# NDLED4SD-50NHC-B-B



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: Black cone black trim

Weight: 1.2 lbs

# **Technical Specifications**

# Listings

# UL Listed:

Suitable for wet locations covered ceiling.

# Optical

# **Photometrics:**

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

### **Optics:**

50° 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 Square Rough-In in order to make a complete fixture.

### Housing:

Professional-grade, die-cast aluminum construction.

# Trim Ring:

Black powder coated die cast trim ring.

#### Trim Cone:

Black square trim cone.

#### Drop Ceiling Installation:

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

**Project:** 

Efficiency:

### **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.

#### Prepared By: Date: **Driver Info** LED Info See Rough-in\* Watts: 12W or 20W\* Type: 120V: See Rough-in\* Color Temp: 4000K 208V: See Rough-in\* Color Accuracy: 90 CRI 240V: See Rough-in\* 100000 L70 Lifespan: 277V: See Rough-in\* Lumens: 12W:795\* See Rough-in\* 20W:1102\* Input Watts:

Efficacy:

N/A

Type:

# Other

N/A

# California Title 24:

NDLED4S complies with 2013 California Title 24 building and electrical codes as a residential indoor fixture and commercial indoor fixture for general spaces.

#### 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.

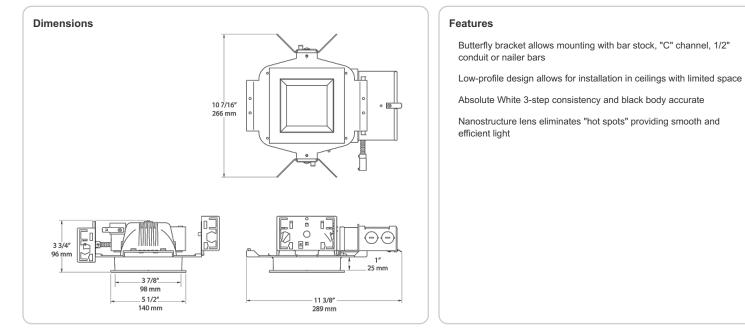
# **GSA Schedule:**

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	S	D	50	Ν	HC	В	В
	<b>4</b> = 4"	S = Square	<b>D</b> = Universal Dimming	50 = 50° 80 = 80° W = 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	B = Black S = Silver W = White

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