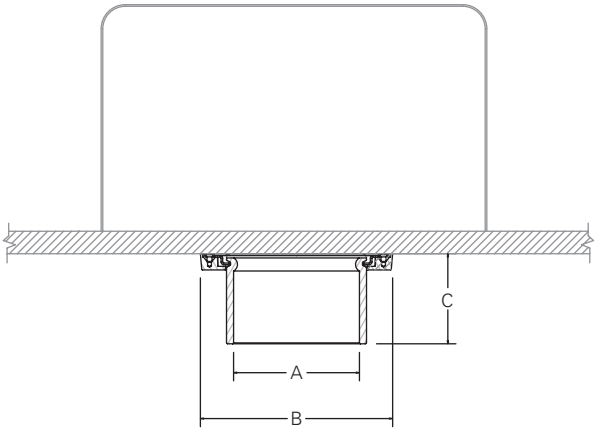

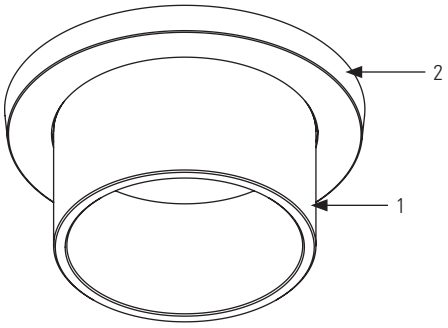

Complete Fixture consists of Decorative Element/Trim-Kit + Frame-In Kit. Each sold seperately.

2 Piece Ordering System, Example: D3MR04 + C3LV

Decorative Element/Trim Kit Catalog No.		Frame-In Kit	Lamping	Dimensions		
				A	B	C
3" Evolution	**D3MR04**	C3LV; C3AICLV; C3ALV; C3LVE1; C3LVE2; C3ALVE1; C3AICLVE1; C4ALVE2	50W MR16	2 3/4"	4 1/4"	2"
4" Evolution	**D4MR04**	C4LV; C4ALV; C4AICLV	50W MR16	4"	5 5/8"	2 1/4"

Features

1. **Decorative Element:** Cylindrical 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. **Integral Reflector:** 16 ga. aluminum, 50° visual cutoff to lamp and lamp image. Decorative Element is mechanically attached to reflector via die cast ring. Reflector is specular clear for best performance and aesthetics.
4. **Cover Glass:** 3" Evolution contains high temperature soft focus lens. 4" Evolution contains high temperature perimeter frost.
5. **Trim Kit:** For 3" and 4" Evolution, trim kit, reflector and decorative element ship complete.
6. **Frame-In Kit:** Specified separately. See Frame-In Kit Specification Sheet for details.

Mechanical

Decorative element is mechanically secured to the die cast finish ring and the integral reflector from the factory.

Labels

cULus (Damp Location)

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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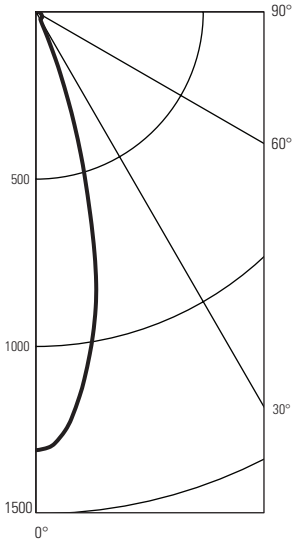
C3MRDCLW - D3MR04



Calculite 3" Dia. Recessed Vetro Downlight,
Cat.# C3MRDCLW/D3MR04 50W G.E. MR16 NFL (25 Deg.) Lamp.
Lumen Rating = 800 LMS.Lightech XFMR LET-75

Candlepower Summary

Angle	Mean CP	Lumens
0	1310	
5	1220	113
10	981	
15	628	178
20	282	
25	70	52
30	28	
35	25	16
40	25	
45	25	19
50	24	
55	23	20
60	20	
65	18	18
70	16	
75	14	15
80	12	
85	10	11
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%			
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	.66	.66	.66	.66	.64	.64	.64	.64	.61	.61	.61	.59	.59	.59	.56	.56	.56	.55
1	.63	.61	.60	.59	.61	.60	.59	.58	.58	.57	.56	.56	.55	.54	.54	.53	.53	.52
2	.60	.57	.55	.53	.59	.56	.54	.53	.55	.53	.52	.53	.52	.51	.52	.51	.50	.49
3	.58	.54	.52	.50	.57	.54	.51	.50	.52	.50	.49	.51	.49	.48	.50	.49	.47	.47
4	.56	.52	.49	.47	.55	.51	.49	.47	.50	.48	.47	.49	.47	.46	.48	.47	.46	.45
5	.54	.50	.47	.45	.53	.49	.47	.45	.48	.46	.45	.47	.46	.44	.47	.45	.44	.43
6	.52	.48	.45	.44	.51	.48	.45	.43	.47	.45	.43	.46	.44	.43	.46	.44	.42	.42
7	.50	.46	.44	.42	.50	.46	.44	.42	.45	.43	.42	.45	.43	.41	.44	.42	.41	.40
8	.49	.45	.42	.41	.48	.44	.42	.40	.44	.42	.40	.44	.42	.40	.43	.41	.40	.39
9	.48	.44	.41	.39	.47	.43	.41	.39	.43	.41	.39	.43	.40	.39	.42	.40	.39	.38
10	.47	.42	.40	.38	.46	.42	.40	.38	.42	.40	.38	.42	.40	.38	.41	.39	.38	.37

Room Cavity Ratio

Determined in Accordance with Current IES Published Procedures
Luminaire Input Watts = 52.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	343	42.92	77.65
0-40	359	44.93	81.29
0-60	398	49.83	90.16
0-90	442	55.27	100.00
40-90	82	10.34	18.71
60-90	43	5.44	9.84
90-180	0	.00	.00
0-180	442	55.27	100.00

** EFFICIENCY = 55.3% **

Certified test report no. 3571FR
Computed by LSI program **TEST-LITE**
SC .5

Prepared For:
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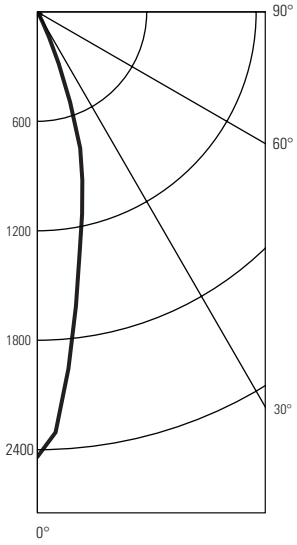
Fall River, MA

C4MRDCLW - D4MR04



Calculite 4" Series Recessed Vetro Downlight,
Cat.# D4MR04 50W G.E. MR16 NFL (25 Deg.) Lamp.
Lumen Rating = 800 LMS.Lightech XFMR LET-75

Candlepower Summary

Angle	Mean CP	Lumens
0	2440	
5	1963	184
10	1339	
15	955	268
20	527	
25	153	100
30	29	
35	25	16
40	25	
45	25	19
50	24	
55	23	20
60	21	
65	18	18
70	16	
75	14	15
80	12	
85	9	10
90	7	

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	.97	.97	.97	.97	.95	.95	.95	.95	.90	.90	.90	.86	.86	.86	.83	.83	.83	.81
1	.93	.91	.89	.87	.91	.89	.88	.86	.86	.85	.83	.83	.82	.81	.80	.79	.79	.77
2	.89	.86	.83	.81	.88	.85	.82	.80	.82	.80	.78	.80	.78	.77	.78	.76	.75	.74
3	.86	.82	.79	.76	.85	.81	.78	.76	.79	.77	.75	.77	.75	.74	.76	.74	.73	.71
4	.84	.79	.76	.73	.83	.78	.75	.73	.77	.74	.72	.75	.73	.71	.74	.72	.70	.69
5	.81	.76	.73	.70	.80	.75	.72	.70	.74	.71	.69	.73	.70	.69	.72	.70	.68	.67
6	.79	.74	.70	.68	.78	.73	.70	.68	.72	.69	.67	.71	.69	.67	.70	.68	.66	.66
7	.77	.72	.68	.66	.76	.71	.68	.65	.70	.67	.65	.69	.67	.65	.69	.66	.65	.64
8	.75	.70	.66	.64	.74	.69	.66	.64	.68	.66	.64	.68	.65	.63	.67	.65	.63	.62
9	.73	.68	.65	.62	.73	.67	.65	.62	.67	.64	.62	.66	.64	.62	.66	.63	.62	.61
10	.72	.66	.63	.61	.71	.66	.63	.61	.65	.63	.61	.65	.62	.60	.64	.62	.60	.60

Room Cavity Ratio

Determined in Accordance with Current IES Published Procedures
Luminaire Input Watts = 52.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	551	68.93	84.80
0-40	567	70.98	87.32
0-60	607	75.89	93.37
0-90	650	81.28	100.00
40-90	82	10.30	12.68
60-90	43	5.39	6.63
90-180	0	.00	.00
0-180	650	81.28	100.00

** EFFICIENCY = 81.3% **

Certified test report no. 3607FR
Computed by LSI program **TEST-LITE**
SC .4

Prepared For:
Lightolier
Fall River, MA

Job Information **Type:**

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