# NDLED4RD-80N-W-W





High-performance LED downlight module for use with RAB new construction roughin. Microprismatic diffusion lens optimizes lumen output and delivers smooth, uniform illumination that enhances any space.

Color: White cone white trim

# Weight: 1.2 lbs

## **Technical Specifications**

#### Listings

#### UL Listed:

Suitable for wet locations covered ceiling.

#### ENERGY STAR:

This product is ENERGY STAR® qualified.

#### Optical

#### **Photometrics:**

Photometrics are based on prorated reports. Contact the RAB Lighting Design department for the most upto-date data.

#### **Optics:**

80° beam spread with specular thermoplasic optics and Nanostructure lens technology for smooth light output and high efficiency.

#### Construction

#### **Trim Component:**

This component must be ordered with New Construction Round Rough-In in order to make a complete fixture.

#### 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.

Efficiency:

N/A

#### 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:

Dimmable. Requires rough-in with dimming driver.

#### **Dimming Driver:**

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only).

# LED Characteristics

### Color Consistency:

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

## Other

### California Title 24:

NDLED4R complies with 2013 California Title 24 building and electrical codes as a residential indoor fixture and commercial indoor fixture for general spaces.

Project:		Туре:	
Prepared	Ву:	Date:	
Driver Info		LED Info	
Туре:	See Rough-in*	Watts:	12W or 20W*
120V:	See Rough-in*	Color Temp:	4000K
208V:	See Rough-in*	Color Accuracy:	80 CRI
240V:	See Rough-in*	L70 Lifespan:	100000
277V:	See Rough-in*	Lumens:	12W:1315*
Input Watts:	See Rough-in*		20W:1764*

Efficacy:

N/A

#### 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.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### **Trade Agreements Act Compliant:**

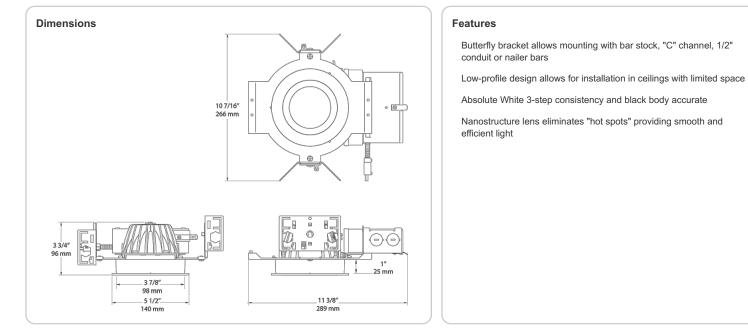
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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# Ordering Matrix

Family	Size	Shape	Driver	Beam Spread	Color Temp	CRI	Cone Color	Trim Color
NDLED	4	R	D	80	Ν		W	W
	<b>4</b> = 4"	R = Round	<b>D</b> = Universal Dimming	<b>50</b> = 50° <b>80</b> = 80° <b>W</b> = Wall Washer	YY = 2700K (Residential Warm) Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	<b>Blank =</b> 82 CRI <b>HC =</b> 92 CRI	S = Silver M = Matte Silver W = White B = Black	S = Silver W = White B = Black