NDLED6SD-80YNHC-M-S

RAB LIGHTING

Project:		Type:	
Prepared By:		**Date:**	

High-performance LED downlight module for use with RAB new construction rough-in. Microprismatic diffusion lens optimizes lumen output and delivers smooth, uniform illumination that enhances any space.

Color: Matte silver cone silver trim   Weight: 2.0 lbs

Driver Info

Type:	See Rough-in*
120V:	See Rough-in*
208V:	See Rough-in*
240V:	See Rough-in*
277V:	See Rough-in*
Input Watts:	See Rough-in*
Efficiency:	N/A

LED Info

Watts:	20W or 26W*
Color Temp:	3500K
Color Accuracy:	90 CRI
L70 Lifespan:	100000
Lumens:	20W:1510*
	26W:1994*
Efficacy:	N/A

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 up-to-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:

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

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:

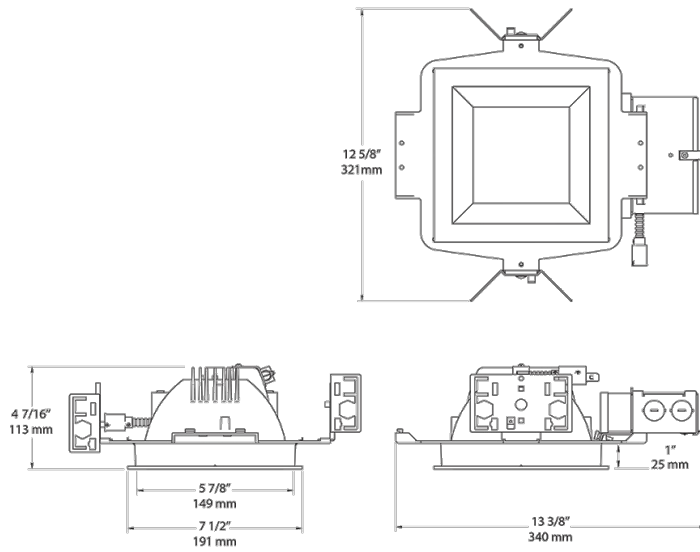Suitable in accordance with FAR Subpart 25.4.

LED Characteristics

Color Consistency:

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

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Dimensions

12 5/8"
321mm

4 7/16"
113 mm

5 7/8"
149 mm

7 1/2"
191 mm

1"
25 mm

13 3/8"
340 mm

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	80	YN	HC	M	S
	6 = 6"	**S** = Square	**D** = Universal Dimming	**50** = 50° **80** = 80° **W** = Wall Washer	**YY** = 2700K (Residential Warm) **Y** = 3000K (Warm) **YN** = 3500K (Warm Neutral) **N** = 4000K (Neutral)	**Blank** = 82 CRI **HC** = 92 CRI	**S** = Silver **M** = Matte Silver **W** = White **B** = Black	**S** = Silver **W** = White **B** = Black