

Part #	Prepared By
Project	Notes
Type	
Date	



2" Capela[®] Series Micro-Flange

Lensed Round, 700-1300 lumens - Shallow Housing



Description

Capela[®] Series small-aperture architectural shallow downlights provide a modern aesthetic and high-end performance. Lensed Micro-Flange Capela[®] Series downlights use either a frosted polycarbonate or prismatic polycarbonate lens and have available 15°, 30°, and 45° beam spreads. The Micro-Flange reduces the flange to nearly 0.25" and eliminates the need of a mud ring while providing a quiet ceiling. New Construction, IC-Rated and Remodeler housing options available.

Features & Construction

ELECTRICAL SYSTEM

- Advanced QuickConnect, Class II wiring for easy installation
- 700, 1300 lumens
- 2700K - 4000K CCT
- High-performance Dim-to-Warm optional
- Standard 0-10V 1% dimming driver
- 0-10V to 0.1% & Lutron, & Triac/Forward phase optional
- High flux CoB array
- 80 CRI with 3 SDCM color consistency (+90 CRI optional)
- Minimum 50,000 hour lifetime at L70
- 120V - 277V Universal input standard

OPTICS

- Specular Clear inner reflector finish
- Efficient optical design
- 15°, 30°, and 45° beam spreads
- Frosted Polycarbonate and Prismatic polycarbonate lens options

FRAME & MOUNTING

- Self-flanged Micro-Flange cold-rolled steel housing
- Polyester powder coat
- Torsion springs for maximum ceiling retention
- Optional IC-rated up to 1,300 lumens With IC Box (NCFIC)
- Optional new construction frame (NCFAQ)

Listings

- ETL certified to UL 1598 and UL8750 requirements
- Tested according to LM-79 and LM-80 standards
- Suitable for damp locations; Wet location under covered ceiling
- Buy American Act (BAA)

Warranty & Notes

- 5-year limited warranty on LED module and driver
- www.vantageltg.com/product-warranty
- Photometric tests performed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures
- Insulation cannot be in contact with non-IC-Rated versions

Performance

OUTPUT

Nominal Lumens	Wattage	All measured at 3500K with a standard medium distribution *Actual Wattage/Lumens may vary.
700	7.56	
1300	12.7	

EMERGENCY LUMEN OUTPUT

Nominal Lumens	Wattage	All measured at 3500K with a standard medium distribution *Actual Wattage/Lumens may vary.
300	2.5	

DIM-TO-WARM PERFORMANCE

Nominal Lumens	100%				1%			
	Wattage	CCT	CRI	R9	Wattage	CCT	CRI	R9
700	9.7	3100	95	85	2.9	1800	95	85
1300	13.2	3100	95	85	3.3	1800	95	85

Ordering Information

EXAMPLE: V2CERM-0730K-L2071FR-SCL-N-WHT-NCFAQ-XDM

V2CERM					SCL				
Series	Voltage	Lumens	Kelvin	Reflector	Finish	Distribution	Flange Finish	Frame	Options*
V2CERM	U - 120V-277V* 1 - 120 V 3 - 347V**	07 - 700 13 - 1300	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K DTW - Dim-to-Warm (3000K-1800K)	L2071FR Frosted Polycarbonate L2074P Prismatic Polycarbonate	SCL Specular Clear	N - Narrow 15° M - Medium 30° W - Wide 45°	WHT White Matte BLK Black Matte	NCFAQ New Construction Frame NCFIC New Construction Frame w/ IC-RATED Box RMDL Remodeler	XDM ZDM TDM DL-2 DL-3 LDE1 LDE5 PEQO HCR EM

*Options Notes

SDM - 0-10V 10% dimming driver (standard)
 XDM - 0-10V 0.1% dimming driver
 ZDM - 0-10V 1% dimming driver
 TDM - Triac (Forward-Phase) dimming driver
 DL-2 - Lutron 2-Wire Hi-Lume dimming driver
 DL-3 - Lutron 3-Wire Hi-Lume dimming driver
 LDE1 - Lutron EcoSystem Digital Fade-to-Black 1% dimming driver
 LDE5 - Lutron EcoSystem 5% dimming driver
 PEQO - Lutron EcoSystem Fade-to-Black 0.1% dimming driver
 HCR - High CRI, 90+
 EM - Remote emergency battery back-up, remote test button & indicator light

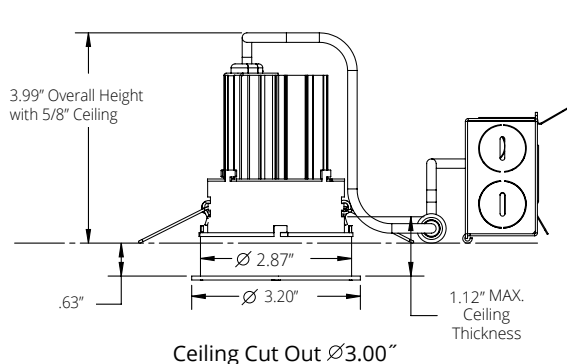
2" Capela® Series Micro-Flange

Lensed Round, 700-1300 lumens - Shallow Housing

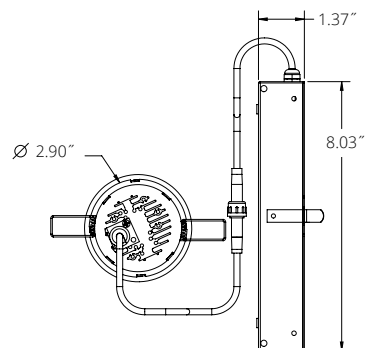
Capela®
SERIES

Dimensional Data

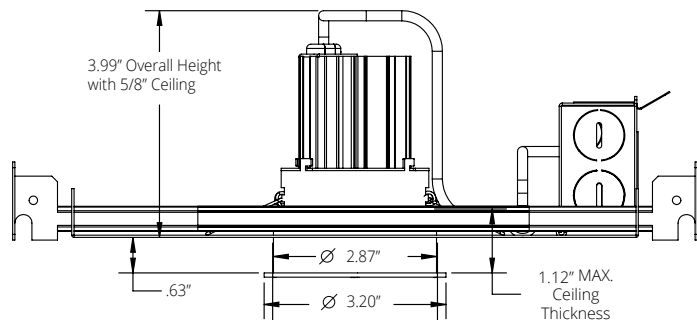
RMDL
(standard)



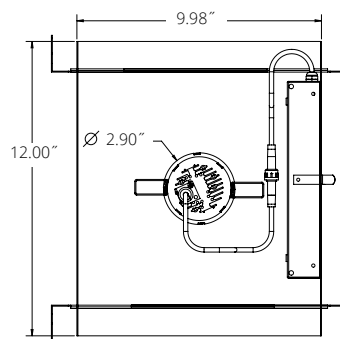
Ceiling Cut Out Ø3.00"



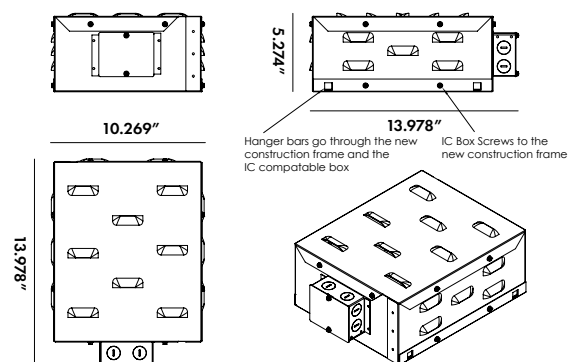
NCFAQ
(new construction frame)



Ceiling Cut Out Ø3.00"



NCFIC
(IC-RATED)



RMDL
(standard)



NCFAQ
(new construction frame)



*New construction frame
sold separately

NCFIC
(IC-RATED)



*IC-RATED box
sold separately

2" Capela® Series Micro-Flange

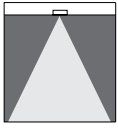
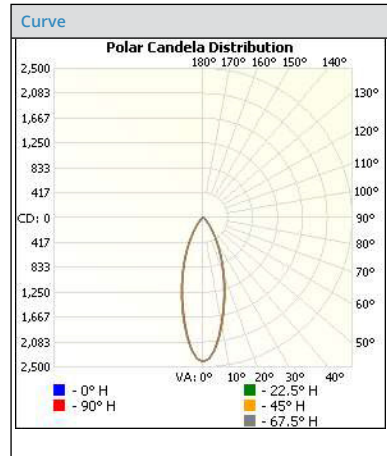
Lensed Round, 700-1300 lumens - Shallow Housing

Capela®
SERIES

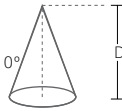
Photometry

15° Distribution

Test Number
103233437CRT-012
Model
V2CERMU-1335-N
Lumens
1238.4
Efficacy
90.0
SC
0.989

Cone of Light



	Center Beam fc	Beam Width	
1.7	835	1.1	1.0
3.3	221	2.1	2.0
5.0	96.5	3.1	3.0
6.7	53.7	4.2	4.1
8.3	35.0	5.2	5.0
10.0	24.1	6.2	6.0

Candela Table

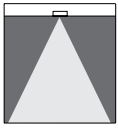
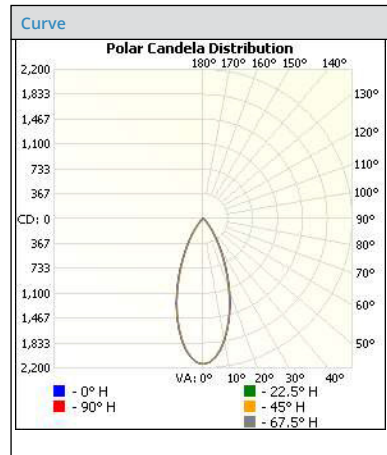
Degrees Vertical	Candela
0.0	2412
5.0	2224
10.0	1806
15.0	1386
20.0	1014
25.0	707
30.0	461
35.0	281
40.0	165
45.0	98
50.0	62
55.0	42
60.0	31
65.0	24
70.0	18
75.0	14
80.0	10
85.0	6
90.0	0

Zonal Lumen Summary

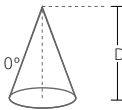
Zone	Lumens	% Luminaire
0-30	900.7	72.7
0-40	1078.0	87.0
10-60	1195.3	96.5
60-90	43.1	3.5
0-90	1238.4	100.0
90-180	0.0	0.0
0-180	1238.4	100.0

30° Distribution

Test Number
103233437CRT-008
Model
V2CERMU-1335K-M
Lumens
1248.7
Efficacy
89.8
SC
0.989

Cone of Light



	Center Beam fc	Beam Width	
1.7	441	1.2	1.2
3.3	117	2.4	2.4
5.0	51.0	3.6	3.6
6.7	28.4	4.8	4.8
8.3	18.5	6.0	6.0
10.0	12.7	7.2	7.2

Candela Table

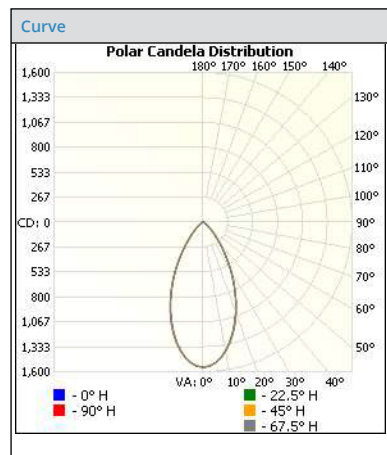
Degrees Vertical	Candela
0.0	1274
5.0	1227
10.0	1092
15.0	885
20.0	625
25.0	352
30.0	140
35.0	19
40.0	8
45.0	4
50.0	1
55.0	0
60.0	0
65.0	0
70.0	0
75.0	0
80.0	0
85.0	0
90.0	0

Zonal Lumen Summary

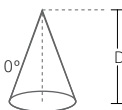
Zone	Lumens	% Luminaire
0-30	850.4	65.0
0-40	1104.2	84.4
10-60	1274.1	97.4
60-90	33.9	2.6
0-90	1308.0	100.0
90-180	0.0	0.0
0-180	1308.0	100.0

45° Distribution

Test Number
103233437CRT-008
Model
V2CERMU-1335K-W
Lumens
1308.0
Efficacy
94.7
SC
0.989

Cone of Light



	Center Beam fc	Beam Width	
1.7	536	1.6	1.6
3.3	142	3.2	3.2
5.0	62.0	4.8	4.9
6.7	34.5	5.5	5.5
8.3	22.5	8.0	8.1
10.0	15.5	9.6	9.7

Candela Table

Degrees Vertical	Candela
0.0	1550
5.0	1507
10.0	1392
15.0	1224
20.0	1020
25.0	807
30.0	591
35.0	393
40.0	240
45.0	138
50.0	78
55.0	46
60.0	28
65.0	19
70.0	13
75.0	8
80.0	4
85.0	2
90.0	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	514.9	94.8
0-40	539.7	99.4
10-60	543.1	100.0
60-90	0.0	0.0
0-90	543.1	100.1
90-180	0.0	0.0
0-180	543.1	100.0

CAPELA Lumen Output Multipliers

CRI	MULTIPLIER
80	1
90	0.82

KELVIN	MULTIPLIER
4000K	1.036
3500K	1
3000K	0.974
2700K	0.94

FINISH	MULTIPLIER
SCL	1
SGC	0.95
WHT	0.87