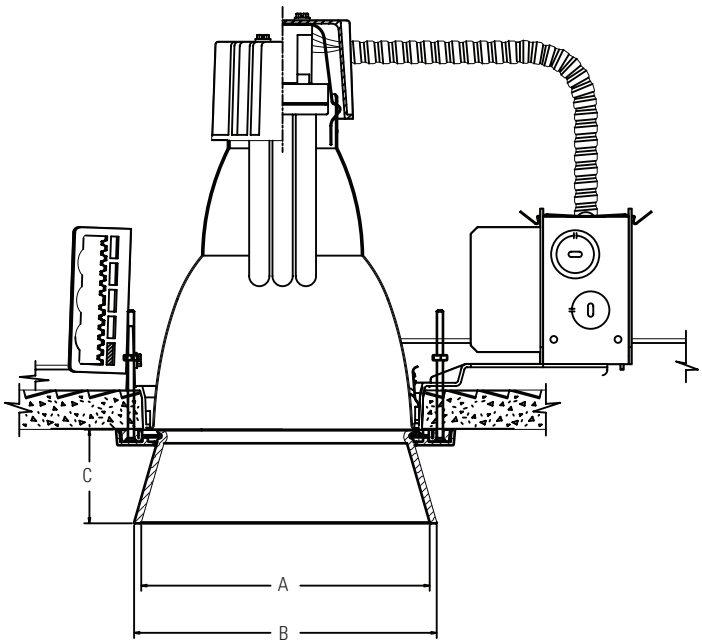
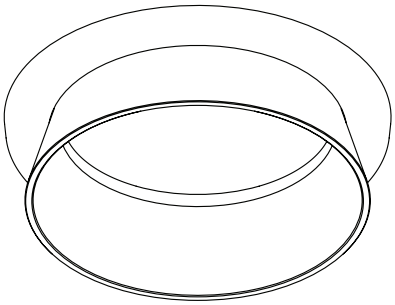
DA03

Decorative, Vetro, 4", 6" & 7" CFL





Decorative Element Catalog No.	Trim- Kit	Frame-In Kit	Lamping	Dimensions		
				A	B	C
D4A03	**8011CL**	**4118VU Family** **D4132VU Family**	(1) 18W Triple Tube (1) 26W or 32W Triple Tube	5 1/8"	6 1/4"	2"
D6A03	**8021CL; 8031CL; 8091DCL** **8052CL** **8051CL**	**S6132BU Family** **6213HU Family** **6218HU Family**	(1) 26W or 32W Triple Tube (2) 13W Quad (2) 18W Quad	6 5/8"	7 3/4"	2 1/8"
D7A03	**8022CL; 8037CL;** **8097DCL** **8056CL; 8096DCL** **8056CL; 8096DCL** **8056CL**	**S7142BU Family** **7218HU Family** **S7226HU Family** **7126HU Family**	(1) 26W, 32W or 42W Triple Tube (2) 18W Quad Tube (2) 26W Quad Tube (1) 26W Quad Tube	8 1/8"	9 1/4"	2 1/8"

Job Information **Type:**

Job Name:

Cat. No.:

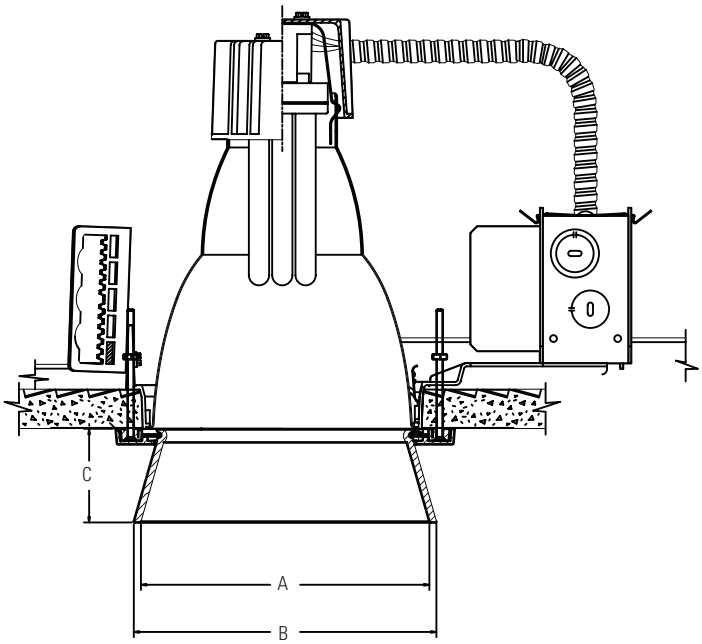
Notes:

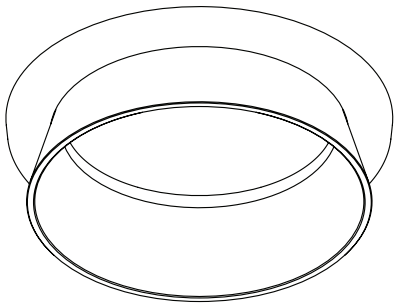
PHILIPS

LIGHTOLIER

DA03

Decorative, Vetro, 4", 6" & 7" CFL





Features

1. **Decorative element:** Angled hand blown triplex glass carefully proportioned to each aperture size. Glass is gently and evenly illuminated for clean brightness recognition.
2. **Die cast finish ring:** Aluminum die cast finish ring with crisp 90 degree edges conceals all fasteners for a clean finished appearance.
3. **Die cast construction ring:** Internal die cast construction ring is mechanically attached to frame in kit and is concealed by finish ring.
4. **Mounting frame fasteners:** Four #8-32 screws and 4 knurled die-cast thumb screws secure construction ring to frame in kit.
5. **Reflector:** Flangeless trim required. Specified separately. Use specular clear (CL) finish for best performance and aesthetics.
6. **Frame-in kit:** Specified separately. See trim kit specification sheet for additional details.

Mechanical

Die cast construction ring securely fastened to four mounting frame studs and 4 (3/8" dia.) aluminum knobs. Decorative Element and finish ring quarter turn twist and lock into die cast construction ring.

Labels

cULus (Damp Location)

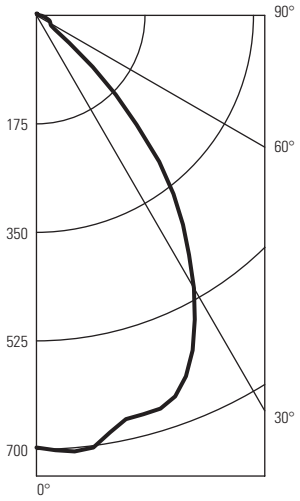
Job Information	Type:

PHILIPS
LIGHTOLIER

DA03

Decorative, Vetro, 4", 6" & 7" CFL

8021CL-D6A03



Luminance Summary - CD. / SQ. M.

Angle	Mean CD/SQ M
45	14072
55	2746
65	3095
75	3378
85	5667

Calculite 6" Series Recessed Vetro Downlight,
Cat.# 8021CL/D6A03 32W G.E. Biax T/E Triple Tube.
Lumen Rating = 2200 Lms. Universal Ballast #C2642UNVBES

Candlepower Summary

Angle	Mean CP	LMS.	Angle	Mean CP	LMS.
0	697		90	6	
5	706	67	95	4	4
10	683		100	2	
15	666	189	105	2	2
20	654		110	2	
25	596	272	115	2	2
30	508		120	2	
35	412	258	125	2	2
40	308		130	2	
45	181	143	135	2	2
50	69		140	3	
55	29	34	145	2	2
60	26		150	3	
65	24	23	155	3	1
70	21		160	3	
75	16	17	165	3	1
80	12		170	3	
85	9	10	175	3	0
90	6		180	3	

Tested According to IES Procedures. Test Distance Exceeds Five Times the Greatest Luminous Opening of Luminaire.

Coefficients of Utilization

Ceiling	80%				70%				50%			30%			10%			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																	
0	.56	.56	.56	.56	.54	.54	.54	.54	.52	.52	.52	.49	.49	.49	.47	.47	.47	.46
1	.53	.51	.50	.49	.51	.50	.49	.48	.48	.47	.46	.46	.45	.45	.44	.44	.43	.42
2	.50	.47	.45	.44	.49	.47	.45	.43	.45	.43	.42	.43	.42	.41	.42	.41	.40	.39
3	.47	.44	.41	.39	.46	.43	.41	.39	.42	.40	.38	.41	.39	.38	.40	.38	.37	.36
4	.45	.41	.38	.36	.44	.40	.38	.36	.39	.37	.35	.38	.36	.35	.37	.36	.34	.34
5	.42	.38	.35	.33	.41	.38	.35	.33	.37	.34	.32	.36	.34	.32	.35	.33	.32	.31
6	.40	.35	.33	.30	.39	.35	.32	.30	.34	.32	.30	.34	.31	.30	.33	.31	.29	.29
7	.37	.33	.30	.28	.37	.33	.30	.28	.32	.29	.28	.31	.29	.27	.31	.29	.27	.26
8	.35	.31	.28	.26	.35	.30	.27	.25	.30	.27	.25	.29	.27	.25	.29	.27	.25	.24
9	.33	.28	.25	.23	.33	.28	.25	.23	.28	.25	.23	.27	.25	.23	.27	.24	.23	.22
10	.31	.26	.23	.21	.31	.26	.23	.21	.26	.23	.21	.25	.23	.21	.25	.23	.21	.20

Room Cavity Ratio

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 33.0

Zonal Lumens and Percentages

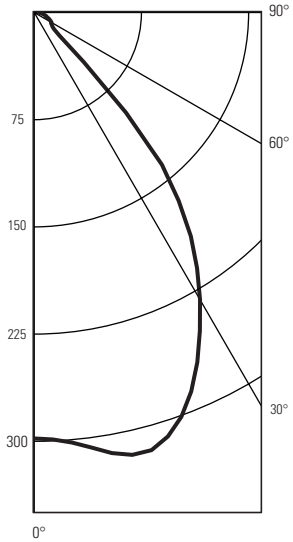
Zone	Lumens	% Lamp	%Luminaire
0-30	528	24.01	51.31
0-40	785	35.72	76.34
0-60	963	43.77	93.56
0-90	1013	46.06	98.45
40-90	227	10.35	22.11
60-90	50	2.29	4.89
90-180	15	.72	1.55
0-180	1029	46.79	100.00

** Efficiency = 46.8% **

Certified Test Report no. 3493FR
Computed by LSI Program **TEST-LITE**
SC = 1.1

Prepared For:
Lightolier
Fall River, MA

8011CL-D4A03



Calculite 4" Dia. Recessed Vetro Downlight,
Cat.# 8011CL/D4A03
18W G.E. Biax T/E Triple Tube. Lumen Rating = 1200 LMS.
Universal Ballast #C218UNVBES

Candlepower Summary

Angle	Mean CP	Lumens
0	298	
5	302	29
10	313	
15	317	88
20	301	
25	270	124
30	232	
35	191	118
40	139	
45	49	49
50	18	
55	15	14
60	14	
65	12	12
70	9	
75	8	8
80	6	
85	5	5
90	3	

Tested According to IES Procedures. Test Distance Exceeds Five Times the Greatest Luminous Opening of Luminaire.

Coefficients of Utilization

Ceiling	80%				70%				50%			30%			10%			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																	
0	.44	.44	.44	.44	.43	.43	.43	.43	.41	.41	.41	.40	.40	.40	.38	.38	.38	.37
1	.42	.41	.40	.39	.41	.40	.39	.39	.39	.38	.37	.37	.37	.36	.36	.36	.35	.35
2	.40	.38	.37	.35	.39	.37	.36	.35	.36	.35	.34	.35	.34	.33	.34	.33	.33	.32
3	.38	.35	.33	.32	.37	.35	.33	.32	.34	.32	.31	.33	.32	.31	.32	.31	.30	.30
4	.36	.33	.31	.29	.35	.33	.31	.29	.32	.30	.29	.31	.30	.28	.30	.29	.28	.28
5	.34	.31	.28	.27	.33	.30	.28	.27	.30	.28	.27	.29	.27	.26	.29	.27	.26	.25
6	.32	.29	.26	.25	.32	.28	.26	.25	.28	.26	.25	.27	.26	.24	.27	.25	.24	.24
7	.30	.27	.24	.23	.30	.27	.24	.23	.26	.24	.23	.26	.24	.22	.25	.24	.22	.22
8	.29	.25	.23	.21	.28	.25	.23	.21	.24	.22	.21	.24	.22	.21	.24	.22	.21	.20
9	.27	.23	.21	.19	.27	.23	.21	.19	.23	.21	.19	.22	.20	.19	.22	.20	.19	.19
10	.26	.22	.19	.18	.25	.22	.19	.18	.21	.19	.18	.21	.19	.18	.21	.19	.18	.17

Room Cavity Ratio

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 23.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	241	20.13	53.91
0-40	359	29.98	80.29
0-60	423	35.26	94.41
0-90	448	37.34	100.00
40-90	88	7.36	19.71
60-90	25	2.09	5.59
90-180	0	.00	.00
0-180	448	37.34	100.00

** Efficiency = 37.3% **

Certified Test Report no. 3559FR
Computed by LSI Program **TEST-LITE**
SC = 1.1

Prepared For:
Lightolier
Fall River, MA

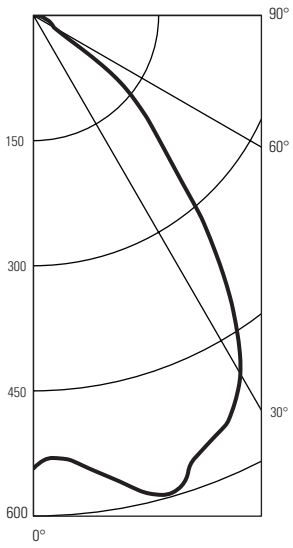
Job Information **Type:**

PHILIPS
LIGHTOLIER

DA03

Decorative, Vetro, 4", 6" & 7" CFL

8031CL-D6A03



Calculite 6" Dia. Recessed Horizontal Vetro Downlight,
Cat.# 8031CL/D6A03 32W Sylvania Dulux T/E
Triple Tube. Lumen Rating = 2400 LMS.
Universal Ballast #C2642UNVBES(#1)

Candlepower Summary

Angle	Along	22.5.	45	67.5	Across.	Output Lumens
0	543	543	543	543	543	
5	536	541	550	555	562	53
10	565	572	577	567	558	
15	595	594	586	572	569	164
20	565	575	574	568	583	
25	543	557	528	560	584	253
30	496	511	507	508	524	
35	410	431	445	487	514	277
40	308	308	337	374	406	
45	216	213	206	202	211	174
50	160	154	142	123	111	
55	79	72	62	60	61	67
60	28	28	28	29	30	
65	24	24	24	25	26	24
70	20	20	20	21	21	
75	14	15	15	15	16	16
80	11	11	11	11	12	
85	8	7	7	8	8	8
90	4	4	4	5	5	

Tested According to IES Procedures. Test Distance Exceeds Five Times the Greatest Luminous Opening of Luminaire.

Coefficients of Utilization

Ceiling	80%				70%				50%			30%			10%			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																	
0	.51	.51	.51	.51	.50	.50	.50	.50	.48	.48	.48	.46	.46	.46	.44	.44	.44	.43
1	.49	.47	.46	.45	.48	.46	.45	.44	.45	.44	.43	.43	.42	.42	.41	.41	.40	.40
2	.46	.44	.42	.40	.45	.43	.41	.40	.41	.40	.39	.40	.39	.38	.39	.38	.37	.36
3	.43	.40	.38	.36	.42	.39	.37	.35	.38	.36	.35	.37	.36	.34	.36	.35	.34	.33
4	.41	.37	.34	.32	.40	.37	.34	.32	.36	.33	.32	.35	.33	.31	.34	.32	.31	.30
5	.38	.34	.31	.29	.37	.34	.31	.29	.33	.31	.29	.32	.30	.29	.32	.30	.28	.28
6	.36	.32	.29	.27	.35	.31	.28	.26	.31	.28	.26	.30	.28	.26	.29	.27	.26	.25
7	.34	.29	.26	.24	.33	.29	.26	.24	.28	.26	.24	.27	.25	.24	.27	.25	.23	.23
8	.31	.27	.24	.22	.31	.26	.24	.22	.26	.23	.22	.25	.23	.21	.25	.23	.21	.21
9	.29	.25	.22	.20	.29	.24	.22	.20	.24	.21	.19	.23	.21	.19	.23	.21	.19	.19
10	.27	.23	.20	.18	.27	.22	.20	.18	.22	.19	.18	.22	.19	.18	.21	.19	.17	.17

Room Cavity Ratio

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 36.0

Zonal Lumens and Percentages

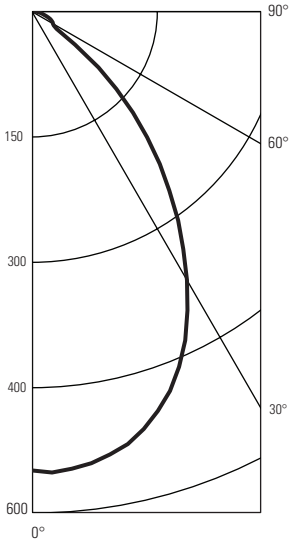
Zone	Lumens	% Lamp	%Luminaire
0-30	469	19.55	45.26
0-40	746	31.10	71.99
0-60	987	41.16	95.27
0-90	1036	43.20	100.00
40-90	290	12.10	28.01
60-90	49	2.04	4.73
90-180	0	.00	.00
0-180	1036	43.20	100.00

** Efficiency = 43.2% **

Certified Test Report no. 3535FR
Computed by LSI Program **TEST-LITE**
SC(ALONG) = 1.3, SC(ACROSS) = 1.4

Prepared For:
Lightolier
Fall River, MA

8091DCL-D6A03



Calculite 6" Vetro Horizontal Downlight,
Cat.# 8091DCL/D6A03, Opal Lens 32W Sylvania Dulux T/E
Triple Tube. Lumen Rating = 2400 LMS.
Universal Ballast #C2642UNVBES(#1)

Candlepower Summary

Angle	Along	22.5	45	67.5	Across	Output Lumens
0	549	549	549	549	549	
5	548	545	543	545	549	52
10	536	534	533	534	538	
15	513	511	509	512	517	144
20	478	475	474	478	483	
25	426	423	421	428	434	196
30	362	360	360	367	371	
35	290	289	292	299	305	185
40	220	220	224	232	238	
45	158	157	162	168	171	127
50	105	105	105	104	104	
55	34	34	35	35	36	46
60	30	29	30	29	29	
65	26	26	26	26	26	26
70	22	21	21	21	21	
75	15	15	15	15	15	17
80	11	11	11	11	11	
85	8	7	7	7	7	8
90	4	4	4	4	4	

Tested According to IES Procedures. Test Distance Exceeds Five Times the Greatest Luminous Opening of Luminaire.

Coefficients of Utilization

Ceiling	80%				70%				50%			30%			10%			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																	
0	.40	.40	.40	.40	.39	.39	.39	.39	.37	.37	.37	.35	.35	.35	.34	.34	.34	.33
1	.38	.36	.36	.35	.37	.36	.35	.34	.34	.34	.33	.33	.33	.32	.32	.32	.31	.31
2	.35	.34	.32	.31	.35	.33	.32	.31	.32	.31	.30	.31	.30	.29	.30	.29	.29	.28
3	.33	.31	.29	.28	.33	.31	.29	.28	.30	.28	.27	.29	.28	.27	.28	.27	.26	.26
4	.32	.29	.27	.25	.31	.28	.27	.25	.28	.26	.25	.27	.26	.24	.26	.25	.24	.24
5	.30	.27	.24	.23	.29	.26	.24	.23	.26	.24	.23	.25	.24	.22	.25	.23	.22	.22
6	.28	.25	.23	.21	.27	.24	.22	.21	.24	.22	.21	.23	.22	.21	.23	.22	.20	.20
7	.26	.23	.21	.19	.26	.23	.21	.19	.22	.20	.19	.22	.20	.19	.21	.20	.19	.18
8	.25	.21	.19	.18	.24	.21	.19	.17	.21	.19	.17	.20	.19	.17	.20	.18	.17	.17
9	.23	.20	.17	.16	.23	.19	.17	.16	.19	.17	.16	.19	.17	.16	.18	.17	.16	.15
10	.22	.18	.16	.15	.21	.18	.16	.15	.18	.16	.15	.17	.16	.14	.17	.16	.14	.14

Room Cavity Ratio

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 38.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	391	16.32	48.98
0-40	576	24.04	72.12
0-60	749	31.23	93.72
0-90	799	33.33	100.00
40-90	223	9.29	27.88
60-90	50	2.09	6.28
90-180	0	.00	.00
0-180	799	33.33	100.00

** Efficiency = = 33.3% **

Certified Test Report no. 3519FR
Computed by LSI Program **TEST-LITE**
SC(ALONG) = 1.0, SC(ACROSS) = 1.1

Prepared For:
Lightolier
Fall River, MA

Philips Lightolier
e: lol.webmaster@philips.com
t: (508) 679-8131
w: www.lightolier.com

DA03-CFL May 31, 2011

Job Information **Type:**