# NDLED6SD-80YN-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

**Technical Specifications** 

Suitable for wet locations covered ceiling.

Photometrics are based on prorated reports. Contact

the RAB Lighting Design department for the most up-

80° beam spread with specular thermoplasic optics

and Nanostructure lens technology for smooth light

Professional-grade, die-cast aluminum construction.

NDLED can be installed in drop ceiling tiles when

using optional c-channel bars and following local

This component must be ordered with New Construction Square Rough-In in order to make a

Black powder coated die cast trim ring.

Listings

Optical

**UL Listed:** 

**Photometrics:** 

output and high efficiency.

to-date data.

Construction

complete fixture.

Housing:

Trim Ring:

Trim Cone:

Black square trim cone.

construction codes.

**Drop Ceiling Installation:** 

**Trim Component:** 

**Optics:** 

# **Aperture Size:**

Weight: 2.0 lbs

6" Trim Module.

# Easy Installation:

The EZ-Connector makes installation easy.

Project:

**Driver Info** 

Type: 120V:

208V:

240V:

277V:

Input Watts: Efficiency:

Prepared By:

#### Junction Box:

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

### Electrical

Dimming:

Dimmable. Requires rough-in with dimming driver.

**Dimming Driver:** 

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

# Other

Air Tight:

Housing certified Air Tight as per ASTM E283

# California Title 24:

NDLED6S 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:

See Rough-in\*

See Rough-in\*

See Rough-in\*

See Rough-in\*

See Rough-in\*

See Rough-in\*

N/A

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

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:

#### **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.

#### **LED Characteristics**

#### **Color Consistency:**

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



20W or 26W\*

3500K

80 CRI

100000

N/A

20W:1462\*

26W:1931\*

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# Features

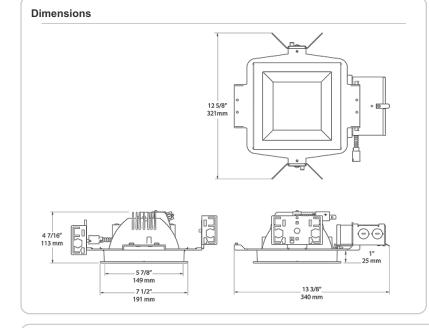
Butterfly bracket allows mounting with bar stock, "C" channel, 1/2" conduit or nailer bars

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

Available with 82 or 92 CRI



# Ordering Matrix

Family	Size	Shape	Driver	Beam Spread	Color Temp	CRI	Cone Color	Trim Color
NDLED	6	S	D	80	YN		В	В
	<b>6</b> = 6"	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	S = Silver W = White B = Black