# NDLED6SD-80YHC-B-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: Black cone silver trim Weight: 2.0 lbs

Project:	Туре:
Prepared By:	Date:

<b>Driver Info</b>		LED Info	
Type:	See Rough-in*	Watts:	20W or 26W*
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:	20W:1139*
Input Watts:	See Rough-in*		26W:1504*
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:

Silver 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:**

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

# 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.

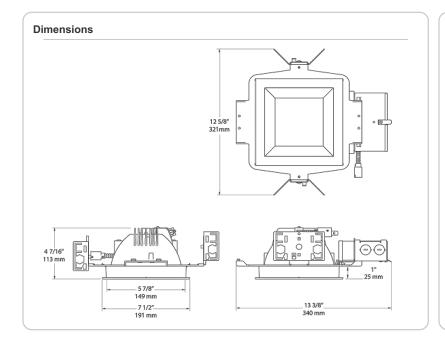
## **LED Characteristics**

# **Color Consistency:**

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

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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

C	Ordering Matrix											
	Family	Size	Shape	Driver	Beam Spread	Color Temp	CRI	Cone Color	Trim Color			
	NDLED	6	S	D	80	Υ	HC	В	s			
		<b>6</b> = 6"	S = Square	<b>D</b> = Universal Dimming	<b>50</b> = 50° <b>80</b> = 80° <b>W</b> = 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			