

ALCD | ALTAIR CANLESS DOWNLIGHTS

5 CCT COLOR PREFERENCE® | J-BOX MOUNT

120-277V

KEY FEATURES

- Luminaire uses ETI Lighting's patented Color Preference with 5 Selectable CCTs (2700K, 3000K, 3500K, 4000K, 5000K)
- JA8 Title 24 Compliant
- 90+ CRI
- Smaller trim ring for enhanced optical performance
- IC Rated for maximum thermal management
- Single-Volt and Multi-Volt options available
- 0-10V Dimming (120-277V)
- Wet location

SPECIFICATIONS

Construction

- ALCD items: Durable die-cast aluminum low profile trim with ¼" surface profile
- Suitable for IC or Non-IC applications
- Matte white finish
- Optional Black and Satin Nickel magnetic non-conductive trim accessories

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 installed and service from below the mounting/ceiling surface
- Minimum 2" plenum space required to install the remote driver box
- Field select one of five CCTs at installation with an integral switch accessible on J-Box. Factory set to 2700K.

Electrical

- > 110,000 hour LEDs at L70 for reduced maintenance
- Operates at 120-277V, 50/60Hz
- TRIAC dimming, down to 10%*
- Operating Temperature: -4°F to 104°F (-20°C to 40°C)
- ETI's patented 5 CCT COLOR PREFERENCE® allows for easy field-adjustable color temperature selection with switch located on J-Box

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

Warranty

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

KEY DATA	
LUMEN RANGE	811 – 1808
WATTAGE RANGE	7.6 – 18.3
EFFICACY RANGE (LPW)	91-109 (BASED ON 3500K)
REPORTED LIFE (HOURS)	L70 / > 110,000

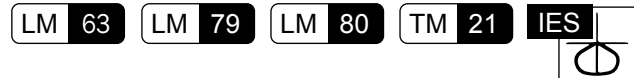
DATE:	PROJECT:
TYPE:	NOTES:
CATALOG #:	



Features



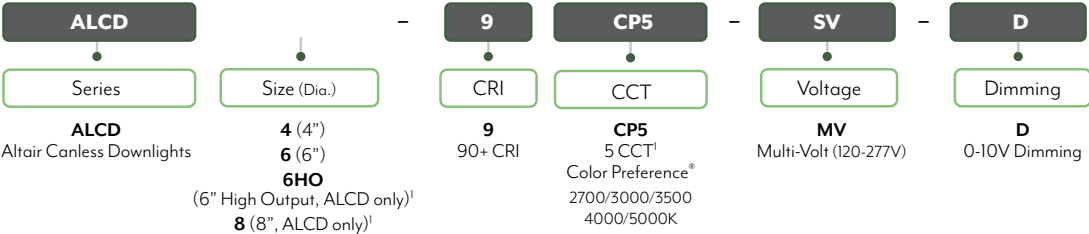
Certifications



Certifications & Test Data

- ALCD items are ETL Listed
- Wet location
- ENERGY STAR® rated (See Page 3 for search info.)
- Product can be used to comply with California Title 24 Efficiency Standards
- JA8 Title 24 Compliant
- IC Rated for direct contact with insulation
- Adheres to LM63, LM79, LM80 and TM21 industry standards for photometric, lumen maintenance and lifetime calculations

CATALOG LOGIC



Notes:

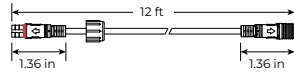
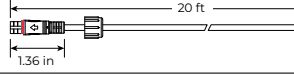
1. Factory set at 2700K. Installing contractor responsible for ensuring desired CCT is selected during installation.

STOCK ORDERING INFORMATION

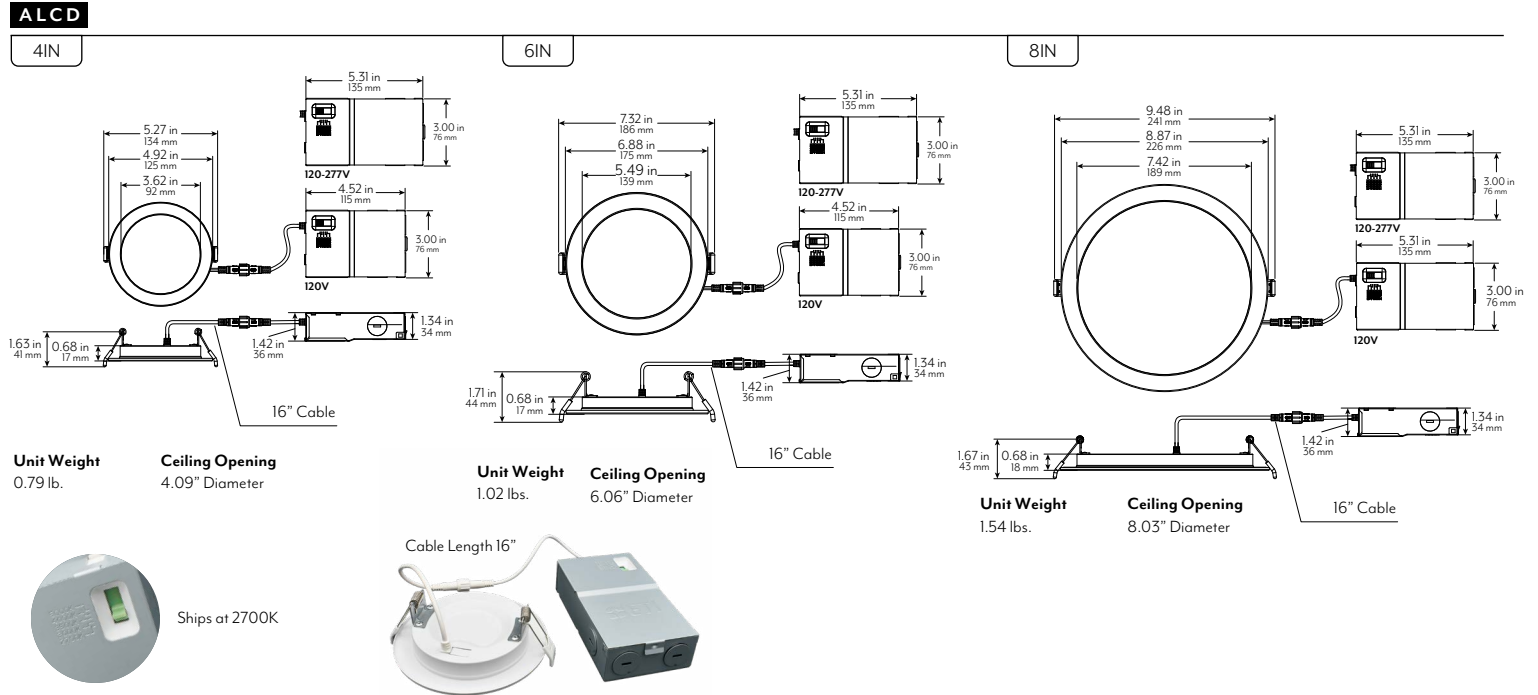
CATALOG PART NUMBER	ORDER NUMBER	DESCRIPTION (DIA)	CASE QTY	CRI	CCT (CP5)	WATTS (NOM.)	LUMEN PKG. ¹	DELIVERED LUMENS	LPW	VOLTAGE	DIM	ENERGY STAR ²
MULTI-VOLT (120-277V), 0-10V DIM												
ALCD-4-9CP5-MV-D	63322201	4" Altair Canless Downlight, 120-277V, 0-10V Dim	6	90+	2700K	10	800	825	83	120-277V	0-10V	YES
					3000K	10	800	873	89			
					3500K	10	800	900	94			
					4000K	10	800	890	92			
					5000K	10	800	842	86			
ALCD-6-9CP5-MV-D	63323201	6" Altair Canless Downlight, 120-277V, 0-10V Dim	6	90+	2700K	10	800	828	83	120-277V	0-10V	YES
					3000K	10	800	872	87			
					3500K	10	800	906	92			
					4000K	10	800	908	91			
					5000K	10	800	876	88			
ALCD-6HO-9CP5-MV-D	63323401	6" High Output Altair Canless Downlight, 120-277V, 0-10V Dim	6	90+	2700K	14	1200	1258	93	120-277V	0-10V	YES
					3000K	14	1200	1305	97			
					3500K	14	1200	1355	103			
					4000K	14	1200	1350	101			
					5000K	14	1200	1296	95			
ALCD-8-9CP5-MV-D	63324201	8" Altair Canless Downlight, 120-277V, 0-10V Dim	6	90+	2700K	17	1600	1651	99	120-277V	0-10V	YES
					3000K	17	1600	1712	103			
					3500K	17	1600	1795	109			
					4000K	17	1600	1808	110			
					5000K	17	1600	1740	104			

Notes: 1. For more delivered lumens and test data see pages 3-4, or visit ETISSL.com 2. ENERGY STAR® search catalog part number. Example: ALCD-4-9CP5-SV-TD

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

Catalog Part Number	Order Number	Description	Details
ALCD-4IN-TRIM-B	70567101	ALCD 4in Black Trim	 BLACK  SATIN NICKEL
ALCD-4IN-TRIM-SN	70568101	ALCD 4in Satin Nickel Trim	
ALCD-6IN-TRIM-B	70569101	ALCD 6in Black Trim	 BLACK  SATIN NICKEL
ALCD-6IN-TRIM-SN	70570101	ALCD 6in Satin Nickel Trim	
ALCD-8IN-TRIM-B	70571101	ALCD 8in Black Trim	 BLACK  SATIN NICKEL
ALCD-8IN-TRIM-SN	70572101	ALCD 8in Satin Nickel Trim	
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	
FRCDL-12FT-EXTENCORD	70232101	12-ft Extension Cable	3-Pin 
FRCDL-20FT-EXTENCORD	70233101	20-ft Extension Cable	3-Pin 
EMA25FY-I70	70112202-2	Square Emergency LED Driver BBU 25W, IP rated, 90 min	 BBU's certified in CA Title 20 MAEDBS Search: EMA25FY-I70 INFORMATION

DIMENSIONS / DETAILS



PERFORMANCE / Data

Lumen Maintenance

Ambient Temp.	TM-21 Lumen Maintenance (54,000 hours)
25° C (77° F)	> 85%
Ambient Temp.	TM-21 Theoretical L70 (hours)
25° C (77° F)	> 110,000

Load Information

Power Factor	> 0.90
THD	< 20%
Frequency	60 Hz
Operating Temperature Range	-4°F to 104°F (-20°C to 40°C)

PHOTOMETRIC SAMPLES

4IN, MV

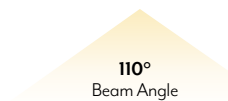
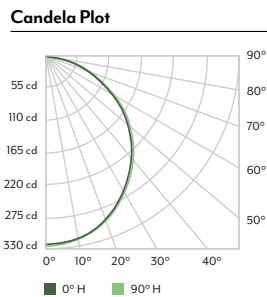
**Luminaire Data: 120-277V
ALCD-4-9CP5-MV-D, 3500K**

CCT & CRI	3500K, 90+ CRI
DELIVERED LUMENS	900
WATTAGE	9.6W
EFFICACY	94
BEAM ANGLE	50°=110.0° 10°=161.5°
SPACING	0° = 1.23 90° = 1.25

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

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	284.9	27.7%
0-40	406.0	45.1%
0-60	711.1	79%
0-90	899.9	100.0%



6IN, MV

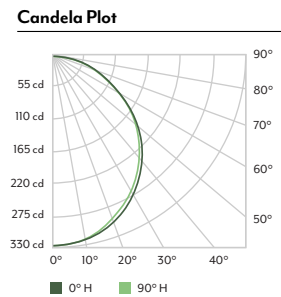
**Luminaire Data: 120-277V
ALCD-6-9CP5-MV-D, 3500K**

CCT & CRI	3500K, 90+ CRI
DELIVERED LUMENS	906
WATTAGE	9.9W
EFFICACY	92
BEAM ANGLE	50°=110.1° 10°=160.8°
SPACING	0° = 1.25 90° = 1.24

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

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	250.8	27.7%
0-40	409.2	45.2%
0-60	717.9	79.3%
0-90	905.8	100.0%



6IN.HO.MV

IES

Luminaire Data: 120-277V
ALCD-6HO-9CP5-MV-D, 3500K

CCT & CRI	3500K, 90+ CRI
DELIVERED LUMENS	1355
WATTAGE	13.2W
EFFICACY	103
BEAM ANGLE	50%=110.1° 10%=161.2°
SPACING	0° = 1.25 90° = 1.25

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

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	375.2	27.7%
0-40	612.9	45.2%
0-60	1,073.0	79.2%
0-90	1,355.1	100.0%

8IN.MV

IES

Luminaire Data: 120-277V
ALCD-8-9CP5-MV-D, 3500K

CCT & CRI	3500K, 90+ CRI
DELIVERED LUMENS	1795
WATTAGE	16.4 W
EFFICACY	109
BEAM ANGLE	50%=111.4° 10%=161.4°
SPACING	0° = 1.25 90° = 1.25

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

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	490.8	27.3%
0-40	802.9	44.7%
0-60	1,416.2	78.9%
0-90	1,794.6	100.0%

Candela Plot

0° H 90° H

110° Beam Angle

Candela Plot

0° H 90° H

111° Beam Angle

DIMMER COMPATIBILITY LIST

DIMMER BRAND	SERIES	DIMMER MODEL
0-10V DIMMERS		
LUTRON	Diva	DVSTV-WH
COOPER	NA	DF10PCI
LEVITON	NA	IP710

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

ETI LIGHTING

ETI Lighting
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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.
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