# NDLED6SD-50YN-S-W



Date:

LED Info

# **Driver Info**

Туре:	See Rough-in*	Watts:		
120V:	See Rough-in*	Color Temp:		
208V:	See Rough-in*	Color Accuracy:		
240V:	See Rough-in*	L70 Lifespan:		
277V:	See Rough-in*	Lumens:		
Input Watts:	See Rough-in*			
Efficiency:	N/A	Efficacy:		

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: Specular silver cone white 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:

White powder coated die cast trim ring.

#### Trim Cone:

Specular 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.

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.

#### 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.



20W or 26W\*

3500K

80 CRI

100000

N/A

20W:2006\* 26W:2649\*

# NDLED6SD-50YN-S-W



# Features

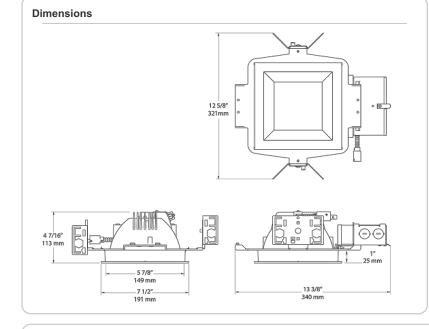
Butterfly bracket allows mounting with bar stock, "C" channel, 1/2" conduit or nailer bars

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

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	YN		S	W
	<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