# NDLED4SD-50Y-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:**

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:

White powder coated die cast trim ring.

### Trim Cone:

White 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.

### 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:

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

| Project:     |               | Туре:           | Туре:       |  |  |  |
|--------------|---------------|-----------------|-------------|--|--|--|
| Prepared     | Ву:           | Date:           |             |  |  |  |
| Driver Info  |               | LED Info        |             |  |  |  |
| Туре:        | See Rough-in* | Watts:          | 12W or 20W* |  |  |  |
| 120V:        | See Rough-in* | Color Temp:     | 3000K       |  |  |  |
| 208V:        | See Rough-in* | Color Accuracy: | 80 CRI      |  |  |  |
| 240V:        | See Rough-in* | L70 Lifespan:   | 100000      |  |  |  |
| 277V:        | See Rough-in* | Lumens:         | 12W:1133*   |  |  |  |
| Input Watts: | See Rough-in* |                 | 20W:1563*   |  |  |  |
| Efficiency:  | N/A           | 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:**

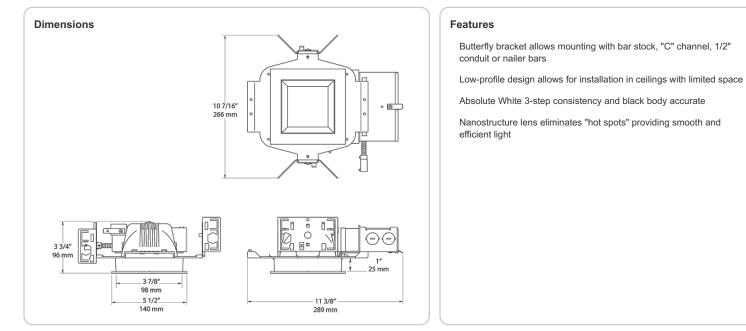
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

### 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             | S          | D                            | 50                                      | Y   |   | W  | W                                    |
|        | <b>4</b> = 4" | S = Square | <b>D</b> = Universal Dimming | 50 = 50°<br>80 = 80°<br>W = Wall Washer | YY = 2700K (Residential Warm)<br>Y = 3000K (Warm)<br>YN = 3500K (Warm Neutral)<br>N = 4000K (Neutral) | <b>Blank =</b> 82 CRI<br><b>HC =</b> 92 CRI | S = Silver<br>M = Matte Silver<br>W = White<br>B = Black | B = Black<br>S = Silver<br>W = White |

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