

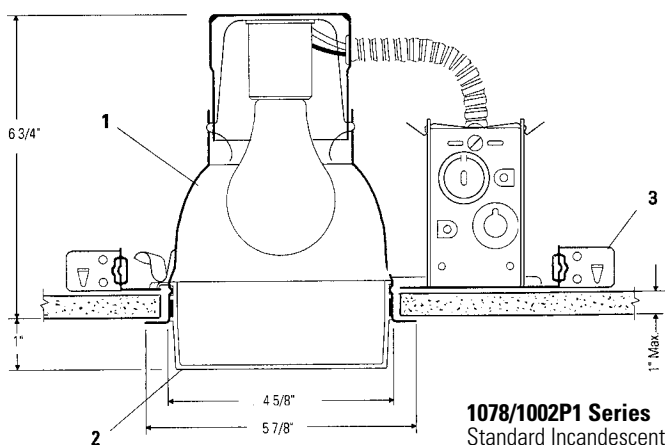
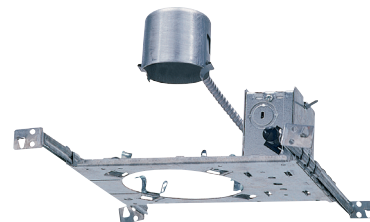
LIGHTOLIER

by @signify

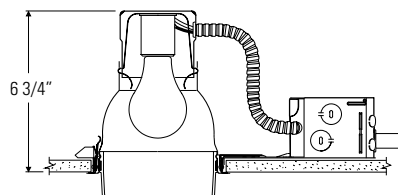
Downlighting

Lytecaster 5"

1078 Lexan Dish Diffuser Trim



1078/1002P1 Series
Standard Incandescent



1078/1003R
LyteCasting™
Non-IC Remodeler

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			
1078 Opal	Incandescent			
	Frame-In Kit	Ceiling Type	Lamping	Height
	1000P1	Non-IC	60W A19	6 3/4"
	1002P1	Non-IC		6 3/4"
	1003R	Non-IC Remodeler		6 3/4"
	1000IC	IC	40W A19	7 5/16"
	1000AICM	AirSeal® IC		7 5/16"

* Lightolier recommends the use of triple tube lamps.

Features

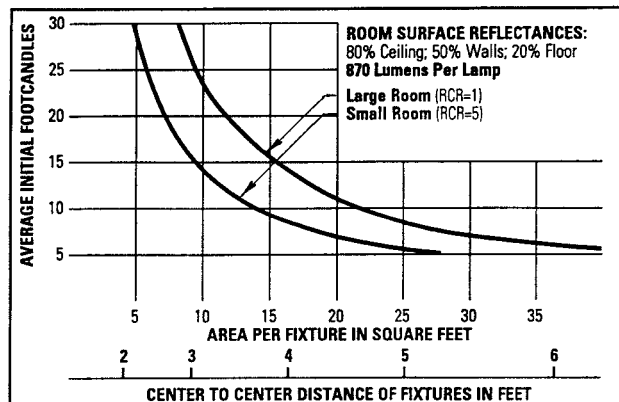
- Reflector:** Hydroformed aluminum, .040" thick (18 ga.); non-yellowing, scratch resistant Perma White finish, 88% reflectance; white trim flange.
- Diffuser:** Translucent white, polycarbonate Lexan®. Installs and removes with twist-lock action, no tool required.
- Frame-In Kit:** (1002P1 standard frame shown). Other frames listed above and shown on the right. See Frame-In Kit specification sheets for more details.

Labels

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

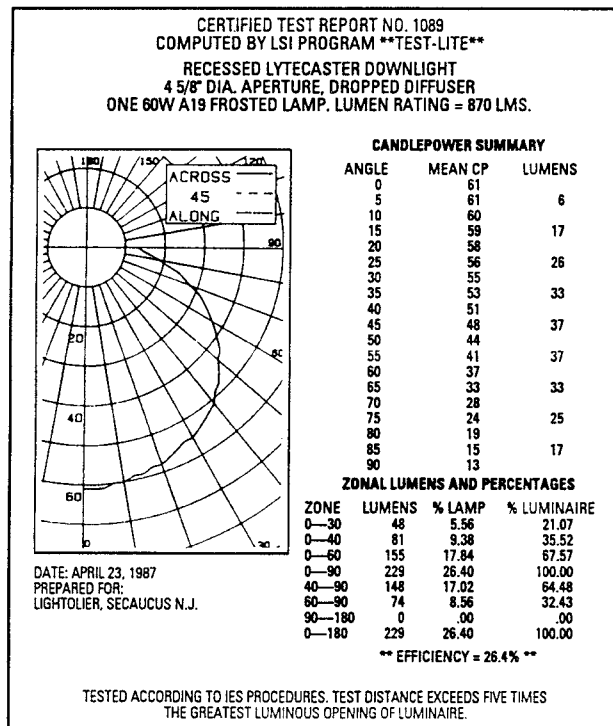
1078 Lytecaster 5"

Lexan Dish Diffuser Trim



Use quick calculator chart to determine the spacing of 60 Watt A19 units for a desired level of illumination.

SPACING RATIO = 1.3



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	.27	.26	.24		.26	.25	.24		.25	.24	.23		.24	.23	.23		.23	.22	.22	.21	
2	.23	.21	.20		.23	.21	.19		.22	.20	.19		.21	.20	.18		.20	.19	.18	.17	
3	.20	.18	.16		.20	.18	.16		.19	.17	.16		.18	.17	.15		.18	.16	.15	.14	
4	.18	.15	.14		.18	.15	.13		.17	.15	.13		.16	.15	.13		.16	.14	.13	.12	
5	.16	.13	.11		.16	.13	.11		.15	.13	.11		.14	.13	.11		.14	.12	.11	.10	
6	.14	.12	.10		.14	.11	.10		.13	.11	.10		.13	.11	.10		.12	.11	.10	.09	
7	.13	.10	.09		.12	.10	.08		.12	.10	.08		.11	.10	.08		.11	.09	.08	.08	
8	.11	.09	.07		.11	.09	.07		.11	.09	.07		.10	.09	.07		.10	.08	.07	.07	
9	.10	.08	.06		.10	.08	.06		.10	.08	.06		.10	.08	.06		.09	.08	.06	.06	
10	.09	.07	.06		.09	.07	.06		.09	.07	.06		.09	.07	.06		.08	.07	.06	.05	
20% FLOOR CAVITY REFLECTANCE																					

COEFFICIENTS OF UTILIZATION																		
% EFFECTIVE CEILING CAVITY REFLECTANCE																		
	80			70			50			30			10			0		
	% WALL REFLECTANCE																	
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
ROOM CAVITY RATIO	1	.21	.20	.19	.20	.19	.19	.19	.18	.19	.18	.17	.18	.17	.17	.17	.17	.17
	2	.18	.16	.15	.18	.16	.15	.17	.16	.15	.16	.15	.14	.16	.15	.14	.14	.14
	3	.16	.14	.12	.15	.14	.12	.15	.13	.12	.14	.13	.12	.14	.13	.12	.11	.11
	4	.14	.12	.11	.14	.12	.10	.13	.12	.10	.13	.11	.10	.12	.11	.10	.10	.10
	5	.12	.10	.09	.12	.10	.09	.12	.10	.09	.11	.10	.09	.11	.10	.09	.08	.08
	6	.11	.09	.08	.11	.09	.08	.10	.09	.08	.10	.09	.07	.10	.08	.07	.07	.07
	7	.10	.08	.07	.10	.08	.07	.09	.08	.06	.09	.07	.06	.09	.07	.06	.06	.06
	8	.09	.07	.06	.09	.07	.06	.08	.07	.06	.08	.07	.06	.08	.07	.06	.05	.05
	9	.08	.06	.05	.08	.06	.05	.08	.06	.05	.07	.06	.05	.07	.06	.05	.04	.04
	10	.07	.06	.04	.07	.06	.04	.07	.05	.04	.07	.05	.04	.07	.05	.04	.04	.04
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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