

Complete Fixture consists of Decorative Element, Trim-Kit + Frame-In Kit. Each sold separately.

**3 Piece Ordering System, Example: D4A01 + 8011CL + 4118VU**

Decorative Element Catalog No.	Trim- Kit	Frame-In Kit	Lamping	Dimensions		
				A	B	C
D4A01	8011CL	4118VU Family D4132VU Family	(1) 18W Triple Tube (1) 26W or 32W Triple Tube	33/4"	6"	13/4"
D6A01	8021CL; 8031CL; 8091DCL 8052CL 8051CL	S6132BU Family 6213HU Family 6218HU Family	(1) 26W or 32W Triple Tube (2) 13W Quad (2) 18W Quad	45/8"	7 1/2"	17/8"
D7A01	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	5 1/2"	9"	2"

### Features

- Decorative Element:** Solid high temp, UV resistant composite with open aperture. Interior diameter is frosted. Polished exterior.
- Aluminum Insert:** Satin Aluminum ring is mechanically inserted in composite to create drama and intrigue in the element.
- Die Cast Construction Ring:** Exterior edge of construction ring is visible, satin aluminum finish matches diameter of decorative element for a flangeless appearance.
- Fastener cover:** Stamped aluminum cover ring provided on top of decorative element to cover construction ring fasteners.
- Mounting Frame Fasteners:** Four #8-32 screws and 4 knurled die-cast thumb screws secure construction ring to frame in kit.
- Reflector:** FLANGELESS TRIM REQUIRED. Specified separately. Use Specular Clear (CL) finish for best performance and aesthetics
- Frame-In Kit:** Specified separately. See Trim Specification Sheet for additional details.

### Mechanical

Decorative elements securely fastened to four mounting frame studs.

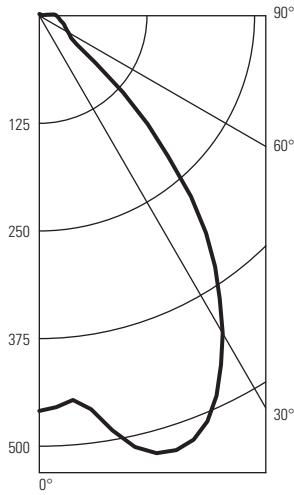
### Labels

cULus (Damp Location)

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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### 8021CL-D6A01



Calculate 6" Recessed Vetro Downlight, Cat.# 8021CL/D6A01  
32W G.E. Biax T/E Triple Tube (Lower Position).  
Lumen Rating = 2200 Lms. Universal Ballast #C2642UNVBES

#### Candlepower Summary

Angle	Mean CP	LMS.	Angle	Mean CP	LMS.
0	459	90	90	20	
5	448	44	95	17	15
10	489		100	3	
15	526	146	105	2	2
20	524		110	2	
25	487	223	115	2	2
30	426		120	2	
35	356	222	125	2	2
40	274		130	2	
45	178	138	135	2	1
50	85		140	2	
55	45	48	145	2	1
60	39		150	2	
65	34	34	155	2	1
70	31		160	2	
75	27	29	165	2	1
80	24		170	2	
85	22	24	175	2	0
90	20		180	2	

#### Luminance Summary - CD. / SQ. M.

Angle	Mean CD/SQ M
45	13825
55	4359
65	4460
75	5694
85	13872

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%				
	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	0
Wall	Zonal Cavity Method - Effective Floor Reflectance = 20%																				
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																				
0	.50	.50	.50	.50	.49	.49	.49	.49	.46	.46	.46	.44	.44	.44	.42	.42	.42	.42	.41	.37	.37
1	.47	.46	.44	.43	.46	.45	.43	.42	.42	.42	.41	.41	.40	.39	.39	.38	.38	.37	.36	.35	.34
2	.44	.42	.40	.38	.43	.41	.39	.37	.39	.38	.36	.38	.36	.35	.36	.35	.34	.34	.33	.32	.31
3	.41	.38	.36	.34	.40	.37	.35	.33	.36	.34	.33	.35	.33	.32	.34	.33	.31	.31	.30	.29	.28
4	.39	.35	.33	.30	.38	.35	.32	.30	.34	.31	.30	.33	.31	.29	.32	.30	.29	.28	.27	.26	.26
5	.37	.33	.30	.28	.36	.32	.29	.27	.31	.29	.27	.30	.28	.27	.29	.28	.26	.26	.25	.24	.24
6	.35	.30	.27	.25	.34	.30	.27	.25	.29	.26	.25	.28	.26	.24	.27	.26	.24	.23	.22	.21	.21
7	.32	.28	.25	.23	.32	.27	.25	.23	.27	.24	.22	.26	.24	.22	.25	.23	.22	.21	.20	.19	.19
8	.30	.26	.23	.21	.30	.25	.23	.21	.25	.22	.20	.24	.22	.20	.24	.22	.20	.19	.18	.17	.17
9	.28	.24	.21	.19	.28	.23	.21	.19	.23	.20	.19	.22	.20	.18	.22	.20	.18	.17	.16	.15	.15
10	.27	.22	.19	.17	.26	.22	.19	.17	.21	.19	.17	.21	.18	.17	.20	.18	.17	.16	.15	.14	.14

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

#### Zonal Lumens and Percentages

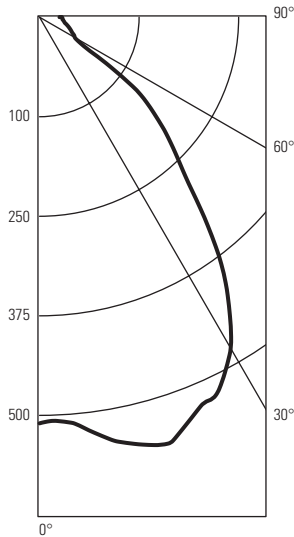
Zone	Lumens	% Lamp	%Luminaire
0-30	413	18.77	44.29
0-40	634	28.84	68.05
0-60	820	37.32	88.03
0-90	907	41.26	97.35
40-90	273	12.42	29.30
60-90	86	3.95	9.31
90-180	24	1.12	2.65
0-180	932	42.39	100.00

Certified test report# 3494FR  
Computed by LSI program \*\*TEST-LITE\*\*  
SC = 1.0

Prepared For:  
Lightolier  
Fall River, MA

\*\* Efficiency = 42.4% \*\*

### 8031CL-D6A01



Calculate 6" Dia. Recessed Horizontal Vetro Downlight,  
Cat.# 8031CL/D6A01  
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	LMS
0	408	408	408	408	408	
5	410	418	423	422	420	40
10	432	445	452	440	436	
15	445	446	439	429	431	123
20	434	427	416	409	413	
25	419	393	393	417	416	187
30	384	388	381	391	388	
35	326	351	383	396	393	224
40	252	266	299	322	323	
45	193	182	174	172	171	150
50	150	141	127	111	111	
55	87	79	73	72	73	72
60	41	42	43	44	44	
65	36	37	37	38	38	38
70	32	33	33	34	34	
75	28	28	29	30	30	31
80	25	26	27	27	26	
85	23	24	24	25	24	26
90	20	21	21	21	21	

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%				
	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	0
Wall	Zonal Cavity Method - Effective Floor Reflectance = 20%																				
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	.37	.36	.36
1	.41	.40	.39	.37	.40	.39	.38	.37	.37	.37	.36	.36	.35	.35	.35	.34	.34	.33	.33	.32	.32
2	.39	.36	.34	.33	.38	.36	.34	.32	.34	.33	.32	.33	.32	.31	.32	.31	.30	.30	.29	.28	.27
3	.36	.33	.31	.29	.35	.32	.30	.29	.31	.30	.28	.31	.29	.28	.30	.28	.27	.27	.26	.25	.24
4	.34	.30	.28	.26	.33	.30	.28	.26	.29	.27	.25	.28	.26	.25	.27	.26	.25	.24	.23	.22	.22
5	.32	.28	.25	.23	.31	.27	.25	.23	.27	.24	.23	.26	.24	.23	.25	.24	.22	.22	.21	.20	.20
6	.30	.26	.23	.21	.29	.25	.23	.21	.25	.22	.21	.24	.22	.20	.23	.22	.20	.20	.19	.18	.18
7	.27	.23	.21	.19	.27	.23	.20	.19	.22	.20	.18	.22	.20	.18	.22	.20	.18	.18	.17	.16	.16
8	.26	.21	.19	.17	.25	.21	.19	.17	.21	.18	.17	.20	.18	.17	.20	.18	.16	.16	.15	.14	.14
9	.24	.20	.17	.15	.23	.19	.17	.15	.19	.17	.15	.19	.16	.15	.18	.16	.15	.14	.13	.12	.12
10	.22	.18	.15	.14	.22	.18	.15	.13	.17	.15	.13	.17	.15	.13	.17	.15	.13	.13	.12	.11	.11

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

#### Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	350	14.60	39.31
0-40	574	23.92	64.42
0-60	796	33.19	89.37
0-90	891	37.14	100.00
40-90	317	13.22	35.58
60-90	94	3.95	10.63
90-180	0	.00	.00
0-180	891	37.14	100.00

Certified test report no. 3533FR  
Computed by LSI program \*\*TEST-LITE\*\*  
SC(Along) = 1.3, SC(Across) = 1.5

Prepared For:  
Lightolier  
Fall River, MA

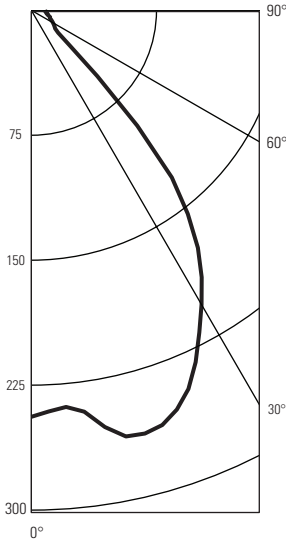
\*\* Efficiency = 37.1% \*\*

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### 8011CL-D4A01

Calculate 4" Vetro Downlight, Cat.# 8011CL D4A01  
18W G.E. Biax T/E triple Tube. Lumen Rating = 1200 LMS.  
Universal Ballast #C218UNVBES



#### Candlepower summary

Angle	Mean CP	Lumens
0	244	
5	239	23
10	254	
15	263	73
20	255	
25	233	107
30	204	
35	174	107
40	131	
45	56	51
50	21	
55	17	16
60	15	
65	13	13
70	12	
75	10	11
80	9	
85	9	10
90	8	

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%			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0		
Wall	Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%																			
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%																			
0	.41	.41	.41	.41	.40	.40	.40	.40	.38	.38	.38	.36	.36	.36	.35	.35	.35	.34		
1	.39	.37	.36	.35	.38	.37	.36	.35	.35	.34	.34	.34	.33	.33	.33	.32	.32	.31		
2	.36	.34	.33	.32	.36	.34	.32	.31	.33	.32	.30	.32	.31	.30	.31	.30	.29	.29		
3	.34	.32	.30	.28	.34	.31	.30	.28	.30	.29	.28	.30	.28	.27	.29	.28	.27	.26		
4	.32	.30	.27	.26	.32	.29	.27	.26	.28	.27	.25	.28	.26	.25	.27	.26	.25	.24		
5	.31	.27	.25	.24	.30	.27	.25	.23	.26	.25	.23	.26	.24	.23	.25	.24	.23	.22		
6	.29	.26	.23	.22	.28	.25	.23	.22	.25	.23	.21	.24	.23	.21	.24	.22	.21	.21		
7	.27	.24	.21	.20	.27	.23	.21	.20	.23	.21	.20	.22	.21	.19	.22	.21	.19	.19		
8	.26	.22	.20	.18	.25	.22	.20	.18	.21	.19	.18	.21	.19	.18	.21	.19	.18	.17		
9	.24	.20	.18	.17	.24	.20	.18	.17	.20	.18	.16	.20	.18	.16	.19	.18	.16	.16		
10	.23	.19	.17	.15	.22	.19	.17	.15	.18	.16	.15	.18	.16	.15	.18	.16	.15	.14		

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

#### Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	203	16.97	49.50
0-40	311	25.92	75.59
0-60	377	31.49	91.85
0-90	411	34.29	100.00
40-90	100	8.37	24.41
60-90	33	2.79	8.15
90-180	0	.00	.00
0-180	411	34.29	100.00

SC(Along) = 1.3, SC(Across) = 1.5

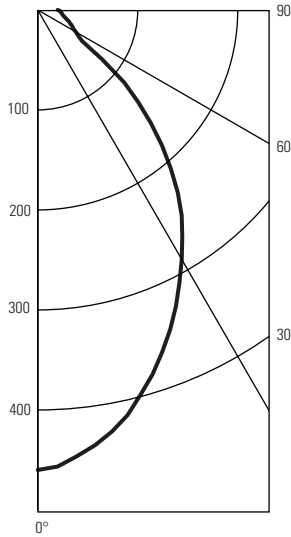
Certified test report no. 3557FR  
Computed by LSI program \*\*TEST-LITE\*\*  
SC = 1.2

Prepared For:  
Lightolier  
Fall River, MA

\*\* Efficiency = 34.3% \*\*

### 8091CL-D6A01

Calculate 6" Vetro Downlight, Cat.# 8091CL/D6A01 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	LMS
0	460	460	460	460	460	
5	447	447	448	449	448	43
10	425	425	426	428	428	
15	393	394	396	398	398	112
20	356	357	360	363	364	
25	316	317	320	325	327	148
30	274	275	278	284	288	
35	231	232	237	245	251	150
40	188	189	194	204	207	
45	148	149	152	158	160	119
50	111	111	111	112	113	
55	50	50	51	53	54	58
60	42	42	43	44	44	
65	36	37	37	37	38	37
70	32	32	32	33	33	
75	28	28	28	28	28	30
80	25	25	25	25	25	
85	23	23	23	23	23	25
90	20	20	20	21	20	

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%			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0		
Wall	Zonal Cavity Method - Effective Floor Reflectance = 20%																			
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																			
0	.36	.36	.36	.36	.35	.35	.35	.35	.33	.33	.33	.32	.32	.32	.31	.31	.31	.30		
1	.33	.32	.31	.30	.33	.32	.31	.30	.30	.29	.29	.29	.28	.28	.28	.28	.27	.26		
2	.31	.29	.28	.26	.30	.29	.27	.26	.28	.26	.25	.27	.26	.25	.26	.25	.24	.24		
3	.29	.27	.25	.23	.28	.26	.24	.23	.25	.24	.23	.25	.23	.22	.24	.23	.22	.21		
4	.27	.25	.22	.21	.27	.24	.22	.21	.23	.22	.20	.23	.21	.20	.22	.21	.20	.19		
5	.26	.23	.20	.19	.25	.22	.20	.19	.22	.20	.18	.21	.20	.18	.21	.19	.18	.18		
6	.24	.21	.19	.17	.23	.20	.18	.17	.20	.18	.17	.20	.18	.17	.19	.18	.17	.16		
7	.22	.19	.17	.15	.22	.19	.17	.15	.18	.16	.15	.18	.16	.15	.18	.16	.15	.14		
8	.21	.18	.15	.14	.21	.17	.15	.14	.17	.15	.14	.17	.15	.14	.16	.15	.14	.13		
9	.20	.16	.14	.13	.19	.16	.14	.13	.16	.14	.13	.15	.14	.12	.15	.14	.12	.12		
10	.18	.15	.13	.11	.18	.15	.13	.11	.15	.13	.11	.14	.13	.11	.14	.12	.11	.11		

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

#### Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	302	12.61	41.97
0-40	452	18.84	62.73
0-60	629	26.21	87.25
0-90	721	30.04	100.00
40-90	268	11.20	37.27
60-90	91	3.83	12.75
90-180	0	.00	.00
0-180	721	30.04	100.00

Certified test report no. 3517FR  
Computed by LSI program \*\*TEST-LITE\*\*  
SC = 1.0

Prepared For:  
Lightolier  
Fall River, MA

\*\* Efficiency = 30.0% \*\*

### Job Information Type:

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