

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

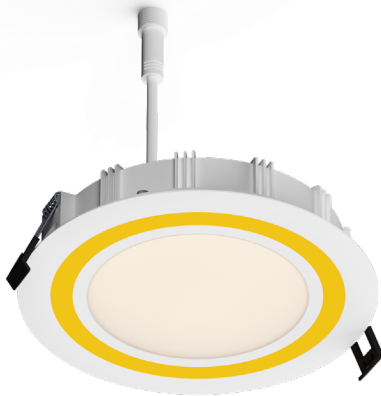
TYPE: \_\_\_\_\_

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-H-4-CCT-90-T-MW-DTD-UNV



CCADL				CCT	90C	T
Series	Aperture 4 = 4 inch 6 = 6 inch	Lens H = .125" White Frosted Acrylic	Lumen Output 4" = 1500lm 6" = 2000lm  *White CCT output only	Color Temp. 2700K - 5000K Field Selectable	CRI 90C = 90 CRI	Trim T = Trimless

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

## 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:** .125" White Frosted Acrylic diffuse for even illumination.

**LED:** LED module 90 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. 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.

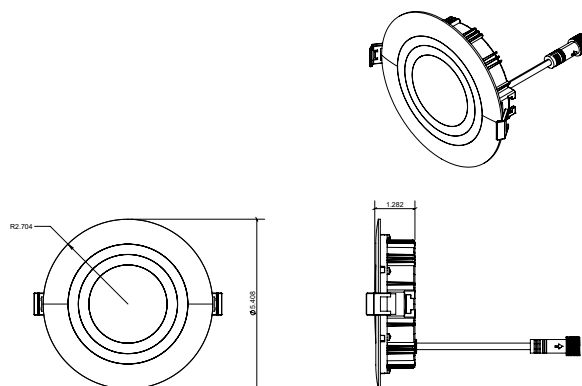
**INSTALLATION:** Recessed drywall installation. Precision-formed spring blades secure module with friction fit to compatible housings.

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

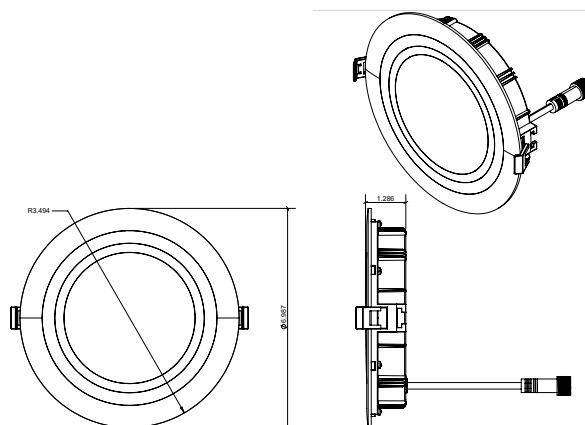
**LABEL:** Fixture is certified to UL standards by Intertek Testing Laboratory for Non-IC installations. IP65 Rating per IEC60598, IK10 Listed per IEC60068-2-75. Certified for NSF2 Splash Zone/ Non-Food Zones.

## DIMENSIONAL DATA

### 4" in. Downlight



### 6" in. Downlight



The CompleteCare™ Amber Downlight Series is covered by our New Star Promise.

Our promise means we will repair or replace any of our High Abuse or Vandal-Resistant architectural luminaires when installed according to our instructions for the life of the original installation if the fixture should fail due to physical abuse\*.

\*Damage caused by gunfire and chemical reactions is not covered by the New Star Promise.



**New Star Lighting**

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

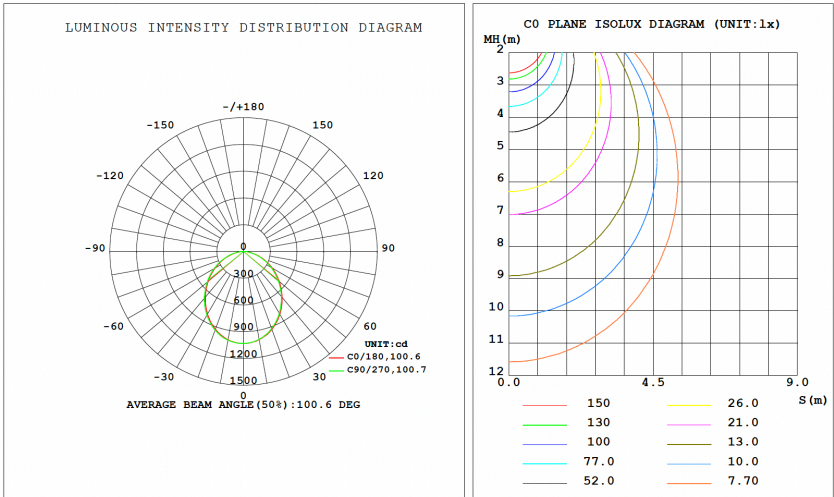
Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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PHOTOMETRIC CURVE

4" in. Downlight

DATA OF LAMP			PHOTOMETRIC DATA		
MODEL			Imax (cd)	1032	S/MH (C0/180)
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



6" in. Downlight

DATA OF LAMP			PHOTOMETRIC DATA		
MODEL			Imax (cd)	1032	S/MH (C0/180)
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

