## NDLED6SD-50NHC-M-S



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: Matte silver cone silver trim

## **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:

Silver powder coated die cast trim ring.

#### Trim Cone:

Matte silver 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.

Efficiency:

N/A

#### **Aperture Size:**

6" Trim Module.

Weight: 2.0 lbs

#### Easy Installation:

The EZ-Connector makes installation easy.

#### 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.

#### **Project:** Type: Prepared By: Date: **Driver Info** LED Info See Rough-in\* Watts: 20W or 26W\* Type: 120V: See Rough-in\* Color Temp: 4000K 208V See Rough-in\* Color Accuracy: 90 CRI 240V: See Rough-in\* L70 Lifespan: 100000 277V: See Rough-in\* Lumens: 20W:1654\* See Rough-in\* 26W:2184\* Input Watts:

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.

#### **LED Characteristics**

#### **Color Consistency:**

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



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## Features

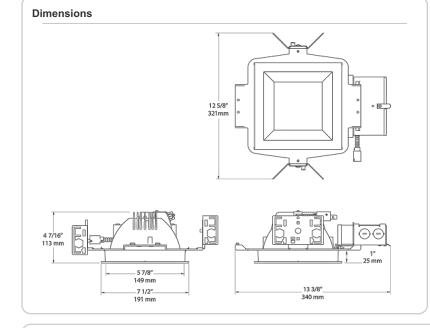
Butterfly bracket allows mounting with bar stock, "C" channel, 1/2" conduit or nailer bars

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	50	Ν	HC	М	S
	<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