Catalog #	Quantity
Project	
Notes	Date
Prepared by	

3" LED/*Capela*™

LED 3" Square Regressed Adjustable Downlight, 700-1300 Lumens

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

Construction
Self-flanged or micro-flanged cold-rolled steel housing
Polyester powder coat
Torsion springs for maximum ceiling retention
IC-rated up to 2,000 lumens
Optional new construction frame with quick connect

Electrical
High flux CoB array
80+ CRI standard, 90+ CRI optional
2700K, 3000K, 3500K, 4000K standard
70% lumen maintenance at 50,000 hours
Tested according to LM-79 and LM-80 standards
120 – 277V Universal Input standard

Listings
ETL certified; wet location under covered ceiling
Meets UL 1598 and UL 8750 requirements
Energy Star certified
Buy American Act

Warranty
5-year limited warranty. Complete warranty terms located at:
http://vantageltg.com/product-warranty/

Ordering Information

EXAMPLE: V3CRSADJ-2030K-S2040-SGC-W-WHT

Series/Source	Voltage	Nominal Lumens	Kelvin	Reflector	Finish	Distribution	Flange Color	Options
V3CRSADJ 3" square, Regressed Adjustable	U – 120V-277V 1 – 120 Volts[1] 3 – 347 Volts[3]	-07 – 700 -13 – 1300	27K – 2700K 30K – 3000K 35K – 3500K 40K – 4000K	S2040	SCL SGC WHT	N M W	WHT BLK	DL-2[2] DL-3[2] EM[2] HCR LDE1[2] NCFAQ TDM[1] XDM[2] ZDM[2]

Reflector Finish Options
SCL - Specular Clear
SGC - Soft Glow Clear
WHT - White Painted

Distribution Options
N - 15° Distribution
M - 30° Distribution
W - 45° Distribution

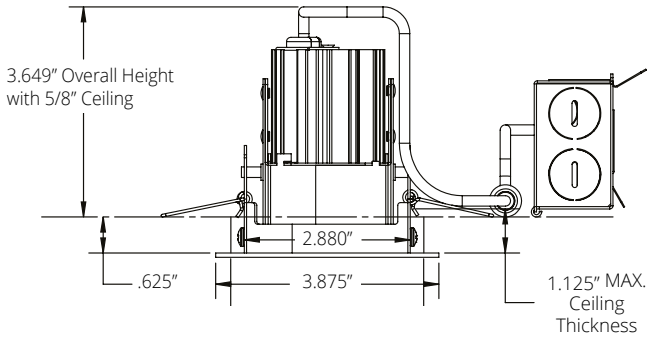
Options
DL-2[2] - Lutron 2 wire Hi-Lume Dimming Driver.
DL-3[2] - Lutron 3 wire Hi-Lume Dimming Driver.
EM[2] - Emergency battery back-up. Remote test button & indicator Light
HCR - 90+ CRI
LDE1[2] - Lutron EcoSystem Fade-to-Black™
NCFAQ - New Construction Frame Advanced Quick connect
TDM[1] - Triac Dimming Driver (Foward Phase)
XDM[2] - 0-10V 0.1% Dimming
ZDM[2] - 0-10V 1% Dimming

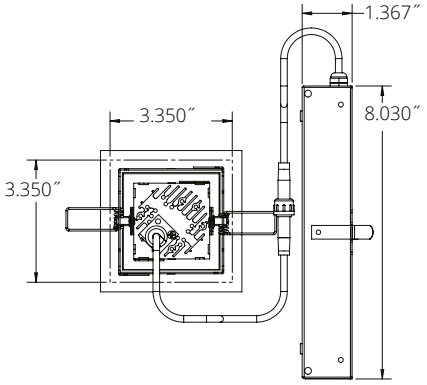
Notes
[1]**TDM** - available only in 120V
[2]**Lutron Drivers** - please consult factory
[3]**Step-down Transformer**

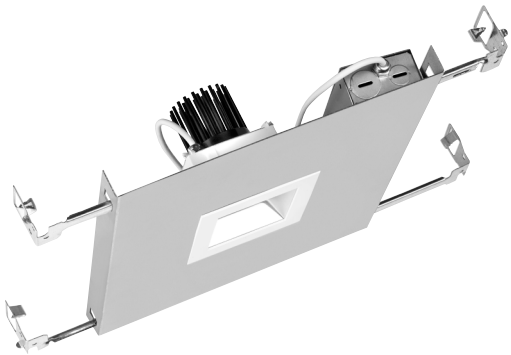
Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function. | Capela™ is a trademark of Vantage Lighting.

Dimensional Data: LED 3” Square Regressed Adjustable Downlight

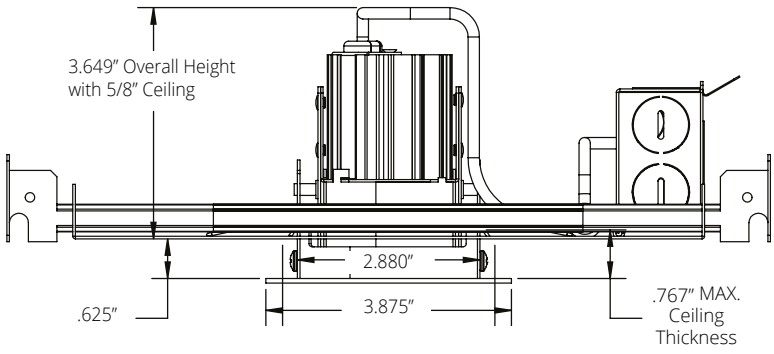
Ceiling Cut Out 3.350x3.350” Square

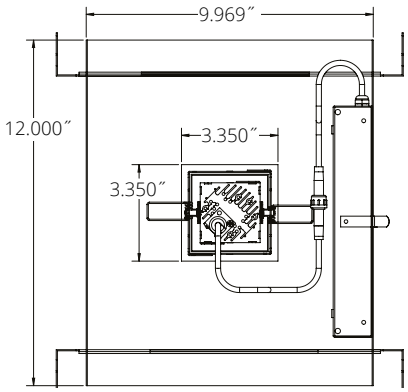






Ceiling Cut Out 3.350x3.350” Square





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

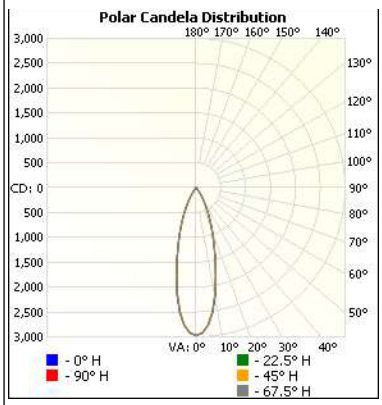
Actual Wattage/Lumens may vary.

Photometrics

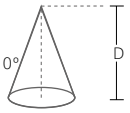
15° Distribution

Test Number
103233437CRT-017
Diver
BRIDGELUX VERO 13
Model
V2CRSU-1335K-N
Lumens
1037.7
Efficacy
76.4
SC
0.971

Curve



Cone of Light



	Center Beam fc	Beam Width	
1.7	1027	0.9	0.9
3.3	273	1.8	1.8
5.0	199	2.7	2.7
6.7	66.1	3.6	3.6
8.3	43.1	4.5	4.5
10.0	29.7	5.4	5.4

Candela Table

Degrees Vertical	Candela
0.0	2968
5.0	2773
10.0	2197
15.0	1496
20.0	967
25.0	585
30.0	308
35.0	135
40.0	47
45.0	26
50.0	21
55.0	14
60.0	9
65.0	0
70.0	0
75.0	0
80.0	0
85.0	0
90.0	0

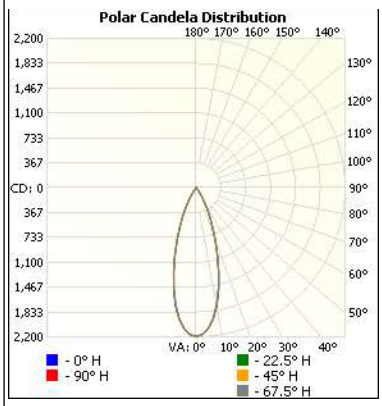
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	921.8	88.8
0-40	1014.7	97.8
10-60	1037.5	100.0
60-90	0.2	0.0
0-90	1037.7	100.0
90-180	0.0	0.0
0-180	1037.7	100.0

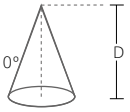
30° Distribution

Test Number
103233437CRT-016
Diver
BRIDGELUX VERO 13
Model
V2CRSU-0735K-M
Lumens
829.6
Efficacy
86.3
SC
0.

Curve



Cone of Light



	Center Beam fc	Beam Width	
1.7	759	1.0	1.0
3.3	201	2.0	2.0
5.0	87.7	3.1	3.0
6.7	48.9	4.1	4.1
8.3	31.8	5.1	5.0
10.0	21.9	6.1	6.1

Candela Table

Degrees Vertical	Candela
0.0	2193
5.0	2080
10.0	1761
15.0	1289
20.0	829
25.0	481
30.0	237
35.0	90
40.0	19
45.0	7
50.0	2
55.0	0
60.0	0
65.0	0
70.0	0
75.0	0
80.0	0
85.0	0
90.0	0

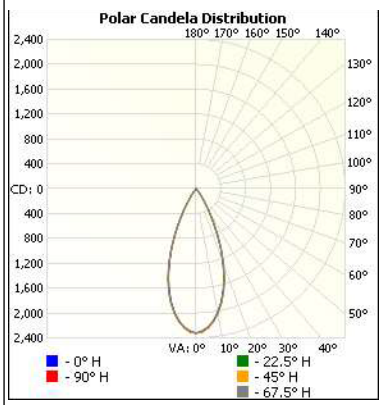
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	757.4	91.3
0-40	821.0	99.0
10-60	829.6	100.0
60-90	0.0	0.0
0-90	829.6	100.0
90-180	0.0	0.0
0-180	829.6	100.0

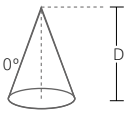
45° Distribution

Test Number
103233437CRT-015
Diver
BRIDGELUX VERO 13
Model
V2CRSU-1335K-W
Lumens
1154.5
Efficacy
85.7
SC
0.972

Curve



Cone of Light



	Center Beam fc	Beam Width	
1.7	803	1.3	1.3
3.3	213	2.6	2.6
5.0	92.8	3.9	3.9
6.7	51.7	5.2	5.2
8.3	33.7	5,4	5.4
10.0	23.2	7.7	7.8

Candela Table

Degrees Vertical	Candela
0.0	2320
5.0	2241
10.0	2017
15.0	1686
20.0	1267
25.0	801
30.0	398
35.0	142
40.0	33
45.0	11
50.0	4
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	1038.8	90.0
0-40	1141.6	98.9
10-60	1154.4	100.0
60-90	0.0	0.0
0-90	1154.5	100.0
90-180	0.0	0.0
0-180	1154.4	100.0