

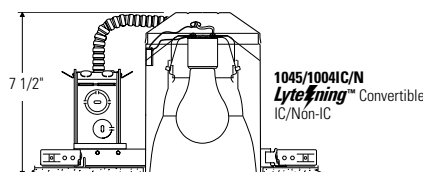
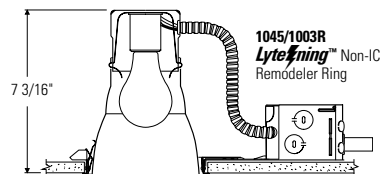
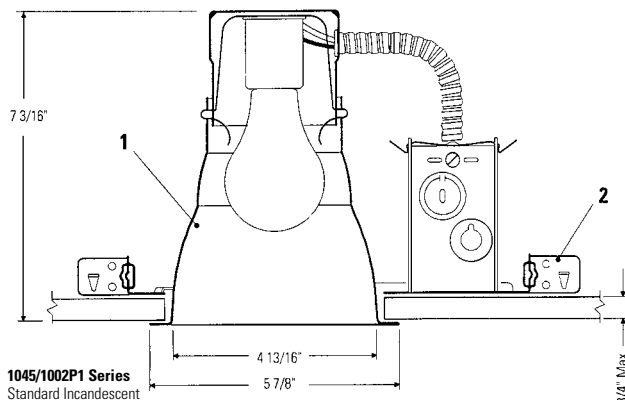
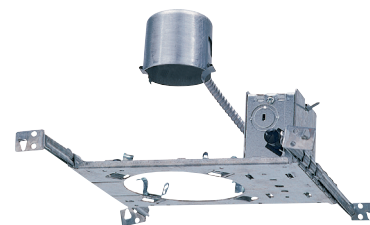
LIGHTOLIER

by @signify

Downlighting

Lytecaster 5"

1045 Deep Anodized 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			
1046 Specular Clear 1046CD Clear Diffuse	Incandescent			
	Frame-In Kit	Ceiling Type	Lamping	Height
	1002P1	Non-IC	100W A19	6 3/4"
	1003R	Non-IC Remodeler		6 3/4"
	1000P1	Non IC		
	1000IC	IC	60W A19	7 5/16"
	1000AICM	AirSeal® IC		7 5/16"
	1004ICX/N	AirSeal® IC		7 1/4"
	1004IC/N	AirSeal® IC	40W A19	7 1/2"
	1004ICR	IC Remodeler		7 1/2"
	1004IC/N	Non-IC	60W A19	7 1/2"
	1004ICR	Non-IC Remodeler		7 1/2"

*Lightolier recommends the use of triple tube lamps.

Features

- Reflector:** Hydroformed aluminum, .040" thick (18 ga.); 38° shielding angle; specular clear diffuse, or gold finish; matte white trim flange.
- 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.

Options & Accessories

Extra Wide Flange Trim Ring:

1957 - 7" O.D.

Labels

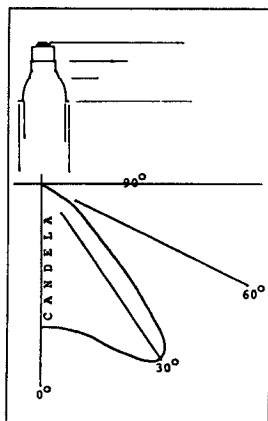
UL (Suitable for Damp Locations), I.B.E.W.

1045 Lytecaster 5"

Deep Anodized Trim

SPACING RATIO = 1.5

CERTIFIED TEST REPORT NO. 26283
COMPUTED BY INDEPENDANT TESTING LABORATORIES, INC
RECESSED LYTECASTER DOWNLIGHT
4 13/16" DIA. APERTURE, SPECULAR CLEAR CONE
ONE 100W A19 FROSTED LAMP. LUMEN RATING = 1750 LMS.



DATE: JANUARY 21, 1981
PREPARED FOR:
LIGHTOLIER, SECAUCUS N.J.

CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS
0	436	
5	439	32
10	453	
15	479	83
20	532	
25	587	154
30	616	
35	527	141
40	311	
45	177	60
50	125	
55	46	5
60	2	
65	0	0
70	0	
75	0	0
80	0	
85	0	0
90	0	

ZONAL LUMENS AND PERCENTAGES

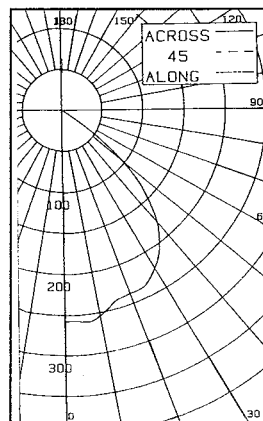
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	451	25.8	46.9
0-40	767	43.8	79.7
0-60	962	55.0	100.0
0-90	962	55.0	100.0
90-120	0	.0	.0
90-130	0	.0	.0
0-180	962	55.0	100.0

** EFFICIENCY = 55.0% **

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

SPACING RATIO = 1.3

CERTIFIED TEST REPORT NO. 1035
COMPUTED BY LSI PROGRAM **TEST-LITE**
RECESSED LYTECASTER DOWNLIGHT
4 13/16" DIA. APERTURE, SPECULAR CLEAR CONE
ONE 13W SYLVANIA DTT FLUORESCENT LAMP. LUMEN RATING = 860 LMS.



DATE: APRIL 1, 1987
PREPARED FOR:
LIGHTOLIER, SECAUCUS N.J.

CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS
0	258	
5	259	25
10	254	
15	241	69
20	238	
25	236	108
30	223	
35	205	127
40	179	
45	143	109
50	97	
55	38	40
60	4	
65	1	2
70	1	
75	0	0
80	0	
85	0	0
90	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	201	23.44	41.99
0-40	329	38.26	68.54
0-60	477	55.57	99.55
0-90	480	55.83	100.00
40-90	151	17.56	31.46
60-90	2	.25	.45
90-180	0	.00	.00
0-180	480	55.83	100.00

** EFFICIENCY = 55.8% **

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			
	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0
1	.61	.59	.58	.57	.57	.56	.55	.54	.54	.53	.53	.52	.51	.51	.50	.49	.48	.47	.46	.45	.44	.43	.42	.41
2	.56	.54	.52	.51	.51	.49	.47	.46	.45	.44	.43	.42	.41	.40	.39	.38	.37	.36	.35	.34	.33	.32	.31	.30
3	.52	.49	.47	.46	.45	.43	.42	.41	.40	.39	.38	.37	.36	.35	.34	.33	.32	.31	.30	.29	.28	.27	.26	.25
4	.48	.45	.43	.42	.41	.39	.38	.37	.36	.35	.34	.33	.32	.31	.30	.29	.28	.27	.26	.25	.24	.23	.22	.21
5	.45	.41	.39	.38	.37	.35	.34	.33	.32	.31	.30	.29	.28	.27	.26	.25	.24	.23	.22	.21	.20	.19	.18	.17
6	.41	.38	.35	.34	.33	.31	.30	.29	.28	.27	.26	.25	.24	.23	.22	.21	.20	.19	.18	.17	.16	.15	.14	.13
7	.38	.34	.32	.31	.30	.28	.27	.26	.25	.24	.23	.22	.21	.20	.19	.18	.17	.16	.15	.14	.13	.12	.11	.10
8	.35	.31	.29	.28	.27	.25	.24	.23	.22	.21	.20	.19	.18	.17	.16	.15	.14	.13	.12	.11	.10	.09	.08	.07
9	.32	.28	.26	.25	.24	.22	.21	.20	.19	.18	.17	.16	.15	.14	.13	.12	.11	.10	.09	.08	.07	.06	.05	.04
10	.29	.26	.23	.22	.21	.20	.19	.18	.17	.16	.15	.14	.13	.12	.11	.10	.09	.08	.07	.06	.05	.04	.03	.02

20% FLOOR CAVITY REFLECTANCE

Conversion Factor: Gold, C.U. x 0.9.

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	80				70				50				30				10				0			
	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0
1	.62	.60	.59	.58	.58	.57	.56	.55	.54	.54	.53	.52	.51	.51	.50	.49	.48	.47	.46	.45	.44	.43	.42	.41
2	.57	.55	.52	.51	.51	.49	.47	.46	.45	.44	.43	.42	.41	.40	.39	.38	.37	.36	.35	.34	.33	.32	.31	.30
3	.52	.49	.47	.46	.45	.43	.42	.41	.40	.39	.38	.37	.36	.35	.34	.33	.32	.31	.30	.29	.28	.27	.26	.25
4	.48	.45	.43	.42	.41	.39	.38	.37	.36	.35	.34	.33	.32	.31	.30	.29	.28	.27	.26	.25	.24	.23	.22	.21
5	.44	.41	.38	.37	.36	.34	.33	.32	.31	.30	.29	.28	.27	.26	.25	.24	.23	.22	.21	.20	.19	.18	.17	.16
6	.41	.37	.34	.33	.32	.30	.29	.28	.27	.26	.25	.24	.23	.22	.21	.20	.19	.18	.17	.16	.15	.14	.13	.12
7	.37	.33	.31	.30	.29	.27	.26	.25	.24	.23	.22	.21	.20	.19	.18	.17	.16	.15	.14	.13	.12	.11	.10	.09
8	.34	.30	.27	.26	.25	.23	.22	.21	.20	.19	.18	.17	.16	.15	.14	.13	.12	.11	.10	.09	.08	.07	.06	.05
9	.31	.27	.24	.23	.22	.20	.19	.18	.17	.16	.15	.14	.13	.12	.11	.10	.09	.08	.07	.06	.05	.04	.03	.02
10	.28	.24	.22	.21	.20	.18	.17	.16	.15	.14	.13	.12	.11	.10	.09	.08	.07	.06	.05	.04	.03	.02	.01	.00

20% FLOOR CAVITY REFLECTANCE

Conversion Factor: Gold, C.U. x 0.9.

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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