NDICLED3R-25LYY-CP

RAB
LIGHTING

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

Type:	Constant Current
120V:	0.24A
208V:	0.15A
240V:	0.13A
277V:	0.11A
Input Watts:	26W
Efficiency:	96%

LED Info

Watts:	25W
Color Temp:	2700K
Color Accuracy:	80 CRI
L70 Lifespan:	100,000
Lumens:	See Table Below*
Efficacy:	0 LPW

Technical Specifications

Listings

UL Listing:

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

CCEA Compliant:

Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

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: 0.24A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A

Dimming Driver:

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

Surge Protection:

2kV

Performance Table*:

The performance table below shows photometric data for this rough-in with the following trim modules:
NDTRIM 80° white: 1429 lm, 55 lm/W
NDTRIM 50° white: 1478 lm, 57 lm/W
NDTRIM 40° adjustable white: 1569 lm, 60 lm/W
NDTRIM 20° adjustable white: 1545 lm, 59 lm/W
NDTRIM Wall Wash white: 982 lm, 38 lm/W

NDTRIM 80° matte silver: 1437 lm, 55 lm/W
NDTRIM 50° matte silver: 1489 lm, 58 lm/W
NDTRIM 40° adjustable matte silver: 1623 lm, 62 lm/W
NDTRIM 20° adjustable matte silver: 1598 lm, 62 lm/W
NDTRIM Wall Wash matte silver: 1035 lm, 40 lm/W

NDTRIM 80° black: 1104 lm, 43 lm/W
NDTRIM 50° black: 1336 lm, 51 lm/W
NDTRIM 40° adjustable black: 1502 lm, 58 lm/W
NDTRIM 20° adjustable black: 1504 lm, 58 lm/W
NDTRIM Wall Wash black: 673 lm, 26 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.

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

6"
152 mm

1"
25 mm

Ø 3 1/2"
88 mm

12 1/8"
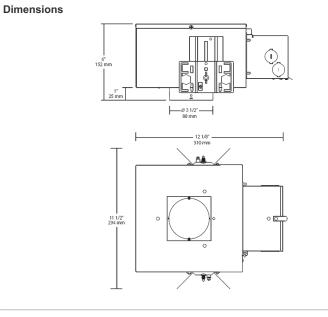310 mm

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	25	L	YY			CP
	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