

# NDICLED3R-25DN



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:     | 4000K            |
| 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).

### 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:

Suitable for 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.

#### 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.

## 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         | 25                   | D   | N   |                               |  |   |
|         | 3 = 3" | R = Round | 25 = 25W<br>15 = 15W | D = TRIAC, ELV, 0-10V Dimming<br>L = Lutron | N = 4000K (Neutral)<br>YN = 3500K (Warm Neutral)<br>Y = 3000K (Warm)<br>YY = 2700K (Residential Warm) | Blank = 80 CRI<br>HC = 90 CRI | Blank = Accepts cones with trim<br>TL = Accepts trimless cones (spackle flange included) | Blank = Standard<br>CP = Chicago Plenum |