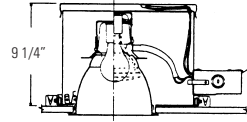


1145/1103R
Lytefining™ Non-IC
Remodeler Ring



1145/1100 DEEP IC Series
Incandescent Insulated Ceiling

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

Reflector Trim	Frame-In Kit — See Individual Frame-In Kit Specification Sheets							
	LED				Fluorescent			
	Frame-In Kit	Installation Type	Lamping	Height	Frame-In Kit	Ceiling Type	Lamping	Height
1145 Specular Gold	1101LED	Non-IC	LED	7 15/16"	1101F18U Series	UniFrame™ Non-IC	(1) Quad/Triple 18W (GX24q-2)	8 1/8" max.
	1101LEDEM	Non-IC EM	LED	7 15/16"				
1146 Specular Clear	1100LEDREM	Non-IC Remodeler	LED	7 15/16"	1101F2642 Series	UniFrame™ Non-IC	(1) Quad/Triple 26W (GX24q-3)	8 1/8" max.
	L56LED	Non-IC Retrofit	LED	7 15/16"				
1146CD Clear Diffuse	Incandescent				1100FTU Series	Non-IC	(1) Triple 26/32W (GX24q-3)	7 15/16"
	1102P1	Non-IC	100W A19	7 5/16"				
	1103R	Non-IC Remodeler	150W A21 85W BR30	7 5/16"	1101F18ICU	Performance IC	(1) Quad/Triple 18W (GX24q-2)	7 1/4"
	1100DICM	Deep IC	100W A19, PAR38	9 1/4"				
	1100DAICM	Deep AirSeal® IC	85W BR30	9 1/4"	1101F2642ICU	Performance IC	(1) Quad/Triple 26W (GX24q-3)	7 1/4"
					1101FDICMX1	Performance IC Advance Mark10 Dimming 120v	(1) Quad/Triple 26W (GX24q-3)	7 1/4"
					1101FDICMX2	Performance IC Advance Mark10 Dimming 277v	(1) Quad/Triple 26W (GX24q-3)	7 1/4"
				1910XFH1	Conversion Kit	(1) Quad 13W (GX23-2)	7 15/16"	
				1910XDH1	Conversion Kit	(2) Quad 13W (GX23-2)	7 15/16"	

Features

- Deep Reflector:** Hydroformed aluminum, .050 thick (16 ga.); specular clear or specular gold finish; matte trim flange. Depth provides 38° shielding angle.
- 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.

Options & Accessories

Spread Lens: L56WWLENS - Proprietary spread lens for use with combination of wall washer optics and LED Frame-In Kits.

Labels

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

Job Information

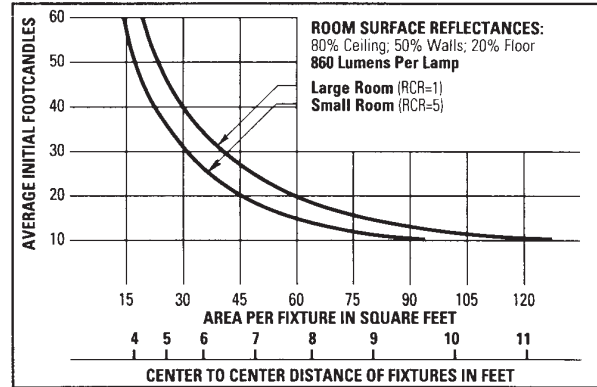
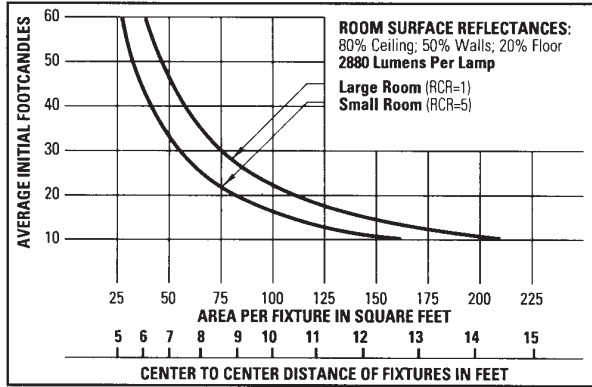
Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:



Use quick calculator chart to determine the spacing of 150 Watt A21 units (Clear) for a desired level of illumination. Conversion Factors: 150W A21, Gold, F.C. x 0.9. 100W A19: Clear, F.C. x 0.6; Gold, F.C. x 0.55.

Use quick calculator chart to determine the spacing of 2 Lt. 13 Watt Quad Tube units (Clear) for a desired level of illumination. Conversion Factors: 2 Lt. 13W Quad Tube: Gold, F.C. x 0.9. 1 Lt. 13W Quad Tube: Clear, F.C. x 0.55; Gold, F.C. x 0.5.

SPACING RATIO = 1.1

SPACING RATIO = 1.5

CERTIFIED TEST REPORT NO. 26228
INDEPENDANT TESTING LABORATORIES, INC
RECESSED LYTECASTER DOWNLIGHT
6 3/8" DIA. APERTURE, SPECULAR REFLECTOR, OPEN BOTTOM
ONE 150W A21 LAMP. LUMEN RATING = 2880 LMS.

CANDLEPOWER SUMMARY		
ANGLE	MEAN CP	LUMENS
0	1628	
5	1617	39
10	1511	112
15	1414	172
20	1320	225
25	1237	267
30	1154	304
35	922	315
40	545	245
45	277	145
50	94	75
55	12	15
60	6	4
65	4	2
70	2	1
75	1	1
80	0	0
85	0	0
90	0	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1119	38.9	58.2
0-40	1679	58.3	87.4
0-60	1918	66.6	99.8
0-90	1922	66.7	100.00
90-180	0	.00	.00
0-180	1922	66.7	100.00

DATE: JANUARY 9, 1981
PREPARED FOR:
LIGHTOLIER, JERSEY CITY N.J.

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

**** EFFICIENCY = 66.7% ****

CERTIFIED TEST REPORT NO. LS19041
COMPUTED BY LSI PROGRAM **TEST-LITE**
RECESSED LYTECASTER DOWNLIGHT
6.563" DIA. APERTURE, DEEP REFLECTOR, CLEAR SPECULAR LENS
TWO 13W DTT COMPACT FLUORESCENT LAMPS. LUMEN RATING = 860 LMS.
LOWER SOCKET POSITION

CANDLEPOWER SUMMARY			
ANGLE	MEAN CP	LUMENS	
0	541		
5	569	54	
10	602		
15	614	174	
20	621		
25	620	285	
30	600		
35	535	330	
40	433		
45	311	236	
50	163		
55	35	53	
60	3		
65	1	1	
70	0		
75	0	0	
80	0		
85	0	0	
90	0		

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	512	29.81	45.23
0-40	842	49.01	74.35
0-60	1132	65.82	99.85
0-90	1133	65.92	100.00
40-90	290	16.91	25.65
60-90	1	.10	.15
90-180	0	.00	.00
0-180	1133	65.92	100.00

LUMINANCE SUMMARY - CD./SQ. M.	
ANGLE	MEAN CD./SQ. M.
45	20621
55	2893
65	62
75	30
85	32

DATE: NOVEMBER 7, 1989
PREPARED FOR: LIGHTOLIER, SECAUCUS N.J.

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

**** EFFICIENCY = 65.9% ****

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	% WALL REFLECTANCE															
	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.74	.73	.71	.73	.71	.70	.70	.69	.68	.68	.67	.66	.65	.65	.64	.63
2	.70	.67	.65	.68	.66	.64	.66	.65	.63	.64	.63	.62	.63	.61	.60	.59
3	.65	.62	.60	.64	.62	.59	.63	.60	.58	.61	.59	.57	.60	.58	.57	.56
4	.61	.58	.55	.61	.57	.55	.59	.56	.54	.58	.55	.54	.57	.55	.53	.52
5	.57	.54	.51	.57	.53	.51	.56	.53	.50	.54	.52	.50	.53	.51	.49	.48
6	.54	.50	.47	.53	.50	.47	.52	.49	.47	.51	.49	.47	.51	.48	.46	.45
7	.50	.46	.44	.50	.46	.44	.49	.46	.43	.48	.45	.43	.47	.45	.43	.42
8	.47	.43	.40	.47	.43	.40	.46	.42	.40	.45	.42	.40	.45	.42	.40	.39
9	.44	.40	.37	.43	.40	.37	.43	.39	.37	.42	.39	.37	.42	.39	.37	.36
10	.41	.37	.34	.40	.37	.34	.40	.36	.34	.39	.36	.34	.39	.36	.34	.33

20% FLOOR CAVITY REFLECTANCE

Conversion Factor: 100W A19, Clear, C.U. x 1.0. 100W A19 and 150W A21: Gold, C.U. x 0.9.

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	% WALL REFLECTANCE															
	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.73	.71	.70	.71	.70	.68	.69	.67	.66	.66	.65	.64	.64	.63	.62	.61
2	.68	.65	.62	.66	.64	.62	.64	.62	.60	.62	.61	.59	.61	.59	.58	.57
3	.62	.59	.56	.61	.58	.56	.60	.57	.55	.58	.56	.54	.57	.55	.53	.52
4	.58	.54	.51	.57	.54	.51	.56	.53	.50	.54	.52	.50	.53	.51	.49	.48
5	.54	.49	.46	.53	.49	.46	.52	.48	.46	.50	.47	.45	.49	.47	.45	.44
6	.49	.45	.42	.49	.45	.42	.48	.44	.41	.47	.44	.41	.46	.43	.41	.40
7	.45	.41	.38	.45	.41	.38	.44	.40	.37	.43	.40	.37	.42	.39	.37	.36
8	.41	.37	.34	.41	.37	.34	.40	.36	.34	.40	.36	.33	.39	.36	.33	.32
9	.38	.33	.30	.37	.33	.30	.37	.33	.30	.36	.33	.30	.36	.34	.30	.29
10	.35	.30	.27	.34	.30	.27	.34	.30	.27	.33	.29	.27	.33	.29	.27	.26

20% FLOOR CAVITY REFLECTANCE

Conversion Factor: 2 Lt. 13W Quad Tube: Gold, C.U. x 0.9. 1 Lt. 13W Quad Tube: Clear, C.U. x 1.1; Gold, C.U. x 1.0.

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.

Job Information **Type:**

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
www.lightolier.com © 2012 Philips Group • C0112