## NDLED4RD-50YNHC-B-B

# RAB



High-end, new construction LED downlights in 4" make installation a breeze when you're framing out a space from the ground up or when you have access from the top of the ceiling.

Color: Black trim black cone

Weight: 1.2 lbs

## **Technical Specifications**

## Compliance

## UL Listed:

Suitable for wet locations covered ceiling

## Construction

#### Trim Component:

This component must be ordered with New Construction Round Rough-In in order to make a complete fixture. <u>See here for New Construction</u> <u>Round Rough-In.</u>

#### Housing:

Professional-grade, die-cast aluminum construction

Trim Ring: Black powder coated die cast trim ring

**Trim Cone:** Black round trim cone

#### **Drop Ceiling Installation:**

NDLED can be installed in drop ceiling tiles when using optional c-channel bars and following local construction codes

## Aperture Size:

4" Trim Module

#### Junction Box:

Integral junction box with wiring capacity for Min 90°C supply conductors 4 in 4 out

#### Easy Installation:

The EZ-Connector makes installation easy

## Electrical

#### **Dimming Driver:**

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only). See dimmer compatibility guide here.

#### Dimming:

Dimmable. Requires rough-in with dimming driver.

## Optical

**Optics:** 50° beam spread with specular thermoplasic optics and Nanostructure lens technology for smooth light output and high efficiency

## LED Characteristics

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Driver Info	LED Info
Prepared By:	Date:
Project:	Туре:

	Туре	Sold Separately	Watts	N/A
	120V	N/A	Color Temp	3500K (Warm
	208V	N/A	color remp	Neutral)
	240V	N/A	Color Accuracy	90 CRI
	277V	N/A	L70 Lifespan	100,000 Hours
	Input Watts	nput Watts See Rough-in*		N/A
·		5	Efficacy	N/A

## Other

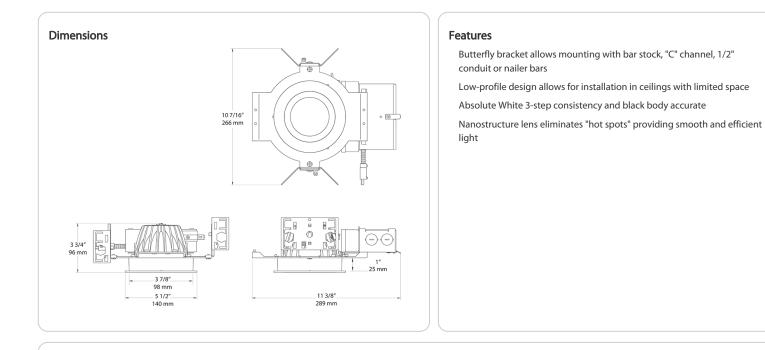
#### Warranty:

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. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty.</u>

#### **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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## **Ordering Matrix**

Family	Size	Shape	Driver	Beam Spread	Color Temp	CRI	Cone Color	Trim Color
NDLED	4	R	D	50	YN	HC	В	В
	<b>4</b> = 4"	<b>R =</b> Round	<b>D</b> = Universal Dimming	50 = 50 degrees 80 = 80 degrees W = Wall Washer	$\begin{array}{l} \mathbf{YY} = 2700 \text{K Residential Warm} \\ \mathbf{Y} = 3000 \text{K Warm} \\ \mathbf{YN} = 3500 \text{K Warm Neutral} \\ \mathbf{N} = 4000 \text{K Neutral} \end{array}$	<b>Blank =</b> 82 CRI <b>HC =</b> 92 CRI	S = Specular M = Matte Silver W = White B = Black	S = Silver W = White B = Black