

DATE:	PROJECT:
TYPE:	NOTES:
CATALOG #:	

## CCDL | CAPELLA COMMERCIAL DOWNLIGHTS

4 CCT COLOR PREFERENCE® | 3 LUMEN BOOST®

### KEY FEATURES

- Luminaire uses ETI Lighting's patented Color Preference with 4 Selectable CCTs (3000K, 3500K, 4000K, 5000K)
- 3 Lumen Boost and Wattage Levels:
 

<b>4"</b> : 600   800   1000 lm	<b>6"</b> : 1100   1500   2000 lm
7   9   12W	14   18   24W
<b>8"</b> : 2400   2800   3300 lm	<b>10"</b> : 3000   3500   4000 lm
25   29   35W	32   37   43W
- 90+ CRI
- IC Rated for maximum thermal management
- 120-277V, 0-10V Dimming
- Wet location

### SPECIFICATIONS

#### Construction

- Cast aluminum flange and heat sink and polycarbonate lens
- Matte white finish
- Suitable for IC or Non-IC applications
- Optional non-conductive clip-on trim accessories: Black and Satin Nickel

#### Optics

- High impact, polymer diffuser lens for zero pixelation and overall visual comfort
- Uniform, even light distribution

#### Installation

- Two low-profile spring retention clips for a secure fit—no need for a separate recessed housing or junction box
- Easy to install and service from below the mounting/ceiling surface
- Field select one of four CCTs at installation with an integral switch accessible on back. Factory set to 3000K
- Field select one of three Wattage settings at installation with an integral switch accessible on back. Factory set to the lowest wattage

#### Electrical

- > 100,000 hour LEDs at L70 for reduced maintenance
- Operates at 120-277V, 50/60Hz
- 0-10V Dimming
- Operating Temperature: -4°F to 104°F (-20°C to 40°C)
- ETI's patented 4 CCT COLOR PREFERENCE® allows for easy field-adjustable color temperature selection with switch located on back
- 3-LEVEL LUMEN BOOST® allows for easy field-adjustable power selection with switch located on back

#### Warranty

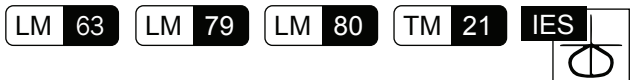
5-Year Standard Warranty. See terms at: [ETISSL.com/warranty/](https://ETISSL.com/warranty/)

KEY DATA	
LUMEN RANGE	654 - 4388
WATTAGE RANGE	6.7 - 41.5
EFFICACY RANGE (LPW)	104-109 (BASED ON 3500K)
REPORTED LIFE (HOURS)	L70 / > 100,000



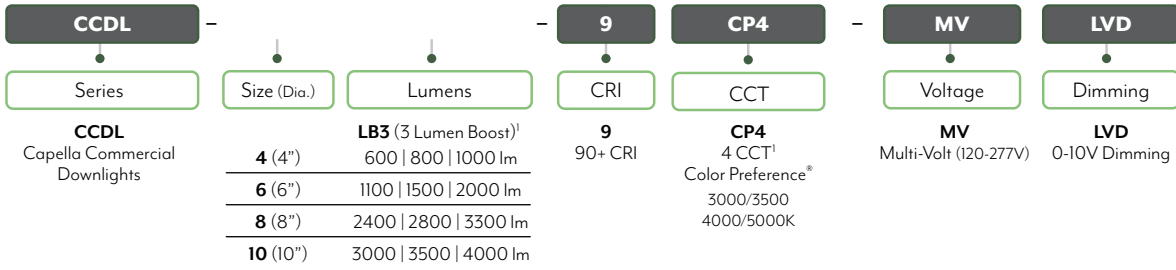
#### Certifications & Test Data

- ETL Listed
- Wet location
- Adheres to LM63, LM79, LM80 and TM21 industry standards for photometric, lumen maintenance and lifetime calculations
- ENERGY STAR® rated (See Page 3 for search info.)
- Product can be used to comply with California Title 24 Efficiency Standards
- IC Rated for direct contact with insulation



# CCDL | CAPELLA COMMERCIAL DOWNLIGHTS

## CATALOG LOGIC







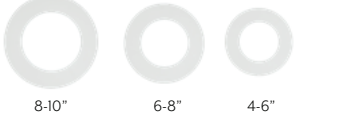



Notes:  
1. Ships at 3000K and at lowest power setting. Installing contractor responsible for ensuring desired CCT and power settings are selected during installation.

## STOCK ORDERING INFORMATION

	CATALOG PART NUMBER	ORDER NUMBER	DESCRIPTION (DIA)	CASE QTY	CRI	CCT (CP5)	WATTS (NOM.)	LUMEN PKG. <sup>1</sup>	DELIVERED LUMENS	LPW	VOLTAGE	DIM	ENERGY STAR <sup>2</sup>					
<input type="checkbox"/>	4	CCDL-4-LB3-9CP4-MV-LVD	63314101	4	90+	3000K	12	1000	1063	95	120-277V	0-10V	YES					
9							800	871	97									
7							600	654	95									
														3500K	12	1000	1110	101
															9	800	901	101
															7	600	671	99
														4000K	12	1000	1115	102
															9	800	903	103
															7	600	672	100
														5000K	12	1000	1078	97
															9	800	881	98
															7	600	660	97
<input type="checkbox"/>	6	CCDL-6-LB3-9CP4-MV-LVD	63315101	4	90+	3000K	24	2000	2078	89	120-277V	0-10V	YES					
															18	1500	1628	94
															14	1100	1206	97
														3500K	24	2000	2172	94
															18	1500	1685	98
															14	1100	1237	100
														4000K	24	2000	2184	95
															18	1500	1693	99
															14	1100	1242	101
														5000K	24	2000	2099	91
															18	1500	1648	96
															14	1100	1223	99
<input type="checkbox"/>	8	CCDL-8-LB3-9CP4-MV-LVD	63316101	4	90+	3000K	35	3300	3398	98	120-277V	0-10V	YES					
															29	2800	2900	100
															25	2400	2479	99
														3500K	35	3300	3616	105
															29	2800	3074	107
															25	2400	2595	105
														4000K	35	3300	3650	107
															29	2800	3107	109
															25	2400	2617	106
														5000K	35	3300	3502	102
															29	2800	3014	105
															25	2400	2560	104
<input type="checkbox"/>	10	CCDL-10-LB3-9CP4-MV-LVD	63317101	4	90+	3000K	43	4000	4074	98	120-277V	0-10V	YES					
															37	3500	3554	101
															32	3000	3071	104
														3500K	43	4000	4334	106
															37	3500	3754	107
															32	3000	3222	109
														4000K	43	4000	4388	107
															37	3500	3796	109
															32	3000	3257	110
														5000K	43	4000	4224	102
															37	3500	3694	104
															32	3000	3198	107

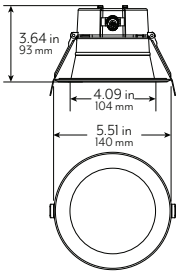
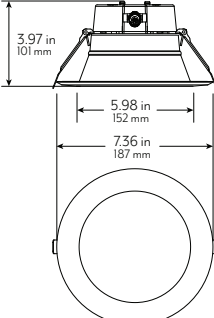
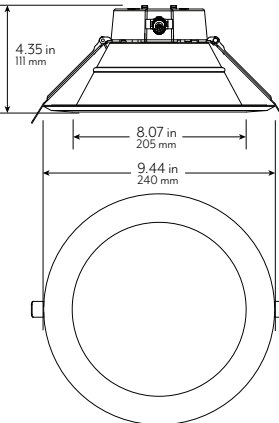
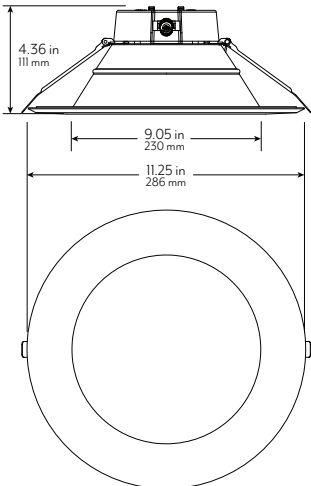
Notes: 1. For more delivered lumens and test data see page 4, or visit ETISSL.com 2. ENERGY STAR® search catalog part number. Example: CCDL-4-LB3-9CP4-MV-LVD


## AVAILABLE STOCK ACCESSORIES (must be ordered separately, field installed)

Catalog Part Number	Order Number	Description	Details
<input type="checkbox"/> CCDL-4-TRIM-BL	70545101	CCDL 4" Clip-On Black Trim	 BLACK SATIN NICKEL
<input type="checkbox"/> CCDL-4-TRIM-SN	70547101	CCDL 4" Clip-On Satin Nickel Trim	
<input type="checkbox"/> CCDL-6-TRIM-BL	70548101	CCDL 6" Clip-On Black Trim	 BLACK SATIN NICKEL
<input type="checkbox"/> CCDL-6-TRIM-SN	70550101	CCDL 6" Clip-On Satin Nickel Trim	
<input type="checkbox"/> CCDL-8-TRIM-BL	70551101	CCDL 8" Clip-On Black Trim	 BLACK SATIN NICKEL
<input type="checkbox"/> CCDL-8-TRIM-SN	70553101	CCDL 8" Clip-On Satin Nickel Trim	
<input type="checkbox"/> CCDL-10-TRIM-BL	70554101	CCDL 10" Clip-On Black Trim	 BLACK SATIN NICKEL
<input type="checkbox"/> CCDL-10-TRIM-SN	70556101	CCDL 10" Clip-On Satin Nickel Trim	
<input type="checkbox"/> DL-46GR	70557101	4" - 6" Goof Ring	 8-10" 6-8" 4-6"
<input type="checkbox"/> DL-68GR	70558101	6" - 8" Goof Ring	
<input type="checkbox"/> DL-810GR	70559101	8" - 10" Goof Ring	
<input type="checkbox"/> DLGP-U	70566101	3"/4"/6"/8" Universal Guide-In Plate	
<input type="checkbox"/> DLGPB-U	70565101	3"/4"/6"/8" Universal Guide-In Plate with Bar Hangers	
<input type="checkbox"/> EMA25FY-I70	70112202-2	Square Emergency LED Driver BBU 25W, IP rated, 90 min	 BBUs certified in CA Title 20 MAEDBS Search: EMA25FY-I70 <a href="#">INFORMATION</a>


## DIMENSIONS / DETAILS

**CCDL**


<p>4IN</p>  <p>3.64 in 93 mm</p> <p>4.09 in 104 mm</p> <p>5.51 in 140 mm</p> <p><b>Unit Weight</b> 0.72 lb.</p> <p><b>Ceiling Opening</b> 4.33" Diameter</p>	<p>6IN</p>  <p>3.97 in 101 mm</p> <p>5.98 in 152 mm</p> <p>7.36 in 187 mm</p> <p><b>Unit Weight</b> 0.89 lb.</p> <p><b>Ceiling Opening</b> 6.06" Diameter</p>	<p>8IN</p>  <p>4.35 in 111 mm</p> <p>8.07 in 205 mm</p> <p>9.44 in 240 mm</p> <p><b>Unit Weight</b> 1.12 lbs.</p> <p><b>Ceiling Opening</b> 8.07" Diameter</p>	<p>10IN</p>  <p>4.36 in 111 mm</p> <p>9.05 in 230 mm</p> <p>11.25 in 286 mm</p> <p><b>Unit Weight</b> 1.36 lbs.</p> <p><b>Ceiling Opening</b> 8.98" Diameter</p>
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Ships at 3000K



MC Cable Length 19"  
Overall Wire Length 27"



Ships at lowest power setting

PERFORMANCE / Data

Lumen Maintenance

Ambient Temp.	TM-21 Lumen Maintenance (54,000 hours)
25° C (77° F)	> 83%
Ambient Temp.	TM-21 Theoretical L70 (hours)
25° C (77° F)	> 100,000

Load Information

Power Factor	> 0.90
THD	< 20%
Frequency	50/60 Hz
Low Temp Start / Max Temp	-20° C (-4° F) / 40° C (104° F)

PHOTOMETRIC SAMPLES

4IN

Luminaire Data: at highest wattage  
CCDL-4-LB3-9CP4-MV-LVD

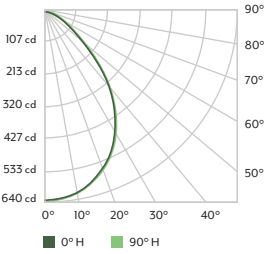
CCT & CRI	<b>3500K, 90+ CRI</b>
DELIVERED LUMENS	<b>1109.7</b>
WATTAGE	<b>11 W</b>
EFFICACY	<b>101</b>
BEAM ANGLE	<b>50%=81° 10%=127°</b>
SPACING	<b>0° = 1.12 90° = 1.12</b>

Photometric values based on tests performed in compliance with LM-63 & LM-79

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	464.6	41.9%
0-40	715.1	64.4%
0-60	1,011.6	91.2%
0-90	1,109.7	100.0%

Candela Plot



6IN

Luminaire Data: at highest wattage  
CCDL-4-LB3-9CP4-MV-LVD

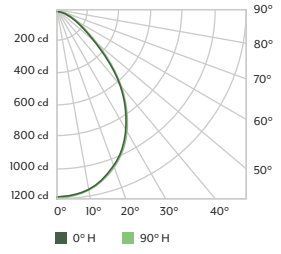
CCT & CRI	<b>3500K, 90+ CRI</b>
DELIVERED LUMENS	<b>2172.1</b>
WATTAGE	<b>23.2 W</b>
EFFICACY	<b>94</b>
BEAM ANGLE	<b>50%=85° 10%=126°</b>
SPACING	<b>0° = 1.13 90° = 1.13</b>

Photometric values based on tests performed in compliance with LM-63 & LM-79

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	873.7	40.2%
0-40	1,362.8	62.7%
0-60	2,003.8	92.3%
0-90	2,172.1	100.0%

Candela Plot



8IN

Luminaire Data: at highest wattage  
CCDL-4-LB3-9CP4-MV-LVD

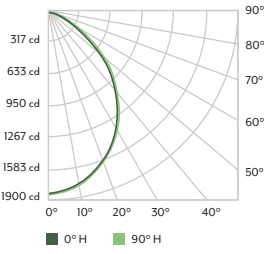
CCT & CRI	<b>3500K, 90+ CRI</b>
DELIVERED LUMENS	<b>3616.5</b>
WATTAGE	<b>34.4 W</b>
EFFICACY	<b>105</b>
BEAM ANGLE	<b>50%=91° 10%=132°</b>
SPACING	<b>0° = 1.14 90° = 1.14</b>

Photometric values based on tests performed in compliance with LM-63 & LM-79

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,338.8	37%
0-40	2,114.1	58.5%
0-60	3,312.4	91.6%
0-90	3,616.5	100.0%

Candela Plot



10IN

Luminaire Data: at highest wattage  
CCDL-4-LB3-9CP4-MV-LVD

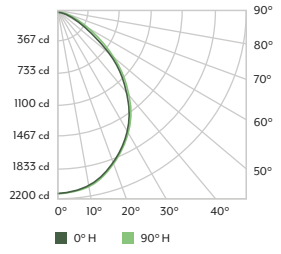
CCT & CRI	<b>3500K, 90+ CRI</b>
DELIVERED LUMENS	<b>4334.1</b>
WATTAGE	<b>41W</b>
EFFICACY	<b>106</b>
BEAM ANGLE	<b>50%=93° 10%=133°</b>
SPACING	<b>0° = 1.16 90° = 1.16</b>

Photometric values based on tests performed in compliance with LM-63 & LM-79

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,577.5	36.4%
0-40	2,504.1	57.8%
0-60	3,976.3	91.7%
0-90	4,334.1	100.0%

Candela Plot



DIMMER COMPATIBILITY LIST

DIMMER BRAND	SERIES	DIMMER MODEL
<b>0-10V DIMMERS</b>		
LUTRON	Divi	DVSTV-WH
COOPER	NA	DFIOPCI
LEVITON	NA	IP710

\* Always consult dimmer manufacturer for proper use, installation and compatibility (some dimmers may require a neutral in the wall box).