NDICLED3S-25LN

3-inch new construction downlight with a patented 3-in-1 design that supports a variety of options for a broad range of applications.

Color: N/A

Weight: 10.4 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	25W
120V:	0.24A	Color Temp:	4000K
208V:	0.15A	Color Accuracy:	80 CRI
240V:	0.13A	L70 Lifespan:	100,000
277V:	0.11A	Lumens:	884 - 1860
Input Watts:	27W	Efficacy:	33 LPW
Efficiency:	93%		

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Technical Specifications

Listings

UL Listing:

Suitable for wet locations in a covered ceiling (adjustable models suitable for damp locations).

Optical

Photometrics:

Photometrics are based on prorated reports. Contact the RAB Lighting Design department for the most up-to-date data.

Optics:

High-efficiency TIR optics. Available as a downlight (80° or 50° beam), adjustable (40° or 20° beam with 40° vertical adjustment and 360° rotation), or a wall washer.

Construction

IC Rating:

Suitable for direct contact with insulation

Trim:

Accepts cones with trim

Housing Component:

This component must be ordered with New Construction Round Trim Module in order to make a complete fixture.

Cold Weather Starting:

Minimum starting temperature is -40° F (-40° C)

Maximum Ambient Temperature:

Suitable for use in 104° F (40°C) ambient temperatures

Housing:

Cold-rolled steel and aluminum

Installation:

Nailer bar and butterfly brackets included; C-channels optional for acoustic tiles

Green Technology:

Mercury and UV free. RoHS compliant components.

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Color Consistency:

2-step u'-v' Circle Tolerance, previously referred to as 2-step MacAdam Ellipse, achieves consistent fixture-to-fixture color (ANSI standard C78.377.2015)

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.24A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A

Dimming Driver:

Universal dimming driver supports TRIAC, ELV and 0-10V.

Surge Protection:

2kV

Performance:

80° white: 1641 lumens, 62 lm/W
50° white: 1712 lumens, 65 lm/W
40°A white: 1831 lumens, 70 lm/W
20°A white: 1792 lumens, 68 lm/W
WW white: 1195 lumens, 45 lm/W

80° matte: 1649 lumens, 62 lm/W
50° matte: 1715 lumens, 65 lm/W
40°A matte: 1860 lumens, 71 lm/W
20°A matte: 1823 lumens, 69 lm/W
WW matte: 1237 lumens, 47 lm/W

80° black: 1377 lumens, 52 lm/W
50° black: 1593 lumens, 61 lm/W
40°A black: 1751 lumens, 67 lm/W
20° black: 1695 lumens, 64 lm/W
WW black: 884 lumens, 34 lm/W

Other

Aperture Size:

3" Rough-In

Special Order:

Available in battery backup option by special request. Contact RAB customer service to order.

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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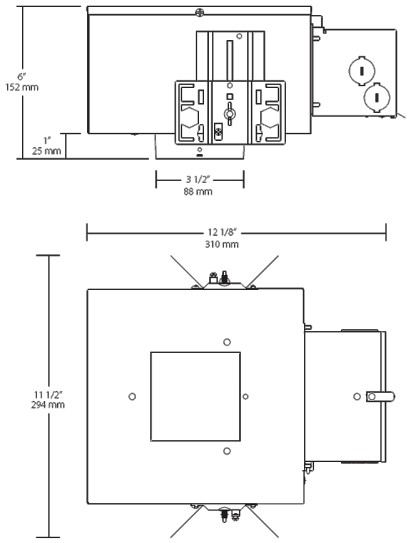
Dimensions



Features

- 3-in-1 housing accommodates downlight, adjustable or wall washer
- Universal driver supports TRIAC, ELV and 0-10 dimming
- IC-rated, Certified Air Tight
- 100,000 hour LED lifespan
- 5-year no-compromise warranty

Ordering Matrix

Family	Size	Shape	Wattage	Driver	Color Temp	CRI	Trim	Installation
NDICLED	3	S	25	L	N			
	3 = 3"	**S** = Square	**25** = 25W **15** = 15W	**D** = TRIAC, ELV, 0-10V Dimming **L** = Lutron	**N** = 4000K (Neutral) **YN** = 3500K (Warm Neutral) **Y** = 3000K (Warm) **YY** = 2700K (Residential Warm)	**Blank** = 80 CRI **HC** = 90 CRI	**Blank** = Accepts cones with trim **TL** = Accepts trimless cones (spackle flange included)	**Blank** = Standard **CP** = Chicago Plenum

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