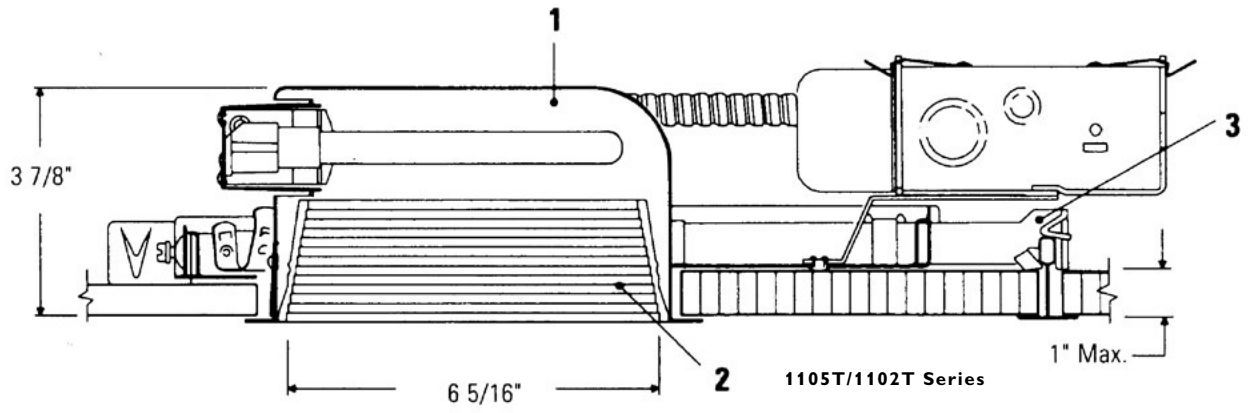
1105T

Lytecaster 6 ¾" Low Profile, Step Baffle, Reflector Trim

Project:	Catalog No:	Mfg:
Location:	Fixture Type:	Qty:
Notes:		Lamps:



Ordering guide

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

Reflector Trim		Frame-In Kit — See Individual Frame-In Kit Specification Sheets			
		Fluorescent			
		Frame-In Kit	Installation Type	Lamping	Height
1105T	Black Baffle	**1102T1** **1102TH1** **1102TH2** **1102TH1R**	Non-IC Non-IC Non-IC Non-IC Remodeler	2 Lamp 13W Twin Tube, Compact Fluorescent, (Gx23) 2 Pin Base	3 7/8"
1105TWH	White Baffle				
1105TBK	Matte Black				
1105TCD	Clear Diffuse				
		1102T13U	Non-IC	2 Lamp 13W Quad Tube, Compact Fluorescent, (G24q-1) 4 Pin Base	3 7/8"
		1102T18U	Non-IC	2 Lamp 18W Quad Tube, Compact Fluorescent, (G24q-2) 4 Pin Base	3 7/8"
		1102T26U	Non-IC	2 Lamp 26W Quad Tube, Compact Fluorescent, (G24q-3) 4 Pin Base	3 7/8"

Features

1. **Reflector:** Hydroformed aluminum, 18 ga.; white gloss finish on inside and trim flange.
2. **Step Baffle:** Die cast aluminum with stepped conical surface for low-brightness, matte black or white finish.
3. **Frame-In Kit:** (1102T1 standard frame shown; other frames listed above.) See Frame-In Kit specification sheet for more details.

Options and Accessories

Lytegems:	See 1300 Series or 1400 Series Specification Sheets.
Replacement Cones:	1550 - Matte Black Step Baffle 1550 - CL, BK, BA, WH, CD
Retaining Clips:	1955 - For installing in existing ceiling
Extra Wide Flange Trim Ring:	1954 - 8-7/8" O.D.
Plaster Ring:	1961

Labels

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

PHILIPS
LIGHTOLIER

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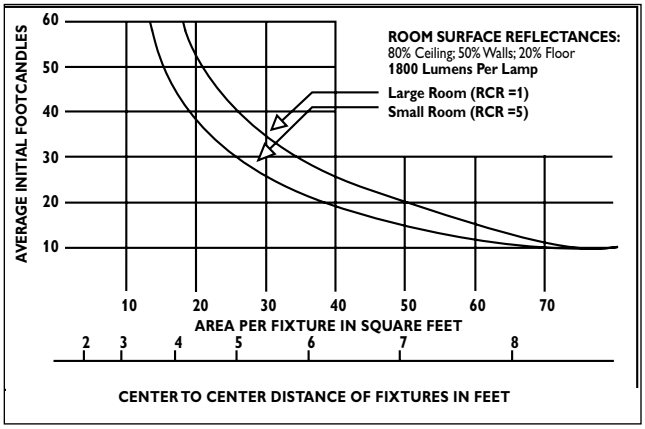
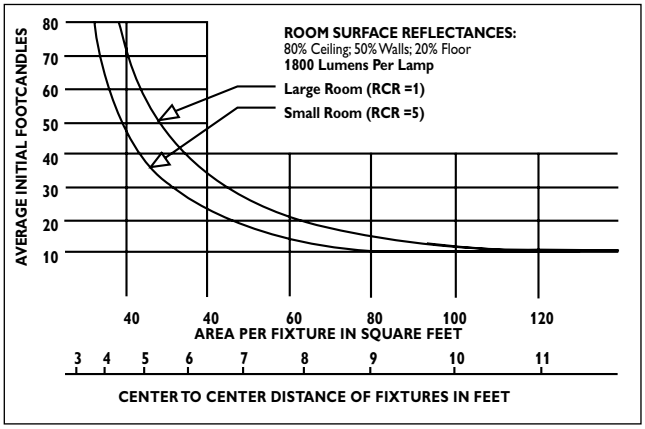
Black Step Baffle



Use quick calculator chart to determine the spacing of 2 Lt. 26 Watt Quad Tube units for a desired level of illumination. Conversion Factors: 2 Lt. - 18W Quad Tube, F.C. x 0.7; 2 Lt. - 13W Twin Tube, F.C. x 0.6.

White Step Baffle

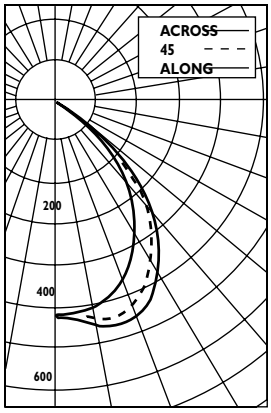


Use quick calculator chart to determine the spacing of 2 Lt. 26 Watt Quad Tube units for a desired level of illumination. Conversion Factors: 2 Lt. - 18W Quad Tube, F.C. x 0.7; 2 Lt. - 13W Twin Tube, F.C. x 0.6.

Spacing Ratio = 1.1 X 1.3

Certified Test Report No. LECG543
Computed By LSI Program **Test-Lite**

Lytecaster Low Profile Luminaire With Black Step Baffle
Two 26W Quad Compact Fluorescent Lamps, Lumen Rating = 1800 Lms.



CANDLEPOWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	LUMENS
0	525	525	525	525	525	
5	520	525	531	531	537	52
10	521	522	539	551	563	
15	55	515	550	570	577	153
20	475	692	536	557	570	
25	433	459	506	527	562	226
30	383	420	461	482	491	
35	332	369	403	418	429	243
40	273	306	335	346	361	
45	215	244	260	269	279	195
50	154	173	184	188	186	
55	99	106	112	107	98	96
60	45	49	51	45	42	
65	10	13	11	14	12	16
70	0	0	0	0	1	
75	0	0	0	0	0	0
80	0	0	0	0	0	

Zonal Lumens And Percentages

ZONE	LUMENS	% LAMP	% LUMINAIRE
0–30	430	11.96	43.91
0–40	673	16.72	68.73
0–60	964	26.79	98.37
0–90	980	27.23	100.00
40–90	306	8.52	81.27
60–90	16	0.44	1.63
90–180	0	0.00	0.00
0–180	980	27.23	100.00

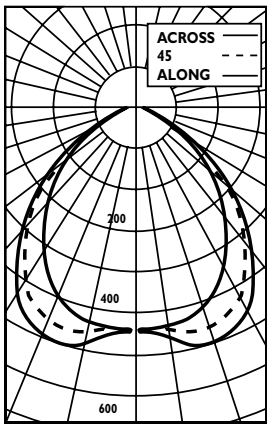
** EFFICIENCY = 27.2% **

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

Spacing Ratio = 1.2 X 1.4

Certified Test Report No. 0139FR
Computed By LSI Program **Test-Lite**

Lytecaster Low Profile Luminaire With White Step Baffle
Two 26W Quad Compact Fluorescent Lamps, Lumen Rating = 1800 Lms.



CANDLEPOWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	LUMENS
0	539	539	539	539	539	
5	539	537	538	542	549	26
10	536	540	546	559	570	
15	528	537	559	582	594	79
20	507	526	554	587	604	
25	474	506	548	575	590	124
30	435	476	517	545	558	
35	388	435	473	495	506	144
40	338	364	416	432	444	
45	285	328	351	362	372	132
50	228	264	281	286	293	
55	172	202	209	209	205	92
60	123	141	145	144	139	
65	84	92	100	104	104	50
70	63	68	72	74	75	
75	45	49	51	53	53	27
80	28	32	34	36	34	
85	14	18	21	21	19	11
90	4	6	8	6	6	

Zonal Lumens And Percentages

ZONE	LUMENS	% LAMP	% LUMINAIRE
0–30	453	12.60	34.26
0–40	731	20.33	55.29
0–60	1153	32.03	87.10
0–90	1323	36.77	100.00
40–90	592	16.44	44.71
60–90	170	4.74	12.90
90–180	0	0.00	0.00
0–180	1323	36.77	100.00

** EFFICIENCY = 36.8% **

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
	% WALL REFLECTANCE															
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.30	.29	.28	.29	.29	.28	.28	.28	.27	.27	.27	.26	.26	.26	.26	.25
2	.28	.26	.25	.27	.26	.25	.26	.25	.25	.25	.25	.24	.25	.24	.24	.23
3	.25	.24	.23	.25	.24	.23	.24	.23	.22	.24	.23	.22	.23	.22	.21	.21
4	.23	.22	.21	.23	.22	.20	.23	.21	.20	.22	.21	.20	.21	.20	.20	.19
5	.22	.20	.15	.21	.20	.18	.21	.19	.18	.20	.19	.18	.20	.19	.18	.17
6	.20	.18	.17	.20	.18	.17	.19	.18	.16	.19	.17	.16	.18	.17	.16	.16
7	.18	.16	.15	.18	.16	.15	.18	.16	.15	.17	.16	.15	.17	.16	.15	.14
8	.17	.15	.13	.16	.15	.13	.16	.14	.13	.16	.14	.13	.16	.14	.13	.13
9	.15	.13	.12	.15	.13	.12	.15	.13	.12	.15	.13	.12	.14	.13	.12	.11
10	.14	.12	.11	.14	.12	.11	.14	.12	.11	.13	.12	.11	.13	.12	.11	.10

20% FLOOR CAVITY REFLECTANCE

Conversion factors: 18W Quad Tube, C.U. x 1.0 13W Twin Tube, C.U. x 1.2

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	.39	.38	.37	.39	.37	.36	.37	.36	.35	.36	.35	.34	.34	.34	.33	.32
2	.35	.33	.32	.35	.33	.31	.33	.32	.31	.32	.31	.30	.31	.30	.29	.29
3	.32	.29	.27	.31	.29	.27	.30	.28	.27	.29	.29	.26	.29	.27	.25	.25
4	.29	.26	.24	.25	.26	.24	.28	.25	.24	.27	.25	.23	.26	.25	.23	.22
5	.26	.23	.21	.26	.23	.21	.25	.23	.21	.24	.22	.21	.24	.22	.21	.20
6	.24	.21	.19	.23	.21	.19	.23	.20	.19	.22	.20	.19	.22	.20	.18	.18
7	.22	.19	.17	.21	.19	.17	.21	.18	.16	.20	.18	.16	.20	.18	.16	.16
8	.20	.47	.15	.19	.17	.15	.19	.16	.15	.19	.16	.15	.18	.16	.15	.14
9	.18	.13	.13	.18	.15	.13	.17	.15	.13	.17	.15	.13	.17	.14	.13	.12
10	.16	.14	.12	.16	.14	.12	.16	.13	.12	.15	.13	.12	.15	.13	.12	.12

20% FLOOR CAVITY REFLECTANCE

Conversion factors: 18W Quad Tube, C.U. x 1.0 13W Twin Tube, C.U. x 1.3