

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

1177SH Lexan®	Incandescent			
	Frame-In Kit	Installation Type	Lamping	Height
	1102P1 1103R	Non-IC Non-IC Remodeler	60W A19	7 1/2" 7 1/2"
	1100IC 1100AICM 1100DICM 1100DAICM	IC AirSeal® IC Deep IC Deep AirSeal® IC	40W A19	7 5/16" 7 5/16" 9 1/4" 9 1/4"
	1104IC/N 1104ICR	Non-IC Non-IC Remodeler	40W A19	7 1/2" 7 1/2"

Features

- Reflector:** Hydroformed aluminum, .040" minimum thickness (18 ga.); Anobrite® (anodic-processed) semi-specular finish for permanent reflectivity; plastic white trim flange.
- Flush Diffuser:** Translucent white, break resistant polycarbonate Lexan®. Installs and removes with twist-lock actions; no tools required.
- 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.

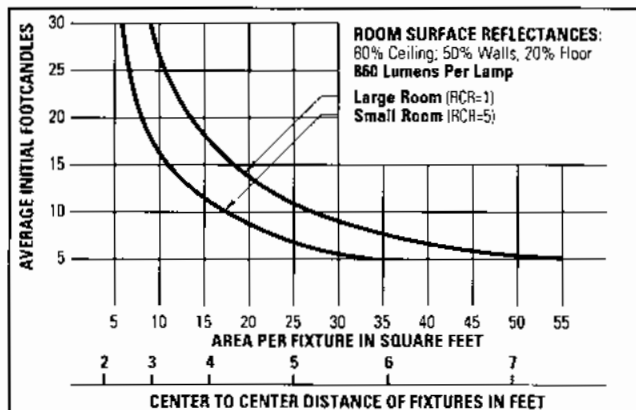
Labels

UL (Suitable for Wet Locations - Covered Ceiling), I.B.E.W.
Meets NEC® requirements for Spas and Hot Tubs.

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

1177SH Lytecaster Reflector 6 3/4"

Flush Opalex Diffuser Trim

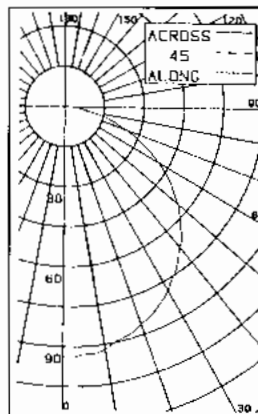


Use quick calculator chart to determine the spacing of 2 Lt. Watt Quad Tube units for a desired level of illumination. Conversion Factors: 1 Lt. 13W Quad Tube, F.C. x 0.5. 60W A19, F.C. x 1.0.

SPACING RATIO = 1.2

CERTIFIED TEST REPORT NO. 2145
COMPUTED BY LSI PROGRAM **TEST-LITE**

RECESSED LYTECASTER DOWNLIGHT
5 7/8" DIA., FLUSH OPALEX TRANSLUCENT LEXAN
TWO 13W DTT QUAD TUBE FLUORESCENT LAMPS, LUMEN RATING = 860 LMS.



CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS
0	94	
5	93	9
10	92	
15	89	25
20	86	
25	83	38
30	79	
35	74	46
40	68	
45	62	48
50	56	
55	49	44
60	41	
65	33	33
70	25	
75	18	19
80	10	
85	4	5
90	1	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	72	4.21	27.01
0-40	118	6.91	44.30
0-50	210	12.25	78.59
0-60	268	15.59	100.00
40-90	149	8.68	55.70
60-90	57	3.34	21.41
90-180	0	0.00	0.00
0-180	268	15.59	100.00

** EFFICIENCY = 15.5% **

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	50	30	10	50	30	10	50
1	.16	.16	.15	.16	.16	.15	.15	.15	.15	.14
2	.15	.14	.13	.14	.13	.13	.14	.13	.12	.13
3	.13	.12	.11	.13	.12	.11	.12	.11	.10	.11
4	.12	.10	.09	.11	.10	.09	.11	.10	.09	.10
5	.10	.09	.08	.10	.09	.08	.10	.09	.08	.09
6	.09	.08	.07	.09	.08	.07	.09	.08	.07	.08
7	.08	.07	.06	.08	.07	.06	.08	.07	.06	.07
8	.07	.06	.05	.07	.06	.05	.07	.06	.05	.07
9	.07	.06	.05	.07	.05	.05	.07	.05	.05	.06
10	.06	.05	.04	.06	.05	.04	.06	.05	.04	.06

20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 1 Lt. 13W Quad Tube, C.U. x 1.0. 60W A19, C.U. x 2.0.

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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Signify North America Corporation
200 Franklin Square Drive,
Somerset, NJ 08873
Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone 800-668-9008

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