NDICLED3R-15DYYHC

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:	2700K
Color Accuracy:	90 CRI
L70 Lifespan:	100,000
Lumens:	See Table Below*
Efficacy:	0 LPW

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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°C (-40°F)

Maximum Ambient Temperature:

SuitableFor use in 40°C (104°F) 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.

Performance Table*:

The performance table below shows photometric data for this rough-in with the following trim modules:
NDTRIM 80° white: 822 lm, 56 lm/W
NDTRIM 50° white: 850 lm, 58 lm/W
NDTRIM 40° adjustable white: 903 lm, 62 lm/W
NDTRIM 20° adjustable white: 889 lm, 61 lm/W
NDTRIM Wall Wash white: 565 lm, 39 lm/W

NDTRIM 80° matte silver: 827 lm, 57 lm/W
NDTRIM 50° matte silver: 857 lm, 59 lm/W
NDTRIM 40° adjustable matte silver: 934 lm, 64 lm/W
NDTRIM 20° adjustable matte silver: 919 lm, 63 lm/W
NDTRIM Wall Wash matte silver: 595 lm, 41 lm/W

NDTRIM 80° black: 635 lm, 44 lm/W
NDTRIM 50° black: 768 lm, 53 lm/W
NDTRIM 40° adjustable black: 864 lm, 60 lm/W
NDTRIM 20° adjustable black: 865 lm, 59 lm/W
NDTRIM Wall Wash black: 387 lm, 27 lm/W

Surge Protection:

2kV

Other

Aperture Size:

3" Rough-In

Special Order:

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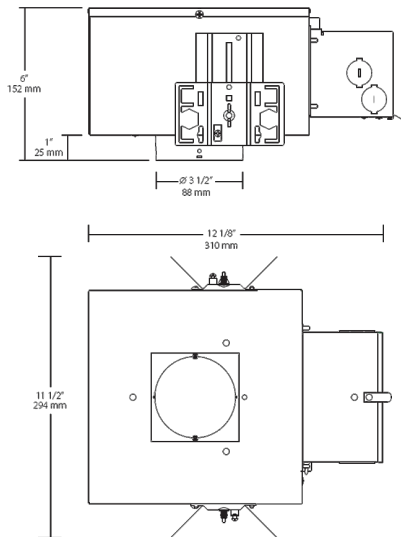
Warranty:

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.

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

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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	R	15	D	YY	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