NDLED6RD-80YN-W-W

RAB



High-end, new construction LED downlights in 6" 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: White trim white cone

Weight: 2.4 lbs

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations covered ceiling

Energy Star Approved:

ENERGY STAR® Version 2.0 Certified

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: White powder coated die cast trim ring

Trim Cone:

White 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:

6" Trim Module

Easy Installation: The EZ-Connector makes installation easy

Junction Box:

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

Air Tight:

Housing certified Air Tight as per ASTM E283

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:

80° 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

Prepared By:	Date:
Project:	Туре:

Driver Info			LED Info			
	Туре	Sold Separately	Watts	N/A		
	120V	N/A	Color Temp	3500K (Warm		
	208V	N/A		Neutral)		
	240V	N/A	Color Accuracy	80 CRI		
	277V	N/A	L70 Lifespan	100,000 Hours		
	Input Watts	See Rough-in*	Lumens	N/A		
	-	-	Efficacy	N/A		

Other

Warranty:

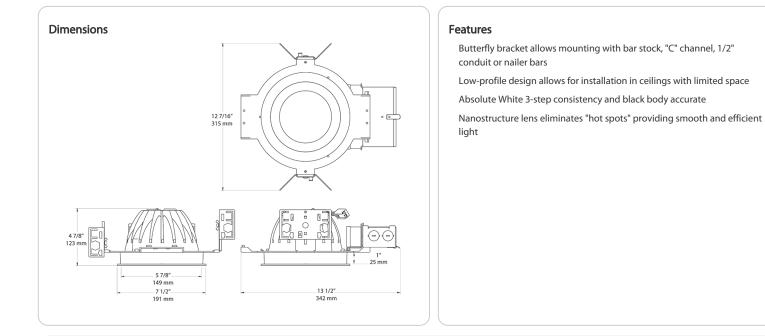
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions 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	6	R	D	80	YN		W	W
	6 = 6"	R = Round	D = Universal Dimming	50 = 50 degrees 80 = 80 degrees W = Wall Washer	$\begin{array}{l} \mathbf{YY} = 2700 \text{K Residential Warm} \\ \mathbf{Y} = 3000 \text{K Warm} \\ \mathbf{YN} = 3500 \text{K Warm Neutral} \\ \mathbf{N} = 4000 \text{K Neutral} \end{array}$	Blank = 82 CRI HC = 92 CRI	S = Specular M = Matte Silver W = White B = Black	S = Silver W = White B = Black