

Catalog #	Quantity
Project	
Notes	Date
Prepared by	

6" LED/Capela®

LED 6" Lensed Micro Flange Downlight, 700-3000 Lumens



*New construction frame & IC-Rated box sold separately

2700K 3000K 3500K 4000K



Features

Optics

Specular clear finish
Efficient optical design
15, 30, and 45 degree beam spreads
Frosted polycarbonate and Prismatic polycarbonate lenses

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: V6CERMU-13DTW-L6071P-SCL-M-WHT-NCFAQ-DL-2

Series	Voltage*	Lumens	Kelvin	Reflector	Finish	Distribution	Flange Finish	Frame	Options*
V6CERM	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)	L6071FR L6074P	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

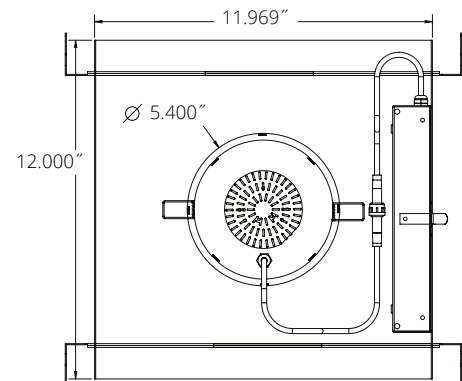
*Options Notes

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.

*Lens Options Notes

1FR - Frosted Polycarbonate
4P - Prismatic Polycarbonate

Remodeler (standard) Ceiling Cut Out 5.875"

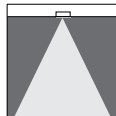
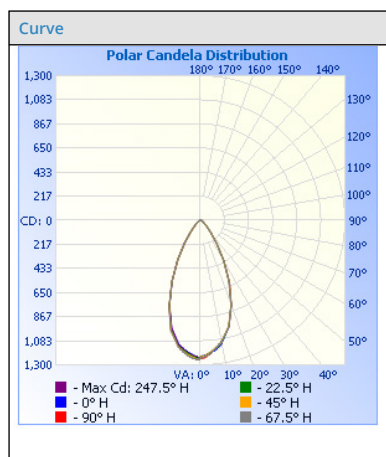


*New construction frame

Photometric Data: LED 6" Enclosed Micro Flange Downlight

15° Distribution

Test Number
PHM-RPT-171110-D09
Model
V6CERU-1335K-N
Lumens
987.7
Efficacy
72.571
SC
0.9063

Cone of Light

	Center Beam fc	Beam Width	
1.7	428	1.6	1.6
3.3	114	3.0	3.1
5.0	49.5	4.6	4.6
6.7	27.5	6.1	6.2
8.3	17.9	7.6	7.7
10.0	12.4	9.1	9.3

Candela Table

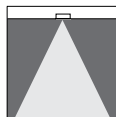
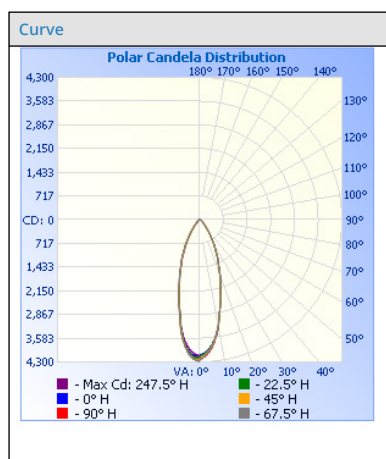
Degrees Vertical	Candela
0.0	1236
5.0	1189
10.0	1116
15.0	989
20.0	808
25.0	607
30.0	417
35.0	259
40.0	152
45.0	90
50.0	57
55.0	39
60.0	29
65.0	22
70.0	18
75.0	14
80.0	11
85.0	10
90.0	3

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	662.4	67.1
0-40	825.2	83.5
10-60	928.4	94.0
60-90	41.4	4.2
0-90	969.8	98.2
90-180	18.0	0.0
0-180	987.7	100.0

30° Distribution

Test Number
PHM-RPT-171110-D11
Model
V6CERU-3035K-M
Lumens
2326.37
Efficacy
82.67
SC
0.9797

Cone of Light

	Center Beam fc	Beam Width	
1.7	1442	1.1	1.1
3.3	383	2.1	2.1
5.0	167	3.2	3.2
6.7	92.9	4.2	4.3
8.3	60.5	5.3	5.3
10.0	41.7	6.3	6.4

Candela Table

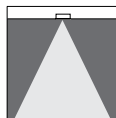
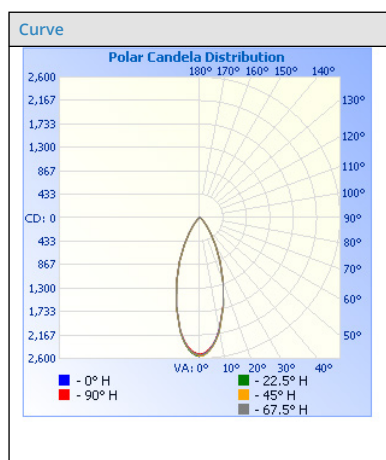
Degrees Vertical	Candela
0.0	4169
5.0	3829
10.0	3255
15.0	2457
20.0	1800
25.0	1286
30.0	871
35.0	521
40.0	289
45.0	165
50.0	105
55.0	73
60.0	57
65.0	46
70.0	37
75.0	32
80.0	22
85.0	16
90.0	11

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1620.7	69.7
0-40	1920.7	83.9
10-60	2162.5	93.0
60-90	94.4	4.1
0-90	2256.9	97.0
90-180	69.5	3.0
0-180	2326.4	100.0

45° Distribution

Test Number
PHM-RPT-171110-D10
Model
V6CERU-2035K-W
Lumens
1523.65
Efficacy
75.54
SC
0.9906

Cone of Light

	Center Beam fc	Beam Width	
1.7	877	1.2	1.2
3.3	233	2.4	2.4
5.0	101	3.6	3.6
6.7	56.6	4.9	4.9
8.3	36.8	6.0	6.0
10.0	25.4	7.3	7.3

Candela Table

Degrees Vertical	Candela
0.0	2535
5.0	2411
10.0	2090
15.0	1684
20.0	1264
25.0	890
30.0	575
35.0	344
40.0	199
45.0	115
50.0	70
55.0	46
60.0	32
65.0	23
70.0	17
75.0	12
80.0	8
85.0	5
90.0	4

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1088.5	71.4
0-40	1314.8	86.3
10-60	1456.6	95.6
60-90	42.1	2.8
0-90	1498.7	98.4
90-180	24.9	1.6
0-180	1523.7	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

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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