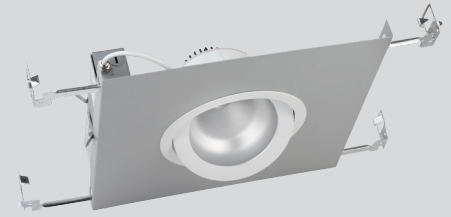


Part #	Prepared By
Project	Notes
Type	
Date	

6" Capela[®] Series Adjustable Open 700-3000 lumens



2700K 3000K 3500K 4000K



Description

Capela[®] Series small-aperture architectural shallow downlights provide a modern aesthetic and high-end performance. Adjustable Open Capela[®] Series downlights have a deeply regressed LED paired with a reflector that provides 15°, 30°, and 45° beam spreads. New Construction, IC-Rated and Remodeler housing options available.

Features & Construction

ELECTRICAL SYSTEM

- Advanced QuickConnect, Class II wiring for easy installation
- 700, 1300, 2000, and 3000 lumens
- 2700K - 4000K CCT
- High- performance Dim-to-Warm optiona
- Standard 0-10V 1% dimming driver (ZMD)
- 0-10V to 0.1% &, Lutron, & Triac/Forward phase optional
- High flux CoB array
- 80 CRI with 3 SDCM color consistency (+90 CRI optional)
- Minimum 50,000 hour lifetime at L70
- 120V – 277V Universal input standard, 347V with step-down transformer

OPTICS

- Specular Clear, Soft Glow Clear or White Matte reflector finishes
- 15°, 30°, and 45° beam spreads
- 30° vertical tilt 360° horizontal adjustability

FRAME & MOUNTING

- Self-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)

Listings

- ETL certified to UL 1598 and UL8750 requirements
- Tested according to LM-79 and LM-80 standards
- Suitable for damp locations; Wet location under covered ceiling
- Buy American Act (BAA)

Warranty & Notes

- 5-year limited warranty on LED module and driver
- www.vantageltg.com/product-warranty
- Photometric tests performed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures
- Insulation cannot be in contact with non-IC-Rated versions

Performance

OUTPUT

Nominal Lumens	Delivered Lumens	Wattage	Lumen/Watt	All measured at 3500K with a standard medium distribution *Actual Wattage/Lumens may vary.
700	699	7.6	91.97	
1300	1299	12.7	102.28	
2000	1998	19.6	101.94	
3000	2997	27.4	19.38	

EMERGENCY LUMEN OUTPUT

Nominal Lumens	Wattage	All measured at 3500K with a standard medium distribution *Actual Wattage/Lumens may vary.
300	2.5	

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

Ordering Information

EXAMPLE: V6CRRADJ-0730K-L4040A-SGL-N-WHT-NCFAQ-ZDM

V6CRRADJ				L4040A					
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	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K DTW - Dim-to-Warm (3000K-1800K)	L4070A Open Reflector 30° vertical tilt 360° horizontal adjustability	SCL Specular Clear SGC Soft Glow Clear WHT White painted	N - Narrow 15° M - Medium 30° W - Wide 45°	WHT White Matte BLK Black Matte	NCFAQ New Construction Frame NCFIC New Construction Frame w/ IC-RATED Box RMDL Remodeler	ZDM (Standard) XDM TDM DL-2 DL-3 LDE1 PEQ0 HCR EM

*Options Notes

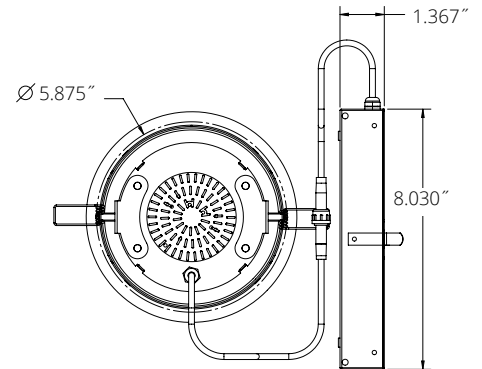
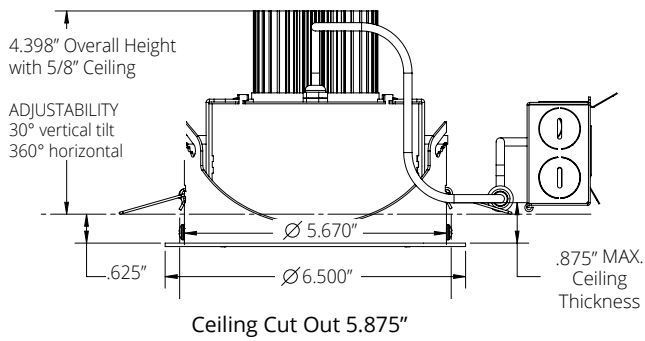
XDM - 0-10V 0.1% dimming driver
ZDM - 0-10V 1% dimming driver (standard)
TDM - Triac (Forward-Phase) dimming driver
DL-2 - Lutron 2-Wire Hi-Lume dimming driver
DL-3 - Lutron 3-Wire Hi-Lume dimming driver
LDE1 - Lutron EcoSystem Digital Fade-to-Black 1% dimming driver
PEQ0 - Lutron EcoSystem Fade-to-Black 0.1% dimming driver
HCR - High CRI, 90+
EM - Remote emergency battery back-up, remote test button & indicator light

6" Capela® Series Adjustable Open 700-3000 lumens

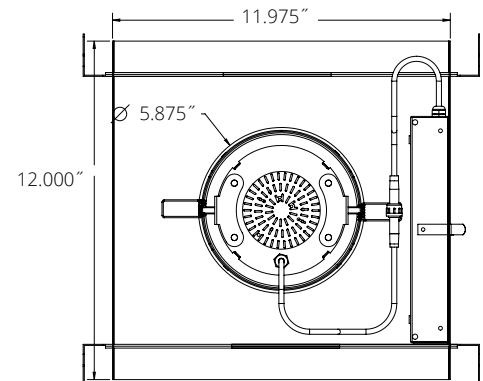
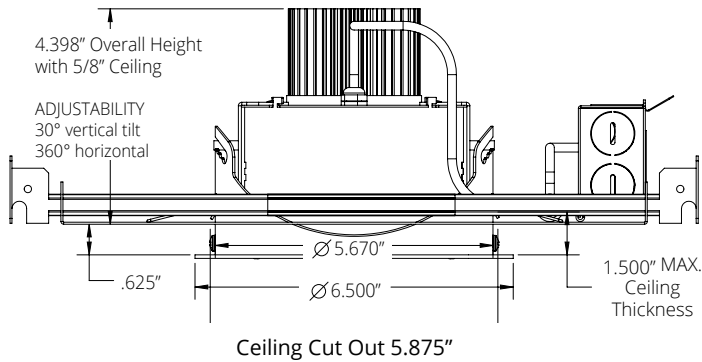
Capela®
SERIES

Dimensional Data

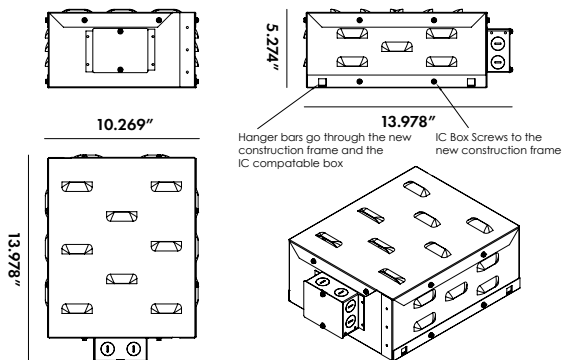
RMDL
(standard)



NCFAQ
(new construction frame)



NCFIC
(IC-RATED)



RMDL
(standard)



NCFAQ
(new construction frame)



NCFIC
(IC-RATED)



*New construction frame
sold separately

*IC-RATED box
sold separately

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.

6" Capela® Series Adjustable

Open 700-3000 lumens

Photometry

15° Distribution

Model
V6CORADJU2035K-N

Lumens

1,367

Watts

19.6

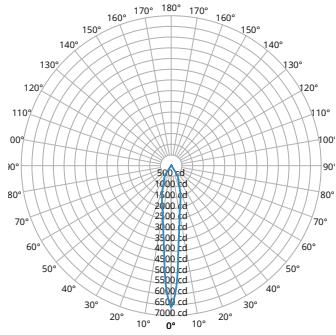
Efficacy

69.74

SC

0.22

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 '	103 fc	1.9 '
10.0 '	66 fc	2.3 '
12.0 '	46 fc	2.8 '
14.0 '	34 fc	3.2 '
16.0 '	26 fc	3.7 '
20.0 '	17 fc	4.6 '
24.0 '	11 fc	5.6 '
30.0 '	7 fc	7.0 '

Candela Table

	0.00°
0.00°	6,600
5.00°	3,863
10.00°	2,274
15.00°	1,666
20.00°	1,182
30.00°	631
40.00°	37
50.00°	6
60.00°	13
70.00°	6
80.00°	1
90.00°	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	1,175	86%
0° - 40°	1,336	98%
0° - 60°	1,354	99%
60° - 90°	13	1%
0° - 20°	792	58%
20° - 50°	552	40%
50° - 70°	20	1%
70° - 90°	3	0%
0° - 90°	1,367	100%
90° - 180°	0	0%
Total	1,367	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	1.8 ft	~ 103 fc
10 ft	2.2 ft	~ 66 fc
12 ft	2.6 ft	~ 46 fc
8 ft	1.3 ft	~ 183 fc
10 ft	1.7 ft	~ 117 fc
12 ft	2.0 ft	~ 81 fc
8 ft	0.9 ft	~ 413 fc
10 ft	1.1 ft	~ 264 fc
12 ft	1.3 ft	~ 183 fc

* approximate direct light level at floor based on spacing criterion overlap

30° Distribution

Model
V6CORADJU2035K-M

Lumens

1,998

Watts

19.6

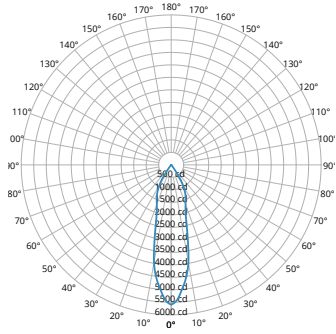
Efficacy

101.94

SC

0.44

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 '	87 fc	3.8 '
10.0 '	56 fc	4.8 '
12.0 '	39 fc	5.7 '
14.0 '	29 fc	6.7 '
16.0 '	22 fc	7.6 '
20.0 '	14 fc	9.5 '
24.0 '	10 fc	11.4 '
30.0 '	6 fc	14.3 '

Candela Table

	0.00°
0.00°	5,591
5.00°	4,993
10.00°	3,964
15.00°	2,330
20.00°	1,683
30.00°	952
40.00°	51
50.00°	3
60.00°	1
70.00°	0
80.00°	0
90.00°	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	1,741	87%
0° - 40°	1,987	99%
0° - 60°	1,998	100%
60° - 90°	0	0%
0° - 20°	1,127	56%
20° - 50°	868	43%
50° - 70°	3	0%
70° - 90°	0	0%
0° - 90°	1,998	100%
90° - 180°	0	0%
Total	1,998	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	3.5 ft	~ 87 fc
10 ft	4.4 ft	~ 56 fc
12 ft	5.3 ft	~ 39 fc
8 ft	2.6 ft	~ 155 fc
10 ft	3.3 ft	~ 99 fc
12 ft	4.0 ft	~ 69 fc
8 ft	1.8 ft	~ 349 fc
10 ft	2.2 ft	~ 224 fc
12 ft	2.6 ft	~ 155 fc

* approximate direct light level at floor based on spacing criterion overlap

45° Distribution

Model
V6CORADJU2035K-W

Lumens

1,854

Watts

19.6

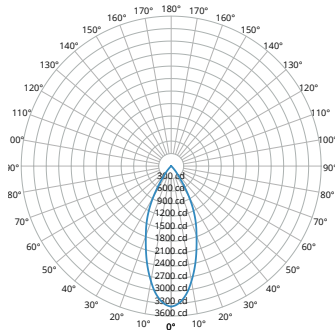
Efficacy

94.59

SC

0.65

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 '	53 fc	6.2 '
10.0 '	34 fc	7.7 '
12.0 '	23 fc	9.3 '
14.0 '	17 fc	10.8 '
16.0 '	13 fc	12.4 '
20.0 '	8 fc	15.5 '
24.0 '	6 fc	18.6 '
30.0 '	4 fc	23.2 '

Candela Table

	0.00°
0.00°	3,374
5.00°	3,208
10.00°	2,803
15.00°	2,293
20.00°	1,778
30.00°	866
40.00°	174
50.00°	0
60.00°	0
70.00°	0
80.00°	0
90.00°	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	1,539	83%
0° - 40°	1,812	98%
0° - 60°	1,854	100%
60° - 90°	0	0%
0° - 20°	932	50%
20° - 50°	922	50%
50° - 70°	0	0%
70° - 90°	0	0%
0° - 90°	1,854	100%
90° - 180°	0	0%
Total	1,854	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	5.2 ft	~ 53 fc
10 ft	6.5 ft	~ 34 fc
12 ft	7.8 ft	~ 23 fc
8 ft	3.9 ft	~ 94 fc
10 ft	4.9 ft	~ 60 fc
12 ft	5.9 ft	~ 42 fc
8 ft	2.6 ft	~ 211 fc
10 ft	3.3 ft	~ 135 fc
12 ft	3.9 ft	~ 94 fc

* approximate direct light level at floor based on spacing criterion overlap

MULTIPLIER

CRI	Multiplier	Kelvin	Multiplier	Reflector Finish	Multiplier
80	1	2700K	0.939	SCL	1
90	0.81	3000K	0.975	SGC	0.95
		3500K	1	WHT	0.87
		4000K	1.035		