# NDICLED3R-25LNHC-CP





Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	25W	
120V:	0.24A	Color Temp:	4000K	
208V:	0.15A	Color Accuracy:	90 CRI	
240V:	0.13A	L70 Lifespan:	100,000	
277V:	0.11A	Lumens:	See Table Below*	
Input Watts:	26W	Efficacy:	0 LPW	
Efficiency:	96%			
Efficiency:	96%			



## **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 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 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: 1305 lm, 51 lm/W NDTRIM 50° white: 1349 lm, 53 lm/W

NDTRIM  $40^\circ$  adjustable white: 1432 lm, 56 lm/W NDTRIM  $20^\circ$  adjustable white: 1410 lm, 55 lm/W NDTRIM Wall Wash white: 896 lm, 35 lm/W

NDTRIM 80° matte silver: 1312 lm, 51 lm/W NDTRIM 50° matte silver: 1359 lm, 53 lm/W

NDTRIM 40° adjustable matte silver: 1481 lm, 58 lm/W NDTRIM 20° adjustable matte silver: 1459 lm, 57 lm/W NDTRIM Wall Wash matte silver: 945 lm, 37 lm/W

NDTRIM 80° black: 1008 lm, 39 lm/W NDTRIM 50° black: 1219 lm, 47 lm/W

NDTRIM 40° adjustable black: 1371 lm, 53 lm/W NDTRIM 20° adjustable black: 1372 lm, 53 lm/W NDTRIM Wall Wash black: 614 lm. 24 lm/W

#### Other

### Aperture Size:

3" Rough-In

## Special Order:

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

#### Warrantv:

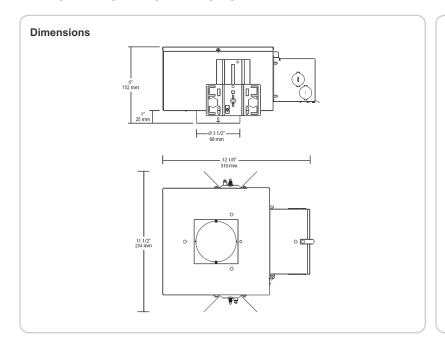
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

## **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	L	N	НС		CP
	<b>3</b> = 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