

Catalog #	Quantity
Project	
Notes	Date
Prepared by	

6" LED/Capela®

LED 6" Regressed Lens Adjustable 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 1,300 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: V6CRRADJU-0727K-L4040-SCL-M-WHT-NCFIC-DL-2

Series	Voltage*	Lumens	Kelvin	Reflector	Finish	Distribution	Flange Finish	Frame	Options*
V6CRRADJ	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)	L4040	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

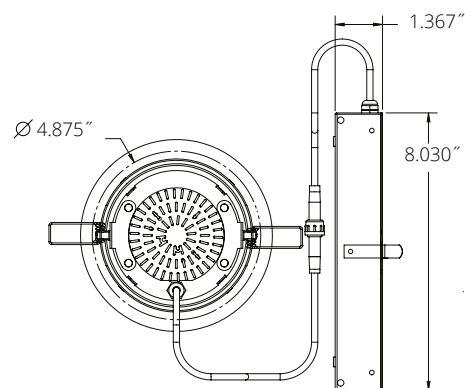
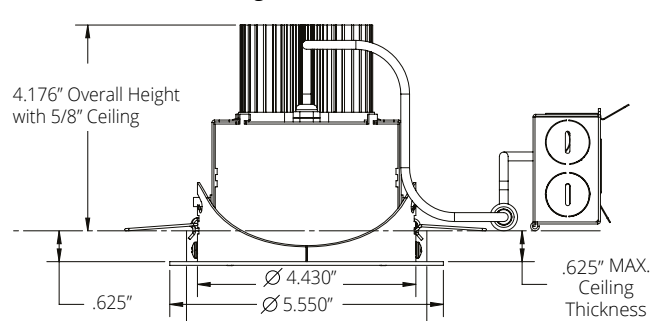
*Options Notes

- 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.

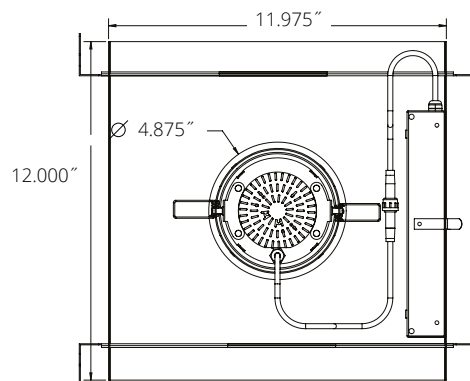
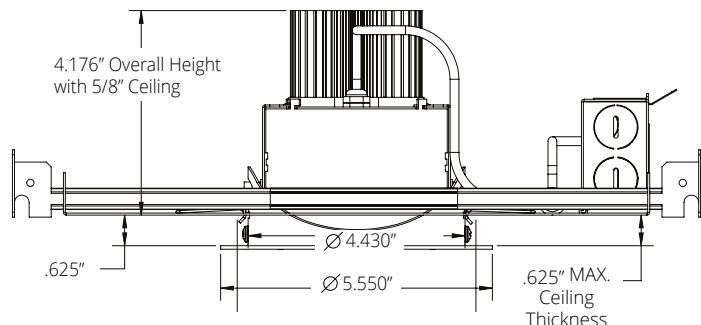
Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function. | Capela® is a registered trademark of Vantage Lighting.

Dimensional Data: LED 6" Regressed Lens Adjustable Downlight

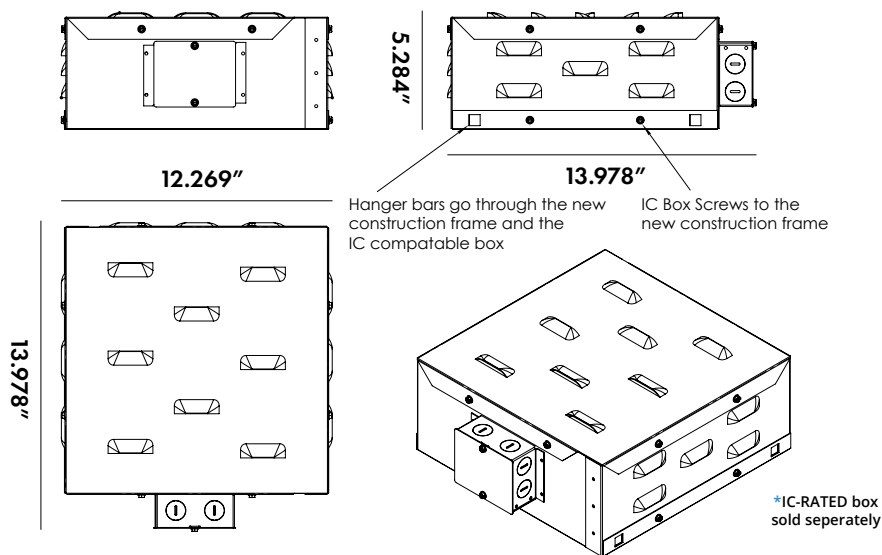
Remodeler (standard) Ceiling Cut Out 4.875"



New Construction Frame (FCFAQ) Ceiling Cut Out 4.875"



NCFIC (IC-RATED) Ceiling Cut Out 4.875"



RMDL
(standard)



NCFAC
(new construction frame)

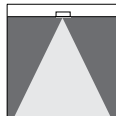
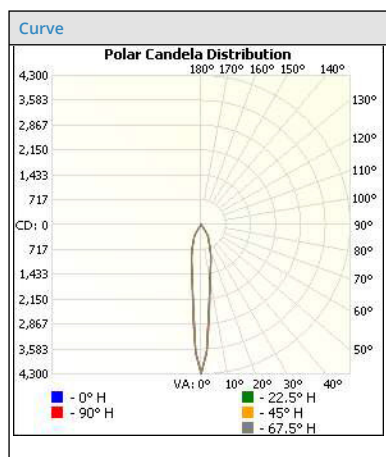


*New construction frame sold separately

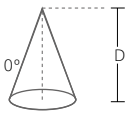
Photometric Data: LED 6" Regressed Lens Adjustable Downlight

15° Distribution

Test Number
PHM-RPT-171026-D01
Model
V4CRRU-1335K-N
Lumens
1483.32
Efficacy
108.50914
SC
0.9875

Cone of Light



	Center Beam fc	Beam Width
1.7	1600	0.8
3.3	425	1.5
5.0	185	2.3
6.7	103	3.1
8.3	67.1	3.8
10.0	46.2	4.5

Candela Table

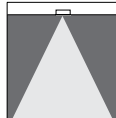
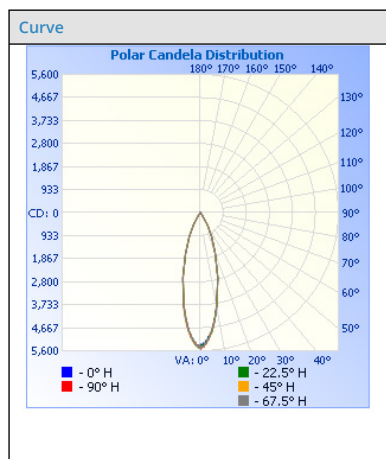
Degrees Vertical	Candela
0.0	4624
5.0	4072
10.0	2937
15.0	1923
20.0	1270
25.0	836
30.0	456
35.0	122
40.0	43
45.0	25
50.0	16
55.0	14
60.0	11
65.0	8
70.0	8
75.0	8
80.0	8
85.0	8
90.0	9

Zonal Lumen Summary

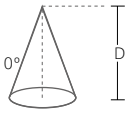
Zone	Lumens	% Luminaire
0-30	1263.7	85.2
0-40	1375.0	92.7
10-60	1407.4	94.9
60-90	24.6	1.7
0-90	1432.0	96.5
90-180	51.4	0.0
0-180	1483.3	100

30° Distribution

Test Number
PHM-RPT-171026-D08
Model
V4CRRU-2035K-M
Lumens
1944.55
Efficacy
92.42
SC
0.9953

Cone of Light



	Center Beam fc	Beam Width
1.7	1876	0.9
3.3	498	1.8
5.0	217	2.7
6.7	121	3.6
8.3	78.7	4.5
10.0	54.2	5.4

Candela Table

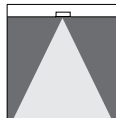
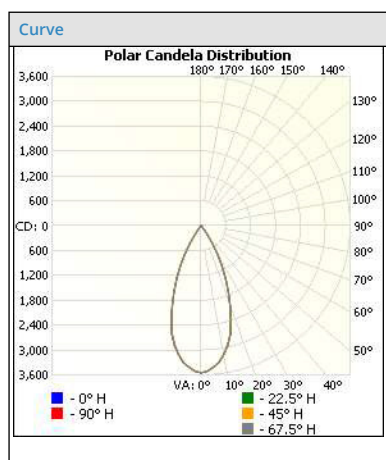
Degrees Vertical	Candela
0.0	5422
5.0	4905
10.0	3832
15.0	2733
20.0	1752
25.0	1085
30.0	581
35.0	155
40.0	56
45.0	33
50.0	20
55.0	14
60.0	12
65.0	9
70.0	10
75.0	8
80.0	8
85.0	8
90.0	9

Zonal Lumen Summary

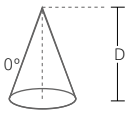
Zone	Lumens	% Luminaire
0-30	1680.2	86.4
0-40	1817.7	93.5
10-60	1857.8	95.5
60-90	27.9	1.4
0-90	1885.5	97.0
90-180	58.8	3.0
0-180	1944.6	100.0

45° Distribution

Test Number
103233437CRT-013
Model
V4CRRU-2035K-W
Lumens
1908.5
Efficacy
97.4
SC
0.992

Cone of Light



	Center Beam fc	Beam Width
1.7	1227	1.4
3.3	326	2.7
5.0	142	4.1
6.7	79.0	5.4
8.3	51.5	6.7
10.0	35.5	8.1

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	1682.1	88.1
0-40	1881.8	98.6
10-60	1908.5	100.0
60-90	0.0	0.0
0-90	1908.5	100.0
90-180	0.0	0.0
0-180	1908.5	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

Photometric Data: LED 6" Regressed Lens Adjustable 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