

NDICLED3R-25DYHC



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: | 3000K |
| Color Accuracy: | 90 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: 1298 lm, 50 lm/W

NDTRIM 50° white: 1342 lm, 52 lm/W

NDTRIM 40° adjustable white: 1425 lm, 55 lm/W

NDTRIM 20° adjustable white: 1403 lm, 54 lm/W

NDTRIM Wall Wash white: 892 lm, 35 lm/W

NDTRIM 80° matte silver: 1305 lm, 51 lm/W

NDTRIM 50° matte silver: 1352 lm, 53 lm/W

NDTRIM 40° adjustable matte silver: 1474 lm, 57 lm/W

NDTRIM 20° adjustable matte silver: 1451 lm, 56 lm/W

NDTRIM Wall Wash matte silver: 940 lm, 37 lm/W

NDTRIM 80° black: 1002 lm, 39 lm/W

NDTRIM 50° black: 1214 lm, 47 lm/W

NDTRIM 40° adjustable black: 1364 lm, 53 lm/W

NDTRIM 20° adjustable black: 1365 lm, 53 lm/W

NDTRIM Wall Wash black: 611 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.

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 | Y | 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 |