Catalog #	Quantity
Project	
Notes	Date
Prepared by	

4" LED/*Capela*®

LED 4" Open Adjustable Downlight, 700-1300 Lumens



*New construction frame & IC-Rated box sold seperately

2700K 3000K 3500K 4000K

Features

Optics
Specular clear finish
Efficient optical design
15, 30, and 45 degree beam spreads

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: V4CORADJU-13DTW-L2070-SCL-M-WHT-NCFAQ-DL-2

Series	Voltage*	Lumens	Kelvin	Reflector	Finish	Distribution	Flange Finish	Frame	Options*
V4CORADJ	**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)	**L2070**	**SCL** Specular Clear **SGC** Soft Glow Clear **WHT** White painted	**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**

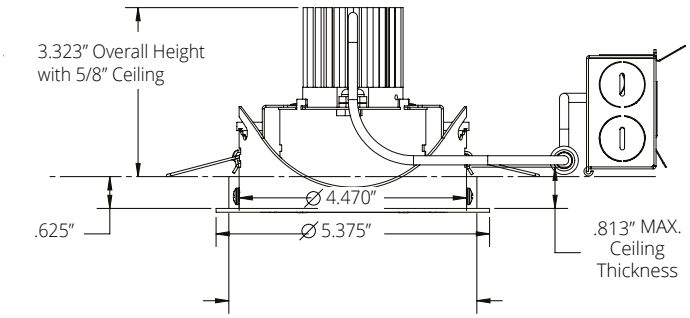
*Voltage Notes
1 - Lutron Drivers - please consult factory
3 - Step-down Transformer

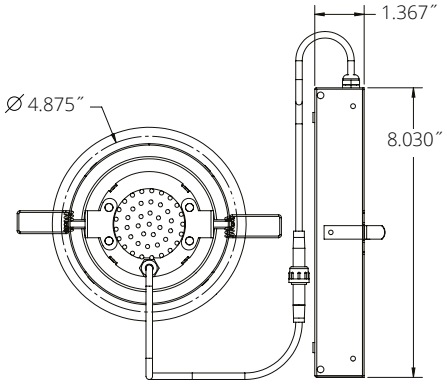
*Options Notes
DL-2 - Lutron 2 wire Hi-Lume Dimming Driver.
LDE1 - Lutron EcoSystem Fade-to-Black™.
L3D0 - Hi-Lume Premier 0.1% EcoSystem.
LDE5 - 5% Dimming EcoSystem.
EM - Emergency battery back-up. Remote test button & indicator Light.
HCR - 90+ CRI
LDE1- Lutron EcoSystem Fade-to-Black™
TDM - Triac Dimming Driver (Foward 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.

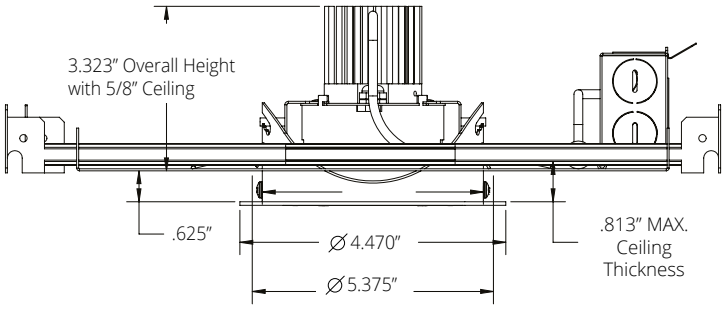
Dimensional Data: LED 4" Open Adjustable Downlight

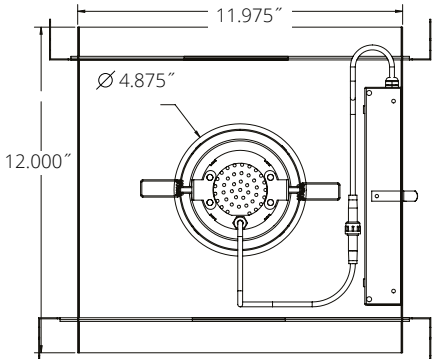
Remodeler (standard) Ceiling Cut Out 4.875˝



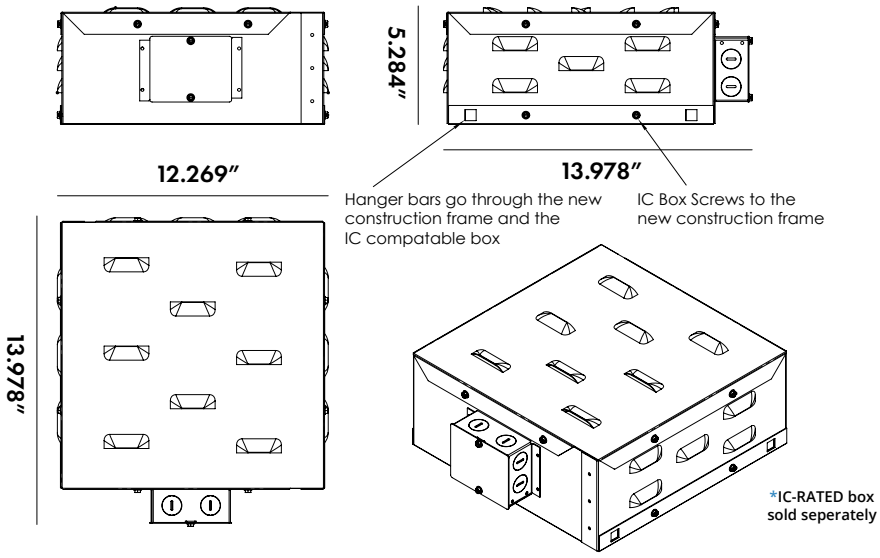


New Construction Frame (FCFAQ) Ceiling Cut Out 4.875˝





NCFIC (IC-RATED) Ceiling Cut Out 4.875˝



NCFAQ
(new construction frame)



*New construction frame sold seperately

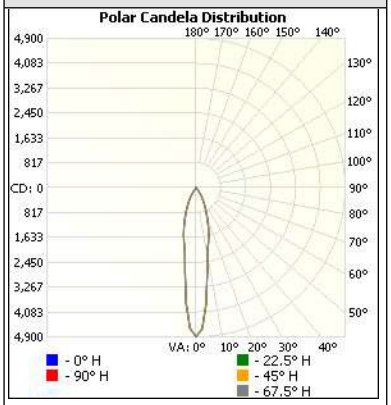
Photometeric Data: LED 4” Open Adjustable Downlight

15° Distribution

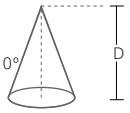
Test Number
103233437CRT-007
Model
V2CORU-1335K-N
Lumens
1220.7
Efficacy
88.3
SC
0.989



Curve



Cone of Light



	Center Beam fc	Beam Width	
1.7	1693	0.5	0.5
3.3	449	1.0	1.0
5.0	196	1.5	1.6
6.7	109	2.1	2.1
8.3	71.0	2.5	2.6
10.0	48.9	3.1	3.1

Candela Table

Degrees Vertical	Candela
0.0	4894
5.0	3787
10.0	2098
15.0	1579
20.0	1073
25.0	690
30.0	429
35.0	172
40.0	34
45.0	12
50.0	7
55.0	10
60.0	19
65.0	13
70.0	7
75.0	4
80.0	2
85.0	1
90.0	0

Zonal Lumen Summary

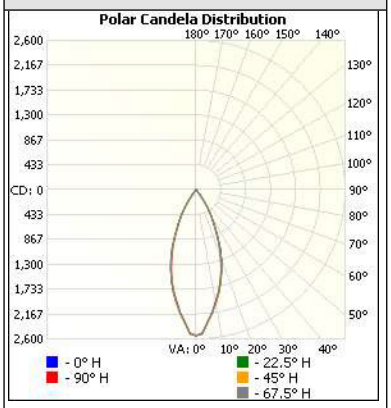
Zone	Lumens	% Luminaire
0-30	1059.7	86.8
0-40	1278.9	96.6
10-60	1201.8	98.4
60-90	19.0	1.6
0-90	1220.7	100.0
90-180	0.0	0.0
0-180	1220.7	100.0

30° Distribution

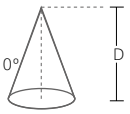
Test Number
103233437CRT-005
Model
V2CORU-1335K-M
Lumens
1233.7
Efficacy
87.4
SC
0.989



Curve



Cone of Light



	Center Beam fc	Beam Width	
1.7	879	1.3	1.2
3.3	233	2.4	2.4
5.0	102	3.7	3.5
6.7	56.6	4.9	4.8
8.3	36.9	5.1	5.9
10.0	25.4	7.4	7.1

Candela Table

Degrees Vertical	Candela
0.0	2541
5.0	2313
10.0	2000
15.0	1653
20.0	1286
25.0	871
30.0	526
35.0	229
40.0	53
45.0	17
50.0	7
55.0	5
60.0	4
65.0	2
70.0	2
75.0	2
80.0	1
85.0	0
90.0	0

Zonal Lumen Summary

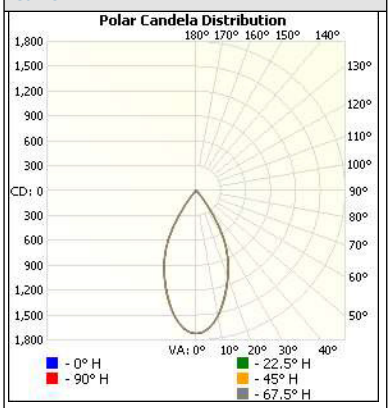
Zone	Lumens	% Luminaire
0-30	1057.5	85.7
0-40	1205.9	97.7
10-60	1228.7	99.6
60-90	5.0	0.4
0-90	1233.7	100.0
90-180	0.0	0.0
0-180	1233.7	100.0

45° Distribution

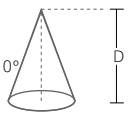
Test Number
103233437CRT-006
Model
V2CORU-1335K-W
Lumens
1212.9
Efficacy
87.2
SC
0.989



Curve



Cone of Light



	Center Beam fc	Beam Width	
1.7	596	1.7	1.7
3.3	158	3.2	3.2
5.0	68.8	4.9	4.9
6.7	38.3	5.5	6.5
8.3	25.0	8.1	8.1
10.0	17.2	9.8	9.8

Candela Table

Degrees Vertical	Candela
0.0	1721
5.0	1674
10.0	1526
15.0	1322
20.0	1114
25.0	908
30.0	658
35.0	339
40.0	124
45.0	45
50.0	9
55.0	2
60.0	2
65.0	1
70.0	0
75.0	0
80.0	0
85.0	0
90.0	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	933.5	77.0
0-40	1162.2	95.8
10-60	1209.6	99.7
60-90	3.3	0.3
0-90	1212.9	100.0
90-180	0.0	0.0
0-180	1212.9	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

Photometeric Data: LED 4” Open Adjustable Downlight

Lumens/Wattage

Nominal Lumens	Wattage*	CCT
700	7.56	3500K
1300	12.7	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

	100%				1%			
Nominal Lumens	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