# NDLED4SD-50YYHC-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: 1.2 lbs

# **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.

# 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.

Efficiency:

#### **Aperture Size:**

4" Trim Module.

# Junction Box:

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

### Easy Installation:

The EZ-Connector makes installation easy.

# Electrical

# Dimming:

Dimmable. Requires rough-in with dimming driver.

### **Dimming Driver:**

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

# LED Characteristics

# Color Consistency:

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

#### **Project:** Type: Prepared By: Date: **Driver Info** LED Info See Rough-in\* Watts: 12W or 20W\* Type: 120V: See Rough-in\* Color Temp: 2700K 208V: See Rough-in\* Color Accuracy: 90 CRI 240V: See Rough-in\* 100000 L70 Lifespan: 277V: See Rough-in\* Lumens: 12W:656\* See Rough-in\* 20W:909\* Input Watts:

Efficacy:

N/A

# Other

N/A

# California Title 24:

NDLED4S 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.

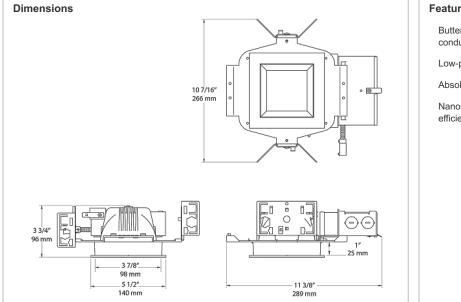
# GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.



# NDLED4SD-50YYHC-B-S





# 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

Ordering Ma	trix
-------------	------

Family	Size	Shape	Driver	Beam Spread	Color Temp	CRI	Cone Color	Trim Color
NDLED	4	S	D	50	YY	HC	В	В
	<b>4</b> = 4"	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	B = Black S = Silver W = White