# NDLED6S-50YN-M-W





High-end, new construction LED downlights in 4" and 6" make installation a breeze when you're framing out a space from the ground up or when you have access from the top of the ceiling. 90 CRI.

Color: Matte silver cone white trim Weight: 2.5 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Sold Separately	Watts:	0W
120V:	N/A	Color Temp:	3500K
208V:	N/A	Color Accuracy:	90 CRI
240V:	N/A	L70 Lifespan:	100,000
277V:	N/A	Lumens:	N/A
Input Watts:	0W	Efficacy:	N/A
Efficiency:	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:

50° beam spread with specular thermoplasic optics and Nanostructure lens technology for smooth light output and high efficiency.

# Other

# **Trim Component:**

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

#### Dimming:

Dimmable. Requires rough-in with dimming driver.

## 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:**

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.

## Construction

# Housing:

Professional-grade, die-cast aluminum construction.

#### Trim Ring:

White 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.

#### **Aperture Size:**

6" Trim Module.

## 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

#### **LED Characteristics**

# Color Consistency:

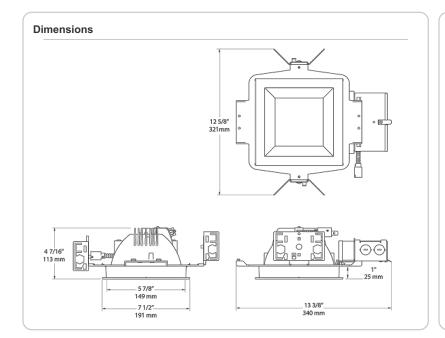
3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

# **Color Accuracy:**

90 CRI

# NDLED6S-50YN-M-W





## **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

90 CRI

Family	Size	Shape	Beam Spread	Color Temp	
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Fami	ily	Size	Shape	Beam Spread	Color Temp	Cone Color	Trim Color
NDL	ED	6	S	50	YN	М	W
	<b>4</b> = 4" <b>S</b> = Square		<b>50</b> = 50°	YY = 2700K (Residential Warm)	S = Silver	S = Silver	
		<b>6</b> = 6"		<b>80</b> = 80°	<b>Y</b> = 3000K (Warm)	W = White	W = White
				W = Wall Washer	YN = 3500K (Warm Neutral)	<b>B</b> = Black	<b>B</b> = Black