NDICLED3R-25DYYHC





Project:		Type: Date: LED Info		
Prepared	By:			
Driver Info				
Туре:	Constant Current	Watts:	25W	
120V:	0.24A	Color Temp:	2700K	
	0.15A	Color Accuracy:	90 CRI	
208V:				
240V:	0.13A	L70 Lifespan:	100,000	
240V: 277V:	0.11A	Lumens:	See Table Below*	
240V:			,	



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 upto-date data.

Optics:

High-efficiency TIR optics. Available as a downlight $(80^{\circ} \text{ or } 50^{\circ} \text{ beam})$, adjustable $(40^{\circ} \text{ or } 20^{\circ} \text{ beam with } 40^{\circ} \text{ vertical adjustment and } 360^{\circ} \text{ rotation})$, 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 fixtureto-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: 1195 lm, 47 lm/W NDTRIM 50° white: 1236 lm, 48 lm/W NDTRIM 40° adjustable white: 1312 lm, 51 lm/W NDTRIM 20° adjustable white: 1292 lm, 51 lm/W NDTRIM Wall Wash white: 821 lm, 32 lm/W

NDTRIM 80° matte silver: 1202 lm, 47 lm/W NDTRIM 50° matte silver: 1246 lm, 49 lm/W NDTRIM 40° adjustable matte silver: 1357 lm, 53 lm/W NDTRIM 20° adjustable matte silver: 1337 lm, 52 lm/W NDTRIM Wall Wash matte silver: 866 lm, 34 lm/W

NDTRIM 80° black: 923 lm, 36 lm/W NDTRIM 50° black: 1117 lm, 44 lm/W NDTRIM 40° adjustable black: 1256 lm, 49 lm/W NDTRIM 20° adjustable black: 1257 lm, 49 lm/W NDTRIM Wall Wash black: 563 lm, 22 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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Features

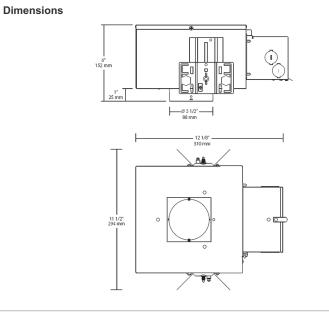
3-in-1 housing accommodates downlight, adjustable or wall washer

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	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