

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	
1078 Opal	1001LED	Non-IC	LED	6 3/4"	1001F13U Series	UniFrame™ Non-IC	(1) Quad/Triple 13W (GX24q-1)	5 7/8"	
	1001LEDEM	Non-IC EM	LED	6 3/4"					
	1000LEDREM	Non-IC Remodeler	LED	6 3/4"					
	L56LED	Non-IC Retrofit	LED	6 3/4"					
		Incandescent				1001F18U Series	UniFrame™ Non-IC	(1) Quad /Triple 18W (GX24q-2)	5 7/8"
						1001F26U Series	UniFrame™ Non-IC	(1) Triple 26W (GX24q-3)	5 7/8"
						1004F13 Series	IC	(1) Quad/Triple 13W (GX24q-1)	7 1/2"
						1004F18 Series	IC	(1) Quad/Triple 18W (GX24q-2)	7 1/2"
						1004F26* Series	IC	(1) Quad/Triple 26W (GX24q-2)	7 1/2"
						1001F 13ICU/N	Performance IC	(1) Quad/Triple 13W (GX24q-1)	7 1/4"
						1001F18ICU/N	Performance IC	(1) Quad/Triple 18W (GX24q-2)	7 1/4"
						1001F26ICU/N	Performance IC	(1) Triple 26W (GX24q-3)	7 1/4"
						1001FDICMX1/N	Performance IC Advance Mark 10 Dimming 120v	(1) Triple 26W (GX24q-3)	7 1/4"
						1001FDICMX2/N	Performance IC Advance Mark 10 Dimming 277v	(1) Triple 26W (GX24q-3)	7 1/4"
					1910XFH1	Conversion Kit	(1) Quad/Triple 13W (GX23q-2)	6 3/4 "	

* 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.

Job Information

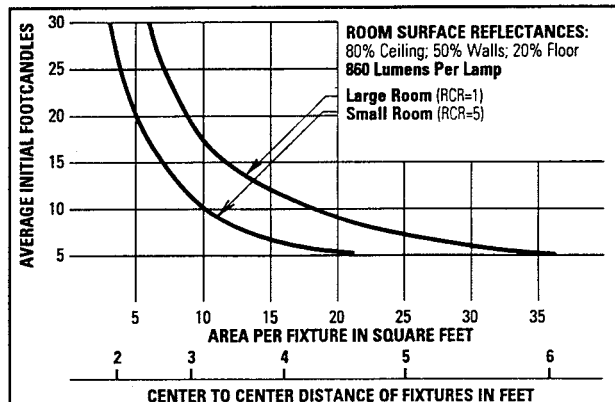
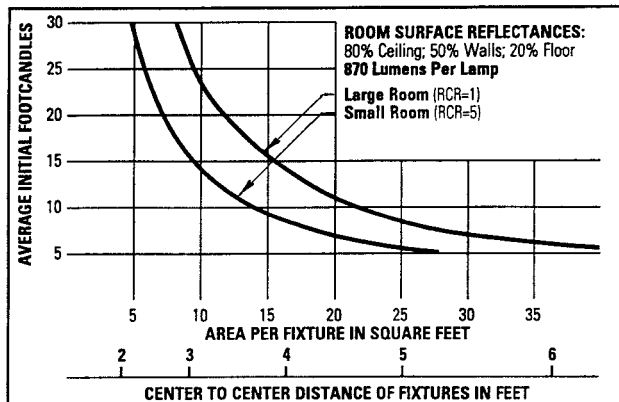
Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:



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

Use quick calculator chart to determine the spacing of 13 Watt Quad Tube units for a desired level of illumination.

SPACING RATIO = 1.3

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CERTIFIED TEST REPORT NO. 1089
COMPUTED BY LSI PROGRAM **TEST-LITE**
RECESSED LYTECASTER DOWNLIGHT
4 5/8" DIA. APERTURE, DROPPED DIFFUSER
ONE 60W A19 FROSTED LAMP. LUMEN RATING = 870 LMS.

ANGLE	MEAN CP	LUMENS
0	61	
5	61	6
10	60	
15	59	17
20	58	
25	56	26
30	55	
35	53	33
40	51	
45	48	37
50	44	
55	41	37
60	37	
65	33	33
70	28	
75	24	25
80	19	
85	15	17
90	13	

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	48	5.56	21.07
0-40	81	9.38	35.52
0-60	155	17.84	67.57
0-90	229	26.40	100.00
40-90	148	17.02	64.48
60-90	74	8.56	32.43
90-180	0	.00	.00
0-180	229	26.40	100.00

DATE: APRIL 23, 1987
PREPARED FOR:
LIGHTOLIER, SECAUCUS N.J.

** EFFICIENCY = 26.4% **

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

CERTIFIED TEST REPORT NO. 1078
COMPUTED BY LSI PROGRAM **TEST-LITE**
RECESSED LYTECASTER DOWNLIGHT
4 5/8" DIA. APERTURE, DROPPED DIFFUSER
ONE 13W SYLVANIA DTT FLUORESCENT LAMP. LUMEN RATING = 860 LMS.

ANGLE	MEAN CP	LUMENS
0	47	
5	46	4
10	45	
15	44	13
20	44	
25	43	20
30	42	
35	40	25
40	39	
45	36	28
50	34	
55	31	28
60	29	
65	25	25
70	21	
75	18	19
80	15	
85	12	13
90	10	

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	36	4.28	20.94
0-40	62	7.23	35.33
0-60	118	13.75	67.28
0-90	175	20.45	100.00
40-90	113	12.23	64.67
60-90	57	6.70	32.74
90-180	0	.00	.00
0-180	175	20.45	100.00

DATE: APRIL 10, 1987
PREPARED FOR:
LIGHTOLIER, SECAUCUS N.J.

** EFFICIENCY = 20.5% **

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

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE																							
	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	.27	.26	.24	.26	.25	.24	.25	.24	.23	.24	.23	.23	.23	.22	.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

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE																							
	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	.21	.20	.19	.20	.19	.19	.19	.19	.18	.19	.18	.17	.18	.17	.17	.17								
2	.18	.16	.15	.18	.16	.15	.17	.16	.15	.16	.15	.14	.16	.15	.14	.14								
3	.16	.14	.12	.15	.14	.12	.15	.13	.12	.14	.13	.12	.14	.13	.12	.11								
4	.14	.12	.11	.14	.12	.11	.13	.12	.11	.13	.11	.10	.13	.11	.10	.10								
5	.12	.10	.09	.12	.10	.09	.12	.10	.09	.11	.10	.09	.11	.10	.09	.08								
6	.11	.09	.08	.11	.09	.08	.10	.09	.08	.10	.09	.07	.10	.09	.07	.07								
7	.10	.08	.07	.10	.08	.07	.09	.08	.06	.09	.07	.06	.09	.07	.06	.06								
8	.09	.07	.06	.09	.07	.06	.08	.07	.06	.08	.07	.06	.08	.07	.06	.05								
9	.08	.06	.05	.08	.06	.05	.08	.06	.05	.07	.06	.05	.07	.06	.05	.05								
10	.07	.06	.04	.07	.06	.04	.07	.05	.04	.07	.05	.04	.07	.05	.04	.04								

20% FLOOR CAVITY REFLECTANCE

Job Information Type:

to convert lighting data for an average ceiling height of 8 feet, the lumens of the lamp must be multiplied by the ratio of the ceiling height to the average ceiling height. The ratio of the ceiling height to the average ceiling height is 8 feet divided by 8 feet, which equals 1.0. Therefore, the lumens of the lamp remain the same.

PHILIPS LIGHTOLIER®