

PROJECT: \_\_\_\_\_

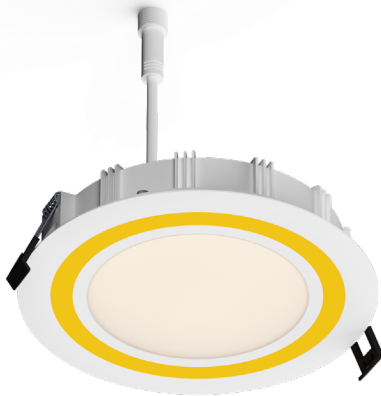
TYPE: \_\_\_\_\_

PRODUCT: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_

PRODUCT FEATURES

- Intended for healthcare applications including patient bathrooms, corridors, assisted living, and more.
- 4" and 6" sealed recessed canless downlight with remote driver
- Field-selectable CCT: 2700K-5000K
- Two circuit - switches to dimmable Amber nightlight (585nm-596nm) for Fall Prevention
- Suitable for Non-IC, IP65 rated per IEC60598, IK10  
Listed per IEC60068-2-75, NSF2 Splash/Non-Food Zone listed



CCADL SERIES

ORDERING INFORMATION

Example: CCADL-4-WFP-4-CCT-80C-F-MW-UN-DTD



CCADL		WFP		CCT	80C	F
Series	Aperture 4 = 4 inch 6 = 6 inch	Lens WFP = .060" White Frosted Polycarbonate	Lumen Output 4" = 1500-1800lm 6" = 2500-2900lm  *White CCT output only	Color Temp. 2700K - 5000K Field Selectable	CRI 80C = 80 CRI	Trim F = Flange

MW	UN	
Trim Finish MW = Antimicrobial Matte White	Voltage UN = Universal (120-277V)	Driver Type DMI = 0-10V Dimming with 1-100% range DTD = 0-10V Dimming with Dim to Dark

# COMLETECARE™ AMBER DOWNLIGHT SERIES

## SPECIFICATIONS

**CONSTRUCTION:** Module construction includes LED Array, heat sink, reflector, lens, baffle/trim ring and ceiling ring. Regressed baffle. Aluminum heat sink, reflector and trim designed to conduct heat away from the LEDs.

**LENS:** .060" White Frosted Polycarbonate diffuse for even illumination.

**GASKET:** 1/16" x 5/16" Rubberlite gasket integrated with frame assembly for ceiling compression sealing.

**LED:** LED module 80 CRI minimum with R9 > 50. CCT is field-selectable in 2700K, 3000k, 3500k, 4000k and 5000K with maximum 3-step MacAdam variation allowance. Nightlight ring is 585-595nm Amber. Minimum 50,000 hours with 70% lumen maintenance in a 25°C ambient temperature, compliant with IES LM-80 testing standards.

**DRIVER:** 120-277VAC, 50/60Hz electrical input with serviceable constant current driver (<20% THD, >0.90 PF), 18W and 24W. Minimum 85% driver efficiency. Standard 0-10V flicker-free dimming with 1-100% range and dim-to-dark capabilities; 0.2mA maximum source current. Operating temperature (-20° - 40°C).

**FASTENERS:** Stainless steel Philips flat head screws with captive cage nuts. Finish to match trim.

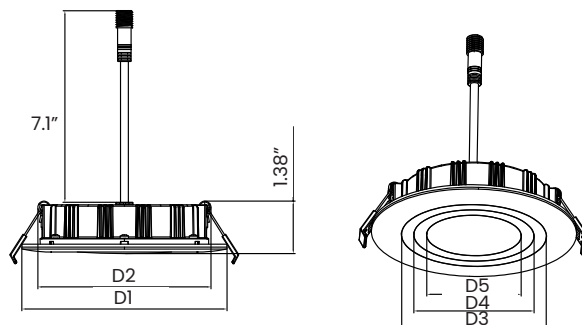
**FINISH:** White antimicrobial powder coat finish following multistage iron phosphate pretreatment on all exposed room-side painting surfaces, unless otherwise specified.

**INSTALLATION:** Recessed drywall installation. Precision-formed spring blades secure module with friction fit tom compatible housings.

**WARRANTY:** Five (5) year warranty period.

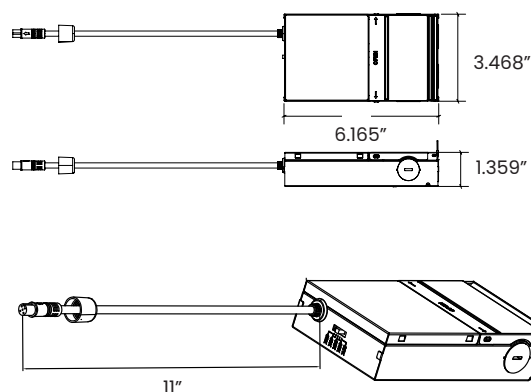
**LABEL:** Fixture is certified to UL standards by Intertek Testing Laboratory for Non-IC installations. IP65 Rating per IEC60598, IK10 Listed per IEC60068-2-75. Certified for NSF2 Splash Zone/ Non-Food Zones.

## DIMENSIONAL DATA



	D1	D2	D3	D4	D5
4 inch	5.4"	4.6"	3.8"	3.17"	2.5"
6 inch	6.98"	6.3"	5.57"	4.77"	4.17"

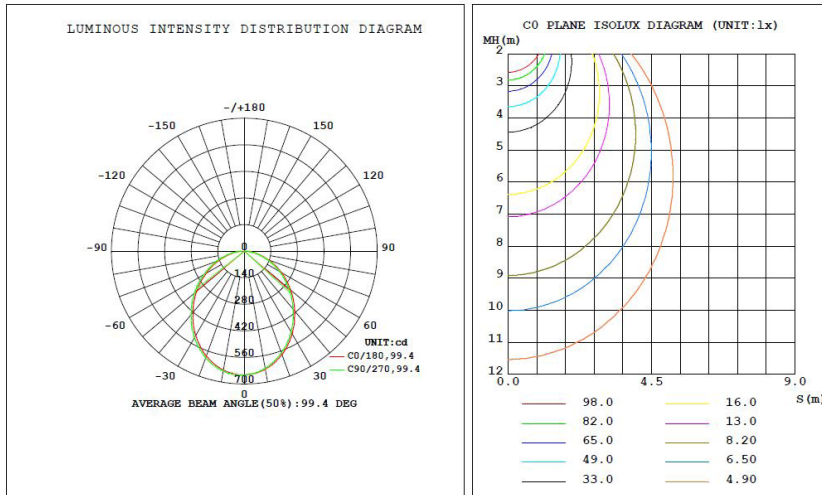
## DRIVER DIAGRAM



## PHOTOMETRIC CURVE

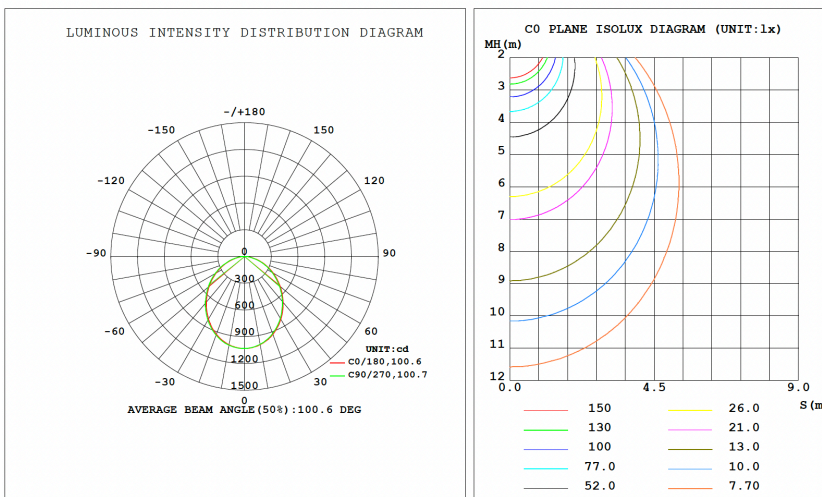
### 4" in. Downlight

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	654.6	S/MH (C0/180)	1.18
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	1.21
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1628.8	η UP, DN (C0-180)	0.0, 47.9
NOMINAL FLUX (lm)	1628.81	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 52.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35



### 6" in. Downlight

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	1032	S/MH (C0/180)	1.18
NOMINAL POWER (W)	24	LOR (%)	100.0	S/MH (C90/270)	1.20
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	2595.0	η UP, DN (C0-180)	0.0, 49.2
NOMINAL FLUX (lm)	2595.04	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.8
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35



**New Star Lighting**

2225 W Pershing Rd, Chicago, IL 60609  
(773) 847-1400  
www.newstarlighting.com

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

© 2025, New Star Lighting. All rights reserved. Unauthorized duplication or distribution is prohibited.

## PERFORMANCE DATA

### 4" in. Downlight

SIZE	CCT	CRI	LUMENS	WATTS	EFFICIENCY
CCADL4	27	90	1574	17.0	92.6
	30	90	1683	16.7	100.6
	35	90	1742	16.5	105.9
	40	90	1787	16.8	106.4
	50	90	1800	17.1	105.4
	Amber	1700	11.9	0.53	22.5

### 6" in. Downlight

SIZE	CCT	CRI	LUMENS	WATTS	EFFICIENCY
CCADL6	27	90	2588	23.6	109.5
	30	90	2699	23.4	115.5
	35	90	2808	23.0	121.9
	40	90	2893	23.4	123.6
	50	90	2935	23.8	123.1
	Amber	1707	9.8	0.51	19.1



**New Star Lighting**

2225 W Pershing Rd, Chicago, IL 60609  
(773) 847-1400  
www.newstarlighting.com

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

© 2025, New Star Lighting. All rights reserved. Unauthorized duplication or distribution is prohibited.