

Catalog #	Quantity
Project	
Notes	Date
Prepared by	

6" LED/Capela®

LED 6" Square Regressed 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

Self-flanged or 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: V6CRSMU-0727K-S6040-SCL-M-WHT-NCFAQ-DL-2

Series	Voltage*	Lumens	Kelvin	Reflector	Finish	Distribution	Flange Finish	Frame	Options*
V6CRSM	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)	S6040	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

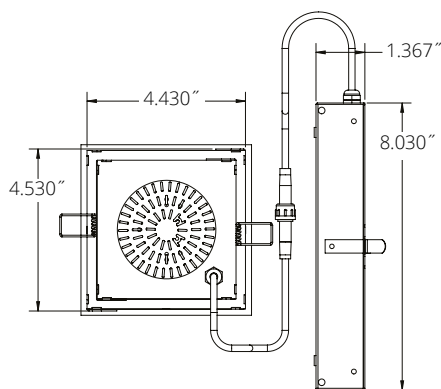
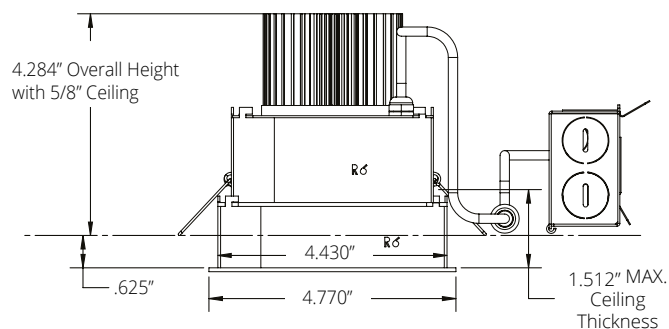
*Options Notes

- 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.

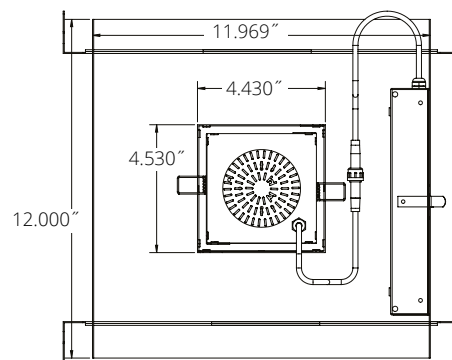
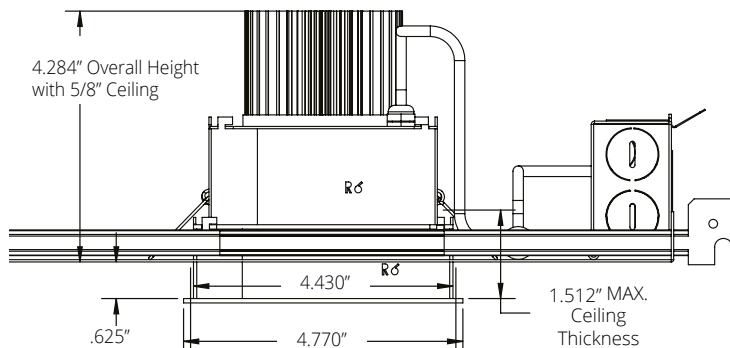
Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function. | Capela® is a registered trademark of Vantage Lighting.

Dimensional Data: LED 6" Square Regressed Micro Flange Downlight

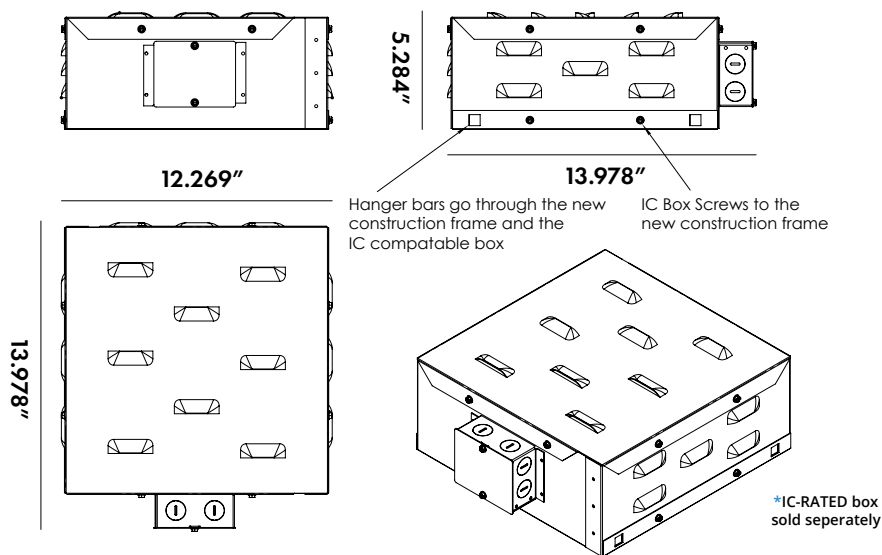
Remodeler (standard) Ceiling Cut Out 4.750x4.750" Square



New Construction Frame (FCFAQ) Ceiling Cut Out 4.750x4.750" Square



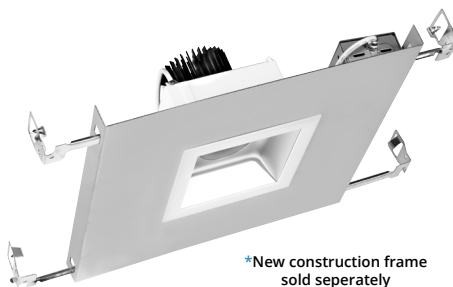
NCFIC (IC-RATED) Ceiling Cut Out 4.750x4.750" Square



RMDL
(standard)



NCFAQ
(new construction frame)

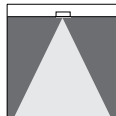
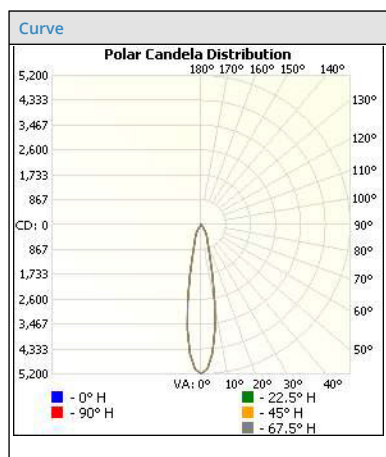


*New construction frame
sold separately

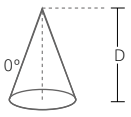
Photometric Data: LED 6" Square Regressed Micro Flange Downlight

15° Distribution

Test Number
103268734CRT-004
Model
V6CRSU-0735K-N
Lumens
1064.4
Efficacy
110.1
SC
0.941

Cone of Light



	Center Beam fc	Beam Width
1.7	1799	0.6
3.3	477	1.2
5.0	288	1.8
6.7	116	2.4
8.3	75.5	3.0
10.0	52.0	3.6

Candela Table

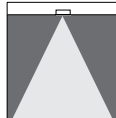
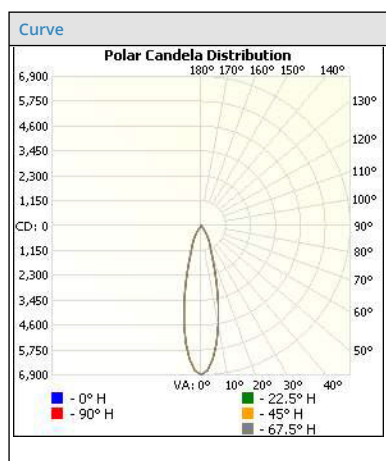
Degrees Vertical	Candela
0.0	5199
5.0	4494
10.0	2694
15.0	1200
20.0	672
25.0	476
30.0	331
35.0	149
40.0	30
45.0	6
50.0	3
55.0	2
60.0	0
65.0	0
70.0	0
75.0	0
80.0	0
85.0	0
90.0	0

Zonal Lumen Summary

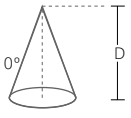
Zone	Lumens	% Luminaire
0-30	954.4	89.7
0-40	1051.0	98.7
10-60	1064.2	100.0
60-90	0.1	0.0
0-90	1064.4	100.0
90-180	0.0	0.0
0-180	1064.4	100.0

30° Distribution

Test Number
103268734CRT-003
Model
V6CRSU-2035K-M
Lumens
1973.9
Efficacy
100.8
SC
0.990

Cone of Light



	Center Beam fc	Beam Width
1.7	2385	0.8
3.3	633	1.5
5.0	276	2.3
6.7	154	3.1
8.3	100	3.9
10.0	68.9	4.7

Candela Table

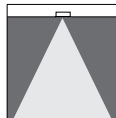
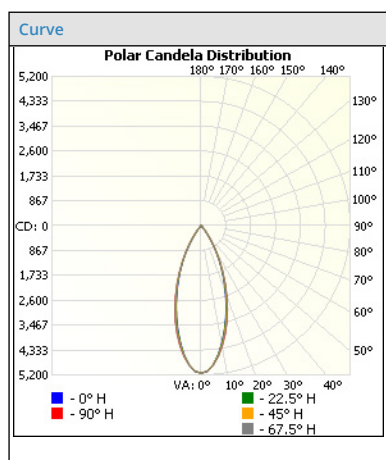
Degrees Vertical	Candela
0.0	6893
5.0	6183
10.0	4590
15.0	2769
20.0	1477
25.0	939
30.0	606
35.0	273
40.0	75
45.0	23
50.0	12
55.0	5
60.0	0
65.0	0
70.0	0
75.0	0
80.0	0
85.0	0
90.0	0

Zonal Lumen Summary

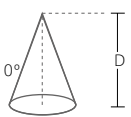
Zone	Lumens	% Luminaire
0-30	1747.8	88.5
0-40	1938.1	98.2
10-60	1973.6	100.0
60-90	0.2	0.0
0-90	1973.9	100.0
90-180	0.0	0.0
0-180	1973.9	100.0

45° Distribution

Test Number
103233437CRT-004
Model
V6CRSU-3035K-W
Lumens
2605.2
Efficacy
94.9
SC
0.995

Cone of Light



	Center Beam fc	Beam Width
1.7	1778	1.2
3.3	472	2.3
5.0	206	3.5
6.7	114	4.7
8.3	74.6	5.9
10.0	51.4	7.1

Candela Table

Degrees Vertical	Candela
0.0	3546
5.0	3417
10.0	3152
15.0	2719
20.0	2046
25.0	1394
30.0	798
35.0	260
40.0	75
45.0	27
50.0	9
55.0	1
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	2181.1	83.7
0-40	2524.6	96.9
10-60	2604.2	100.0
60-90	1.0	0.0
0-90	2605.2	100.0
90-180	0.0	0.0
0-180	2605.2	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

Photometric Data: LED 6" Square Regressed Micro Flange Downlight

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