

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:

4" : 600 800 1000 lm	6" : 1100 1500 2000 lm
7 9 12W	14 18 24W
8" : 2400 2800 3300 lm	10" : 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
- Plenum Rated
- 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

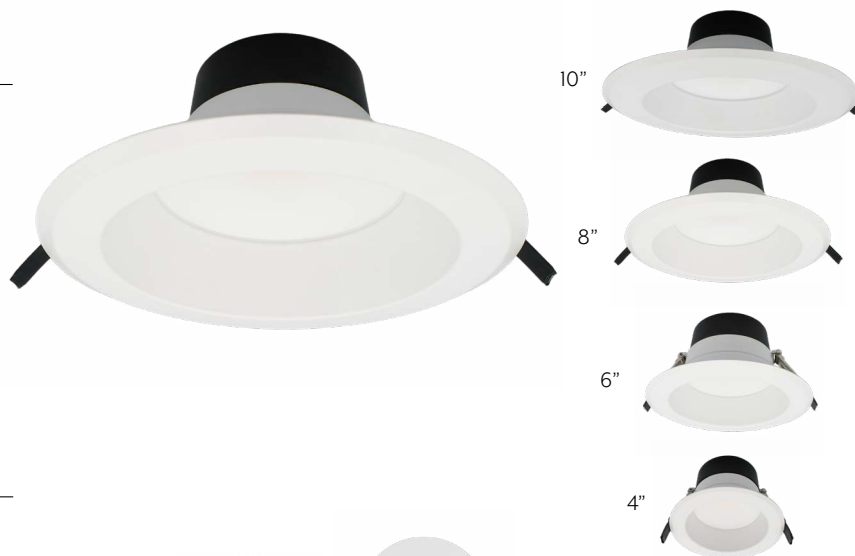
- > 100,000 hour LEDs at L70 for reduced maintenance
- Operates at 120-277V, 50/60Hz
- 0-10V Dimming
- Operating Temperature: -4°F to 104°F (-20°C to 40°C)
- ETI's patented 4 CCT COLOR PREFERENCE® allows for easy field-adjustable color temperature selection with switch located on back
- 3-LEVEL LUMEN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

DATE:	PROJECT:
TYPE:	NOTES:
CATALOG #:	



Black & Satin Nickel
Clip-On Trim
Accessories Available

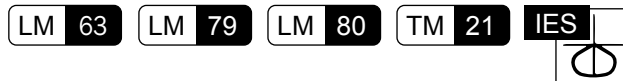


Goof Ring
Accessories Available

Features



Certifications



Certifications & Test Data

- CCDL items are ETL Listed
- Wet location
- ENERGY STAR® rated (See Page 2 for search info.)
- Product can be used to comply with California Title 24 Efficiency Standards
- IC Rated for direct contact with insulation
- Suitable for use in closets when installed in accordance to NEC Section 410.16 (A)(1) and 410.16 (C)(1)

CATALOG LOGIC

CCDL

Series

CCDL
Capella Commercial
Downlights

-

Size (Dia.)

4 (4")
6 (6")
8 (8")
10 (10")

Lumens

LB3 (3 Lumen Boost)¹
600 | 800 | 1000 lm
1100 | 1500 | 2000 lm
2400 | 2800 | 3300 lm
3000 | 3500 | 4000 lm

-

9

CRI

9
90+ CRI

CP4

CCT

CP4
4 CCT¹
Color Preference*
3000/3500
4000/5000K

-

MV

Voltage

MV
Multi-Volt (120-277V)

LVD

Dimming

LVD
0-10V Dimming

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

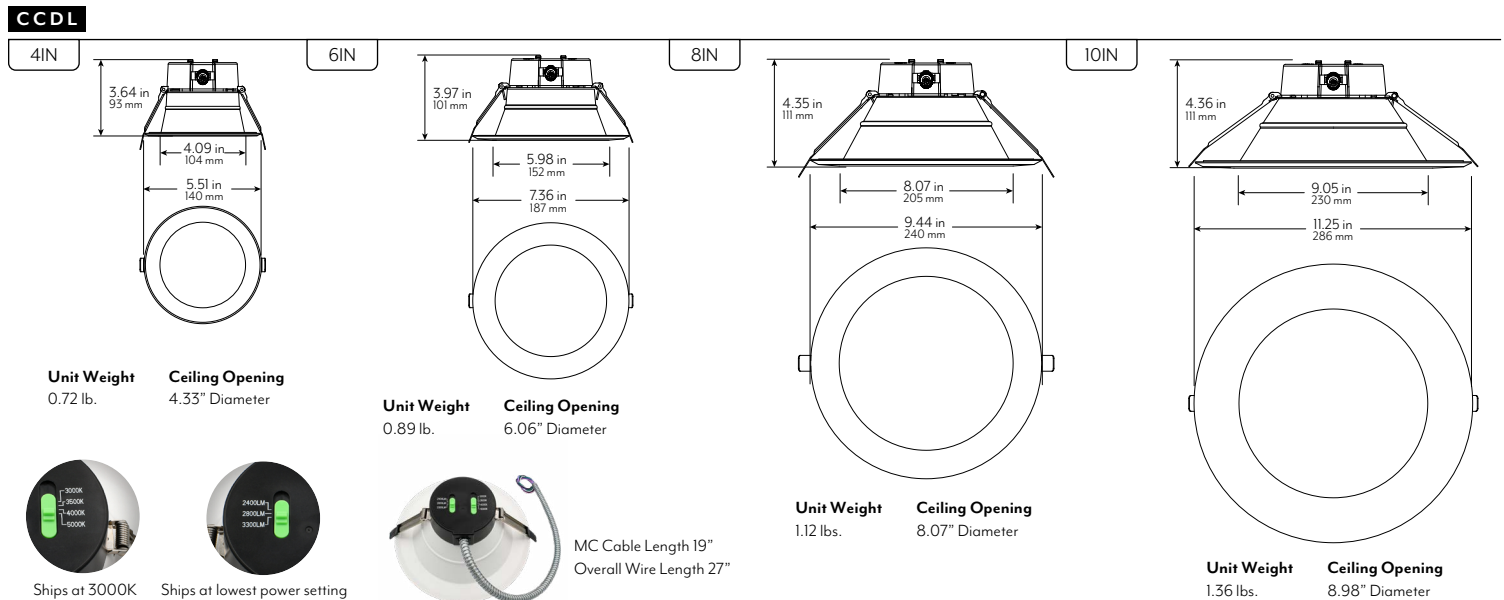
	CATALOG PART NUMBER	ORDER NUMBER	DESCRIPTION (DIA)	CASE QTY	CRI	CCT (CP5)	WATTS (NOM.)	LUMEN PKG. ¹	DELIVERED LUMENS	LPW	VOLTAGE	DIM	ENERGY STAR ¹²
4	CCDL-4-LB3-9CP4-MV-LVD	63314101	4" Capella Commercial Downlight	4	90+	3000K	12	1000	1063	95	120-277V	0-10V	YES
							9	800	871	97			
							7	600	654	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			
6	CCDL-6-LB3-9CP4-MV-LVD	63315101	6" Capella Commercial Downlight	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			
8	CCDL-8-LB3-9CP4-MV-LVD	63316101	8" Capella Commercial Downlight	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			
10	CCDL-10-LB3-9CP4-MV-LVD	63317101	10" Capella Commercial Downlight	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)

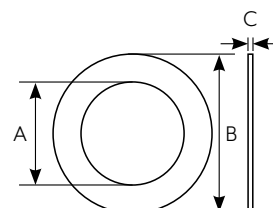
Catalog Part Number	Order Number	Description	Details	
CCDL-4-TRIM-BL	70545101	CCDL 4" Clip-On Black Trim	 BLACK  SATIN NICKEL	4IN
CCDL-4-TRIM-SN	70547101	CCDL 4" Clip-On Satin Nickel Trim		
CCDL-6-TRIM-BL	70548101	CCDL 6" Clip-On Black Trim	 BLACK  SATIN NICKEL	6IN
CCDL-6-TRIM-SN	70550101	CCDL 6" Clip-On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

DIMENSIONS / DETAILS



Goof Ring Dimensions

Part Number	Order Number	Description	(A) Inner Diameter inches (mm)	(B) Outer Diameter inches (mm)	(C) Thickness inches (mm)
DL-46GR	70557101	4" – 6" Goof Ring	4.125" (105 mm)	7.25" (184 mm)	0.25" (6.3 mm)
DL-68GR	70558101	6" – 8" Goof Ring	5.50" (140 mm)	9.50" (241 mm)	0.25" (6.3 mm)
DL-810GR	70559101	8" – 10" Goof Ring	7.125" (181 mm)	11.375" (289 mm)	0.25" (6.3 mm)



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

IES

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

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

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%

81°
Beam Angle

Candela Plot

A candela plot for a 4-inch luminaire. The plot shows a beam angle of 81° at 50% beam spread. The y-axis represents candela (cd) from 640 to 107, and the x-axis represents beam angle from 0° to 40°. The plot is a green curve starting at 107 cd at 0° and ending at 640 cd at 81°.

6IN

IES

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

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

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%

85°
Beam Angle

Candela Plot

A candela plot for a 6-inch luminaire. The plot shows a beam angle of 85° at 50% beam spread. The y-axis represents candela (cd) from 1200 to 200, and the x-axis represents beam angle from 0° to 40°. The plot is a green curve starting at 200 cd at 0° and ending at 1200 cd at 85°.

8IN

IES

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

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

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%

91°
Beam Angle

Candela Plot

A candela plot for an 8-inch luminaire. The plot shows a beam angle of 91° at 50% beam spread. The y-axis represents candela (cd) from 1900 to 317, and the x-axis represents beam angle from 0° to 40°. The plot is a green curve starting at 317 cd at 0° and ending at 1900 cd at 91°.

10IN

IES

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

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

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%

93°
Beam Angle

Candela Plot

A candela plot for a 10-inch luminaire. The plot shows a beam angle of 93° at 50% beam spread. The y-axis represents candela (cd) from 2200 to 367, and the x-axis represents beam angle from 0° to 40°. The plot is a green curve starting at 367 cd at 0° and ending at 2200 cd at 93°.

DIMMER COMPATIBILITY LIST

DIMMER BRAND	SERIES	DIMMER MODEL
0-10V DIMMERS		
LUTRON	Diva	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).

Quotes: quotes@etissl.com
 Orders: etiors@etissl.com
 Technical Support: etitech@etissl.com

All specifications are subject to change without notice.
 All reported values are typical values, measured under laboratory conditions @ 25° C (77° F).
 Actual performance can vary slightly as a result of end-user application & environment.
 01-102002-000208.09.11.13, CCDL_DL_Recessed_120-277 | Page 4 of 4 | July 31, 2026