NDICLED3R-25LN-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: | 80 CRI |
| 240V: | 0.13A | L70 Lifespan: | 100,000 |
| 277V: | 0.11A | Lumens: | See Table Below* |
| Input Watts: | 26W | Efficacy: | 0 LPW |
| 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: 1657 lm, 63 lm/W NDTRIM 50° white: 1713 lm, 65 lm/W

NDTRIM 40° adjustable white: 1819 lm, 69 lm/W NDTRIM 20° adjustable white: 1791 lm, 68 lm/W NDTRIM Wall Wash white: 1138 lm, 44 lm/W

NDTRIM 80° matte silver: 1666 lm, 64 lm/W NDTRIM 50° matte silver: 1726 lm, 66 lm/W

NDTRIM 40° adjustable matte silver: 1881 lm, 72 lm/W NDTRIM 20° adjustable matte silver: 1852 lm, 71 lm/W NDTRIM Wall Wash matte silver: 1200 lm, 46 lm/W

NDTRIM 80° black: 1280 lm, 49 lm/W NDTRIM 50° black: 1548 lm, 59 lm/W

NDTRIM 40° adjustable black: 1741 lm, 67 lm/W NDTRIM 20° adjustable black: 1743 lm, 67 lm/W NDTRIM Wall Wash black: 780 lm, 30 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:

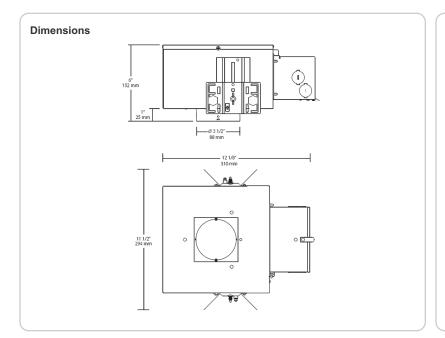
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

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 | | | СР | |
| | 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 | |