# NDLED4SD-80YHC-B-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: Black cone white trim Weight: 1.2 lbs

| Project:     | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info  |               | LED Info        |             |
|--------------|---------------|-----------------|-------------|
| Type:        | See Rough-in* | Watts:          | 12W or 20W* |
| 120V:        | See Rough-in* | Color Temp:     | 3000K       |
| 208V:        | See Rough-in* | Color Accuracy: | 90 CRI      |
| 240V:        | See Rough-in* | L70 Lifespan:   | 100000      |
| 277V:        | See Rough-in* | Lumens:         | 12W:693*    |
| Input Watts: | See Rough-in* |                 | 20W:956*    |
| Efficiency:  | N/A           | Efficacy:       | N/A         |

# **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:

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 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:**

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.

#### **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.

#### 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:**

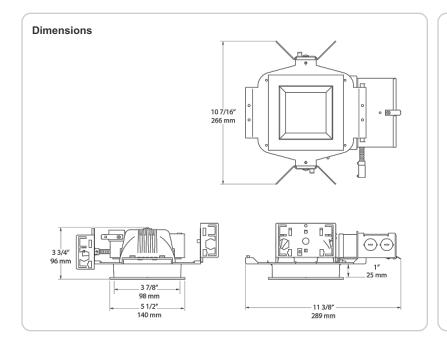
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

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## **Features**

Butterfly bracket allows mounting with bar stock, "C" channel, 1/2" conduit or nailer bars

Low-profile design allows for installation in ceilings with limited space

Absolute White 3-step consistency and black body accurate

Nanostructure lens eliminates "hot spots" providing smooth and efficient light

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