

Catalog #	Quantity
Project	
Notes	Date
Prepared by	

6" LED/Capela®

LED 6" Regressed Lens Micro Flange Downlight, 700-3000 Lumens



*New construction frame & IC-Rated box sold separately

2700K 3000K 3500K 4000K



Features

Optics

Soft glow clear, specular clear and white finishes
Efficient optical design
15, 30, and 45 degree beam spreads
Frosted polycarbonate regressed lens

Controls

0-10V to 1% driver standard
0-10V to 0.1% &, Lutron, & Triac/Forward phase optional

Construction

micro-flanged cold-rolled steel housing
Polyester powder coat
Torsion springs for maximum ceiling retention
Optional IC-rated up to 2,000 lumens With IC Box (NCFIC)
Optional new construction frame (NCFAQ)

Electrical

Advanced QuickConnect for easy installation
High flux CoB array
80+ CRI standard, 90+ CRI optional
2700K, 3000K, 3500K, 4000K standard
High- performance Dim-to-Warm optional
70% lumen maintenance at 50,000 hours
120 – 277V Universal Input standard

Listings

Tested according to LM-79 and LM-80 standards
ETL certified to UL 1598 and UL 8750 requirements
Energy Star certified
Suitable for damp locations; Wet location under covered ceiling;
Not recommended for outdoor use
Buy American Act

Warranty

5-year limited warranty on LED components
Warranty terms located at: <http://vantageltg.com/product-warranty/>

Ordering Information

EXAMPLE: V6CRRMU-0727K-L6040-SCL-M-WHT-NCFAQ-DL-2

Series	Voltage*	Lumens	Kelvin	Reflector	Finish	Distribution	Flange Finish	Frame	Options*
V6CRRM	U - 120V-277V 1 - 120 V 3 - 347V	07 - 700 13 - 1300 20 - 2000 30 - 3000	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K DTW - Dim-to-Warm (3000K-1800K)	L6040	SCL Specular Clear	N - 15° M - 30° W - 45°	WHT BLK	NCFAQ New Construction Frame NCFIC New Construction Frame w/ IC-RATED Box RMDL Remodeler	DL-2 LDE1 L3D0 LDE5 EM HCR TDM XDM

*Voltage Notes

- 1 - Lutron Drivers - please consult factory
- 3 - Step-down Transformer

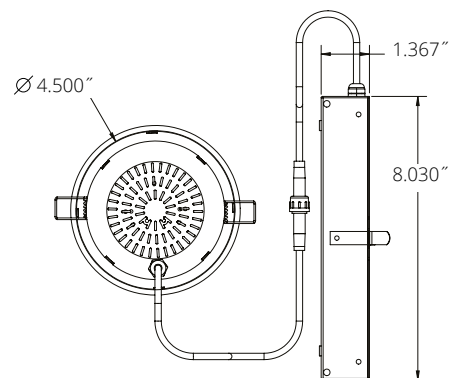
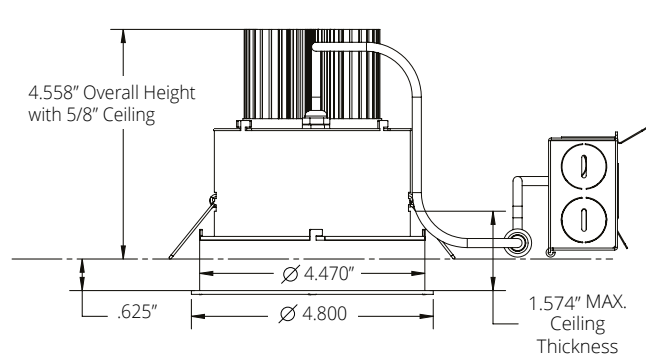
*Options Notes

DL-2 - Lutron 2 wire Hi-Lume Dimming Driver.
LDE1 - Lutron EcoSystem Fade-to-Black™.
L3D0 - Hi-Lume Premier 0.1% EcoSystem.
LDE5 - 5% Dimming EcoSystem.
EM - Emergency battery back-up. Remote test button & indicator Light.
HCR - 90+ CRI
LDE1 - Lutron EcoSystem Fade-to-Black™
TDM - Triac Dimming Driver (Forward Phase). Only available in 120V only.
XDM - 0-10V 0.1% Dimming.

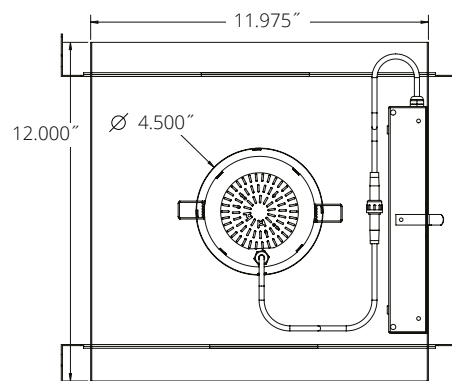
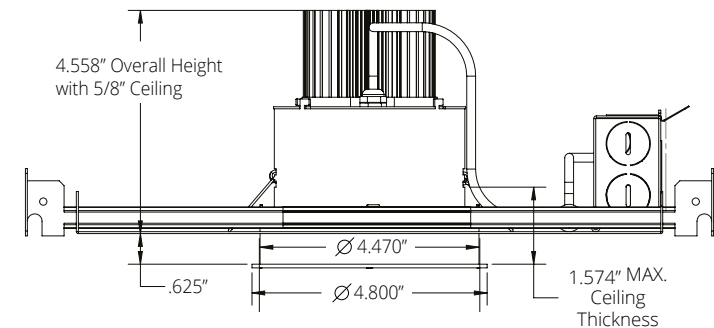
Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function. | Capela® is a registered trademark of Vantage Lighting.

Dimensional Data: LED 6" Regressed Lens Micro Flange Downlight

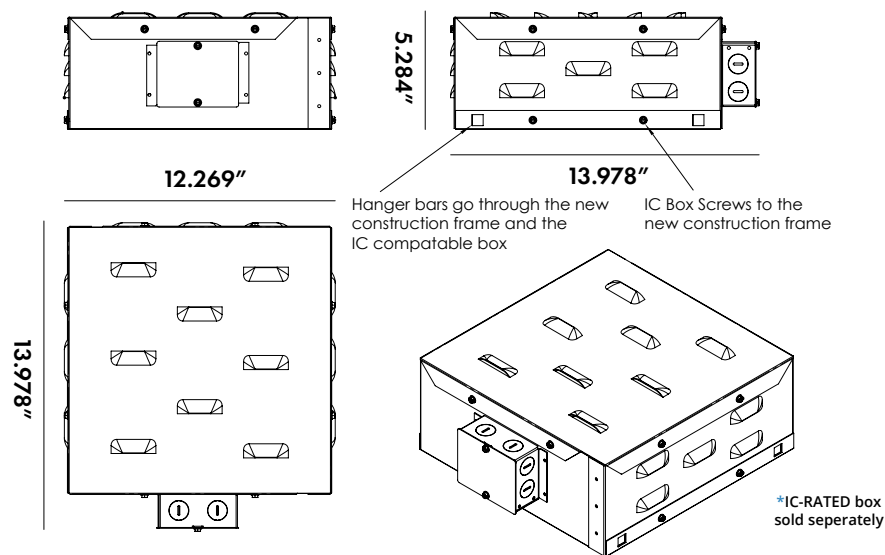
Remodeler (standard) Ceiling Cut Out 4.500"



New Construction Frame (FCFAQ) Ceiling Cut Out 4.500"



NCFIC (IC-RATED) Ceiling Cut Out 4.500"



RMDL
(standard)



NCFAQ
(new construction frame)

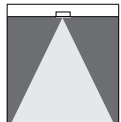
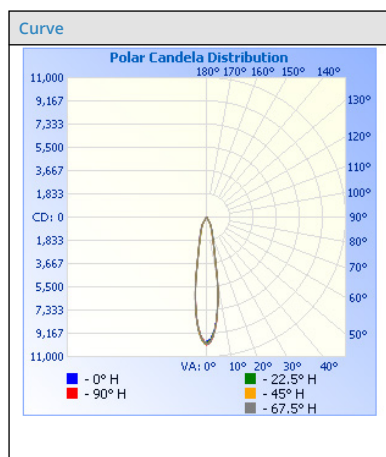


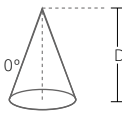
*New construction frame
sold separately

Photometric Data: LED 6" Regressed Lens Micro Flange Downlight

15° Distribution

Test Number
PHM-RPT-171026-D03
Model
V6CRRU-2035K-N
Lumens
2021.15
Efficacy
97.78
SC
0.9946

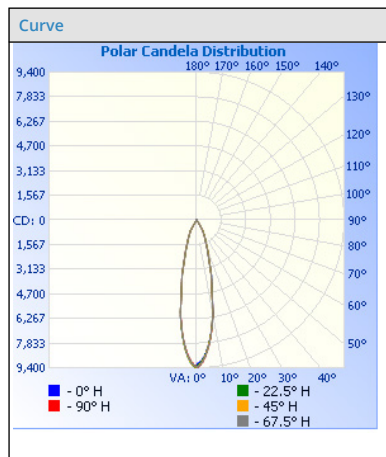
Cone of Light			
			
	Center Beam fc	Beam Width	
1.7	3432	0.5	0.6
3.3	911	1.2	1.2
5.0	397	1.7	1.7
6.7	221	2.3	2.3
8.3	144	2.9	2.9
10.0	99.2	3.5	3.5

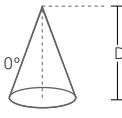
Candela Table	
Degrees Vertical	Candela
0.0	9919
5.0	8416
10.0	4901
15.0	2161
20.0	1328
25.0	865
30.0	550
35.0	73
40.0	32
45.0	24
50.0	18
55	12
60.0	11
65.0	10
70.0	9
75.0	9
80.0	10
85.0	10
90.0	9

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1780.2	88.1
0-40	1903.3	94.2
10-60	1927.2	95.8
60-90	28.6	1.4
0-90	1965.7	97.3
90-180	0.0	0.0
0-180	2021.2	100.0

30° Distribution

Test Number
PHM-RPT-171026-D02
Model
V6CRRU-3035K-M
Lumens
1953.5
Efficacy
97.7
SC
0.993

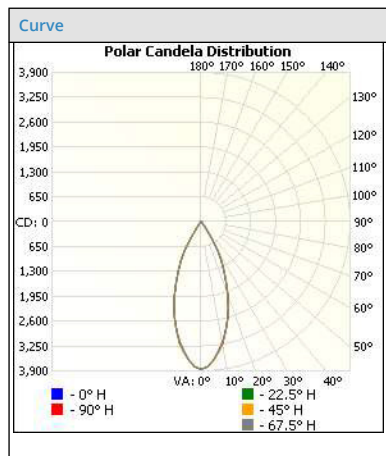
Cone of Light			
			
	Center Beam fc	Beam Width	
1.7	3219	0.8	0.8
3.3	854	1.5	1.5
5.0	372	2.3	2.3
6.7	207	3.0	3.0
8.3	135	3.8	3.7
10.0	93.0	4.5	4.5

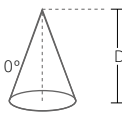
Candela Table	
Degrees Vertical	Candela
0.0	9302
5.0	8152
10.0	5982
15.0	3624
20.0	1988
25.0	1239
30.0	734
35.0	117
40.0	54
45.0	38
50.0	30
55.0	19
60.0	15
65.0	14
70.0	13
75.0	14
80.0	12
85.0	13
90.0	12

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	2304.5	86.9
0-40	2476.5	93.4
10-60	2528.5	95.4
60-90	1.5	1.6
0-90	2570.0	96.9
90-180	0.0	0.0
0-180	2651.2	100.0

45° Distribution

Test Number
103233437CART-014
Model
V6CRRU-2035K-W
Lumens
1953.5
Efficacy
97.7
SC
0.993

Cone of Light			
			
	Center Beam fc	Beam Width	
1.7	1334	1.3	1.3
3.3	354	2.5	2.5
5.0	154	3.8	3.8
6.7	85.9	5.1	5.1
8.3	56.0	6.3	6.3
10.0	38.6	7.6	7.6

Candela Table	
Degrees Vertical	Candela
0.0	3856
5.0	3614
10.0	3232
15.0	2650
20.0	2040
25.0	1403
30.0	863
35.0	231
40.0	82
45.0	39
50.0	18
55.0	6
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	1712.6	87.7
0-40	1915.1	98.0
10-60	1953.5	100.0
60-90	0.0	0.0
0-90	1953.5	100.0
90-180	0.0	0.0
0-180	1953.5	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

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Lumens/Wattage

Nominal Lumens	Wattage*	CCT
700	7.56	3500K
1300	12.7	3500K
2000	19.6	3500K
3000	27.4	3500K
*Actual Wattage/Lumens may vary.		

Emergency Lumen Output

Nominal Lumens	Wattage*	CCT
300	2.5	3500K
*Actual Wattage/Lumens may vary.		

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
2000	20.3	3100	95	85	3.8	1800	95	85