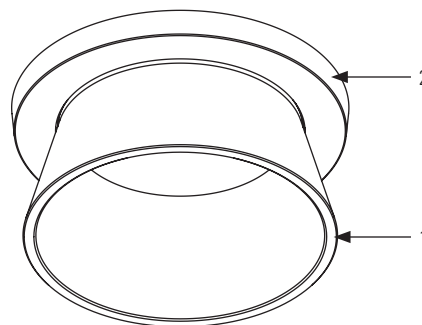
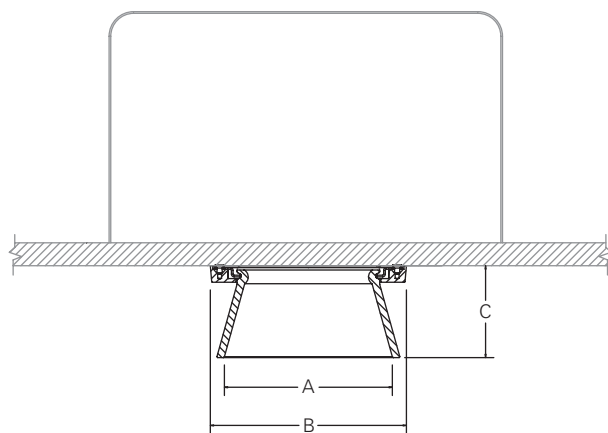


Architectural Decorative Vetro Downlight **DA03**



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

2 Piece Ordering System, Example: D3MR03 + C3LV

Decorative Element/Trim Kit Catalog No.		Frame-In Kit	Lamping	Dimensions		
				A	B	C
3" Evolution	D3MR03	C3LV; C3AICLV; C3ALV; C3LVE1; C3LVE2; C3ALVE1; C3AICLVE1; C3ALVE2	50W MR16	3 5/8"	4 1/4"	2"
4" Evolution	D4MR03	C3LV; C4ALV; C4AICLV	50W MR16	5"	5 5/8"	2 1/4"

Features

- Decorative Element:** Angled hand blown triplex glass carefully proportioned to each aperture size. Glass is gently and evenly illuminated for clean brightness recognition.
- Die Cast Finish Ring:** Aluminum Die Cast finish ring with crisp 90 degree edges conceals all fasteners for a clean finished appearance.
- 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.
- Cover Glass:** 3" Evolution contains high temperature soft focus lens. 4" Evolution contains high temperature perimeter frost.
- Trim Kit:** For 3" and 4" Evolution, trim kit, reflector and decorative element ship complete.
- Frame-In Kit:** Specified separately. See Frame-In Kit Specification Sheet for details.

Mechanical

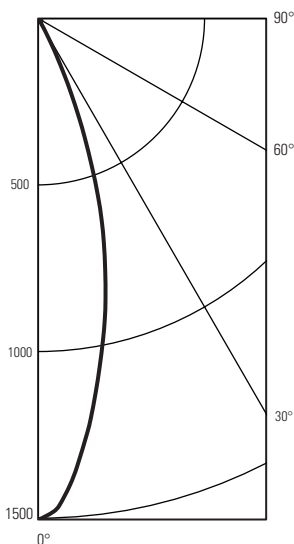
Decorative element is mechanically secured to the die cast finish ring and the integral reflector from the factory.

Labels

cULus (Damp Location)

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

C3MR03 /NFL



Calculate 3" Dia. Recessed Vetro Downlight,
Cat.# C3MRDCLW/D3MR03 50W G.E. MR16 NFL (25 Deg.) Lamp.
Lumen Rating = 800 LMS. Lightech XFMR LET-75

Candlepower Summary

Angle	Mean CP	Lumens
0	1505	
5	1350	126
10	1065	
15	780	220
20	474	
25	188	103
30	38	
35	14	13
40	15	
45	14	11
50	13	
55	12	11
60	10	
65	9	9
70	7	
75	6	7
80	6	
85	4	5
90	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%					
	70	50	30	10	70	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	.75	.75	.75	.73	.73	.73	.73	.70	.70	.70	.67	.67	.67	.64	.64	.63		
1	.72	.71	.70	.68	.71	.70	.68	.67	.67	.66	.65	.65	.64	.63	.63	.62	.61	
2	.70	.67	.66	.64	.68	.66	.65	.63	.64	.63	.62	.63	.62	.61	.61	.60	.59	.58
3	.68	.65	.62	.61	.66	.64	.62	.60	.62	.61	.59	.61	.60	.58	.60	.59	.58	.57
4	.66	.62	.60	.58	.65	.62	.60	.58	.61	.59	.57	.59	.58	.57	.58	.57	.56	.55
5	.64	.60	.58	.56	.63	.60	.57	.56	.59	.57	.55	.58	.56	.55	.57	.55	.54	.54
6	.62	.59	.56	.54	.61	.58	.56	.54	.57	.55	.54	.57	.55	.53	.56	.54	.53	.52
7	.61	.57	.54	.52	.60	.56	.54	.52	.56	.54	.52	.55	.53	.52	.54	.53	.52	.51
8	.59	.55	.53	.51	.59	.55	.52	.51	.54	.52	.51	.54	.52	.50	.53	.52	.50	.50
9	.58	.54	.51	.50	.57	.53	.51	.50	.53	.51	.49	.53	.51	.49	.52	.50	.49	.48
10	.56	.52	.50	.48	.56	.52	.50	.48	.52	.50	.48	.51	.49	.48	.51	.49	.48	.47

Determined in Accordance with Current IES Published Procedures

Luminaire Input Watts = 52.0

Zonal Lumens and Percentages

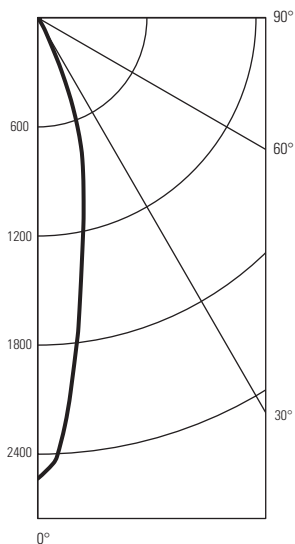
Zone	Lumens	% Lamp	%Luminaire
0-30	448	56.03	89.19
0-40	461	57.63	91.74
0-60	482	60.30	96.00
0-90	502	62.82	100.00
40-90	41	5.19	8.26
60-90	20	2.51	4.00
90-180	0	.00	.00
0-180	502	62.82	100.00

Certified test report no. 3568FR
Computed by LSI program **TEST-LITE**
SC = .5

Prepared For:
Lightolier
Fall River, MA

** Efficiency = 57.5% **

C4MR03 /NFL



Calculate 4" Dia. Vetro Recessed Downlight Cat.# D4MR03
50W G.E. MR16 NFL (25 Deg.) Lamp. Lumen Rating = 800 LMS.
Lightech XFMR LET-75

Candlepower Summary

Angle	Mean CP	Lumens
0	2534	
5	2068	192
10	1389	
15	971	281
20	638	
25	249	140
30	78	
35	19	21
40	15	
45	15	12
50	14	
55	13	12
60	12	
65	11	11
70	9	
75	7	8
80	6	
85	6	6
90	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%					
	70	50	30	10	70	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	1.02	1.02	1.02	1.02	.99	.99	.99	.99	.95	.95	.95	.91	.91	.91	.87	.87	.87	.85
1	.98	.96	.95	.93	.96	.95	.93	.92	.91	.90	.89	.88	.87	.86	.85	.84	.84	.82
2	.95	.92	.89	.87	.93	.90	.88	.86	.88	.86	.84	.85	.84	.83	.83	.82	.81	.80
3	.92	.88	.85	.83	.91	.87	.85	.82	.85	.83	.81	.83	.81	.80	.82	.80	.79	.78
4	.90	.85	.82	.80	.88	.84	.82	.79	.83	.80	.78	.81	.79	.77	.80	.78	.77	.76
5	.87	.82	.79	.76	.86	.82	.78	.76	.80	.78	.76	.79	.77	.75	.78	.76	.74	.73
6	.85	.80	.77	.74	.84	.80	.76	.74	.78	.76	.74	.77	.75	.73	.76	.74	.73	.72
7	.83	.78	.74	.72	.82	.77	.74	.72	.76	.73	.72	.75	.73	.71	.75	.72	.71	.70
8	.81	.76	.72	.70	.80	.75	.72	.70	.74	.72	.70	.74	.71	.69	.73	.71	.69	.68
9	.79	.74	.71	.68	.78	.73	.70	.68	.73	.70	.68	.72	.70	.68	.71	.69	.68	.67
10	.77	.72	.69	.67	.77	.72	.69	.67	.71	.68	.66	.71	.68	.66	.70	.68	.66	.65

Determined in Accordance with Current IES Published Procedures

Luminaire Input Watts = 52.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	614	76.75	89.89
0-40	634	79.35	92.93
0-60	658	82.29	96.38
0-90	683	85.39	100.00
40-90	48	6.04	7.07
60-90	24	3.09	3.62
90-180	0	.00	.00
0-180	683	85.39	100.00

Certified test report no. 33604FR
Computed by LSI program **TEST-LITE**
SC = .4

Prepared For:
Lightolier
Fall River, MA

** Efficiency = 85.4% **

Job Information Type: