NDICLED3R-15DNHC

RAB LIGHTING

Project:	**Type:**
Prepared By:	**Date:**

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

Driver Info

Type:	Constant Current
120V:	0.12A
208V:	0.08A
240V:	0.07A
277V:	0.06A
Input Watts:	15W
Efficiency:	N/A

LED Info

Watts:	15W
Color Temp:	4000K
Color Accuracy:	90 CRI
L70 Lifespan:	100,000
Lumens:	422 - 1019
Efficacy:	28 LPW

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: 0.12A, 208V: 0.08A, 240V: 0.07A, 277V: 0.06A

Dimming Driver:

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

Surge Protection:

2kV

Performance:

80° white: 897 lumens, 61 lm/W
50° white: 928 lumens, 64 lm/W
40°A white: 985 lumens, 68 lm/W
20°A white: 970 lumens, 66 lm/W
WW white: 617 lumens, 42 lm/W

80° matte: 902 lumens, 62 lm/W
50° matte: 935 lumens, 64 lm/W
40°A matte: 1019 lumens, 70 lm/W
20°A matte: 1003 lumens, 69 lm/W
WW matte: 650 lumens, 45 lm/W

80° black: 693 lumens, 48 lm/W
50° black: 839 lumens, 58 lm/W
40°A black: 943 lumens, 65 lm/W
20° black: 944 lumens, 65 lm/W
WW black: 422 lumens, 29 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:

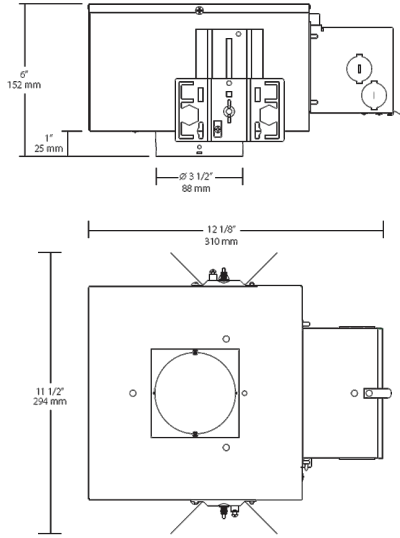This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

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.

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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Dimensions

6"
152 mm

1"
25 mm

∅ 3 1/2"
88 mm

12 1/8"
310 mm

11 1/2"
294 mm

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	R	15	D	N	HC		
	3 = 3"	**R** = Round	**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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