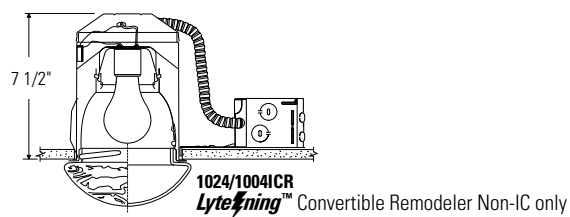
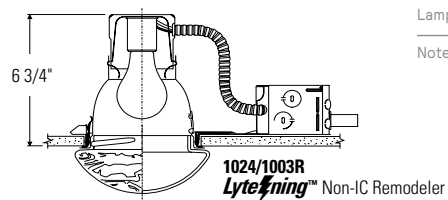
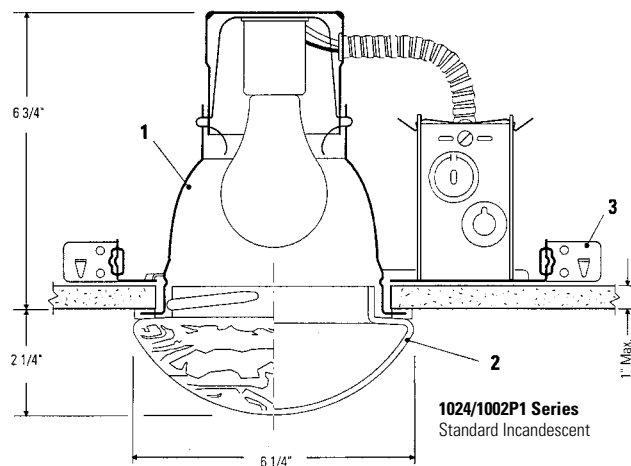
LIGHTOLIER

by @signify

Downlighting

Lytecaster 5"

1024 Cratere Dome Diffused Trim



Project: _____
Location: _____
Cat.No: _____
Type: _____
Lamps: _____ Qty: _____
Notes: _____

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

Reflector Trim	Frame-In Kit — See Individual Frame-In Kit Specification Sheets			
1024 Cratere	Incandescent			
	Frame-In Kit	Ceiling Type	Lamping	Height
	1002P1 1003R	Non-IC Non-IC Remodeler	75W A19	6 3/4" 6 3/4"
	1000P1	Non IC		6 7/8"
	1000IC 1000AICM 1004ICX/N	IC AirSeal® IC AirSeal® IC	40W A19	7 5/16" 7 5/16" 7 1/4"
	1004IC/N 1004ICR	Non-IC Non-IC Remodeler	40W A19	7 1/2" 7 1/2"
	1004SIC/N 1004SICR	Shallow Non-IC Shallow-Non-IC Remodeler		5 1/2" 5 1/2"

1024 Lytecaster 5"

Cratere Dome Diffused Trim

Features

- 1. Reflector:** Hydroformed aluminum, .040" thick (18 ga.); Anobrite® (anodic-processed) semi-specular finish for permanent reflectivity.
- 2. Diffuser:** Textured, double-etched glass; twists tightly to reflector trim. Neoprene gasket (captive on flange of reflector) seals unit under pressure of twist lock. Concealed wire-hinge supports glass enclosure for quick, safe relamping.
- 3. 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.

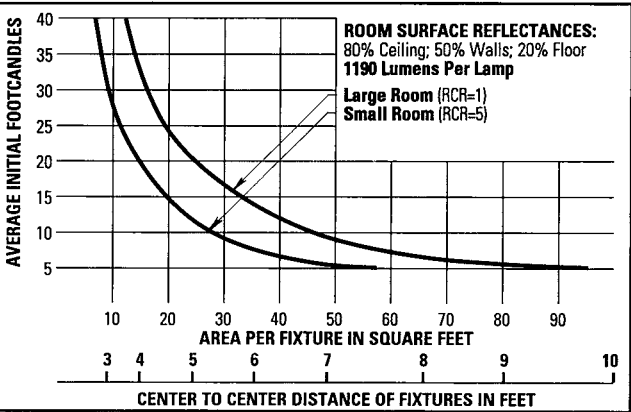
Options & Accessories

Retaining Clips: 1955 - For installing in existing ceiling

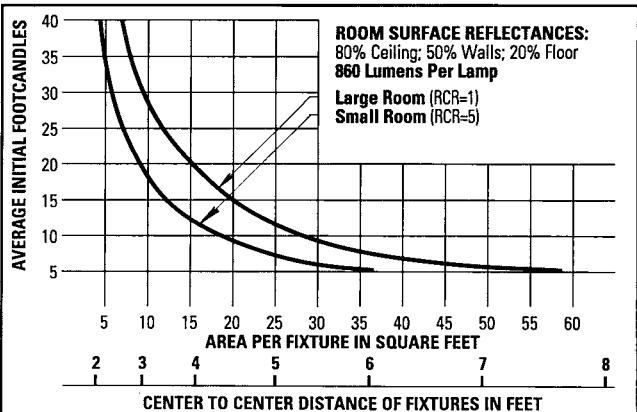
Labels

UL (Suitable for Wet Locations - Covered Ceiling Only), I.B.E.W.

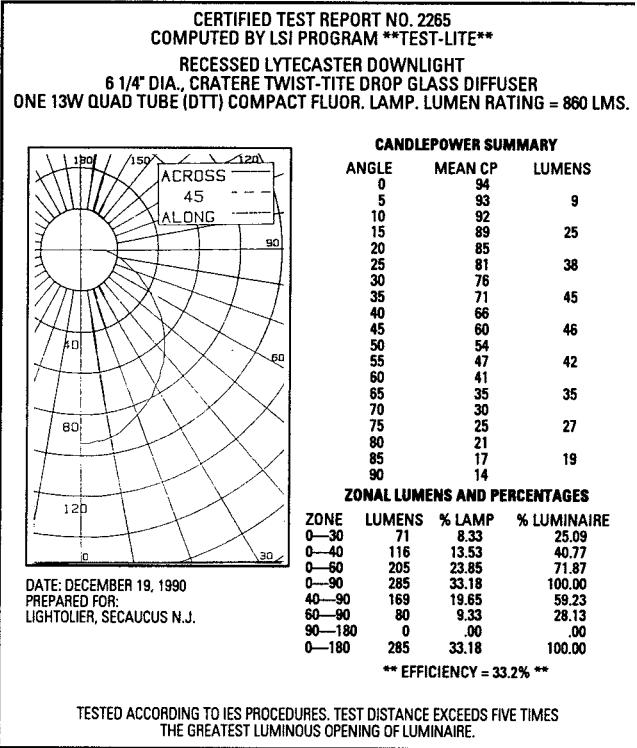
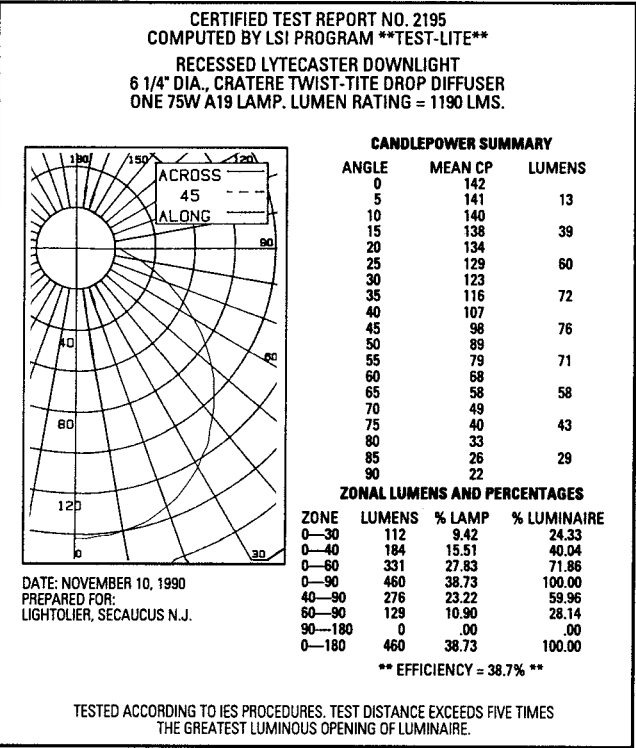
NEC® is a registered trademark of the National Fire Protection Association.



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.



1024 Lytecaster 5"

Cratere Dome Diffused Trim

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	.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																

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	.28	.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																

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.



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