NDLED6SD-50YY-B-W



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 white trim

Technical Specifications

Suitable for wet locations covered ceiling.

Photometrics are based on prorated reports. Contact

the RAB Lighting Design department for the most up-

50° beam spread with specular thermoplasic optics

and Nanostructure lens technology for smooth light

Professional-grade, die-cast aluminum construction.

NDLED can be installed in drop ceiling tiles when

using optional c-channel bars and following local

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

White powder coated die cast trim ring.

Listings

Optical

UL Listed:

Photometrics:

output and high efficiency.

to-date data.

Construction

complete fixture.

Housing:

Trim Ring:

Trim Cone:

Black square trim cone.

construction codes.

Drop Ceiling Installation:

Trim Component:

Optics:

Aperture Size:

Weight: 2.0 lbs

6" Trim Module.

Easy Installation:

The EZ-Connector makes installation easy.

Project:

Driver Info

Type: 120V:

208V:

240V:

277V:

Input Watts: Efficiency:

Prepared By:

See Rough-in*

See Rough-in*

See Rough-in*

See Rough-in*

See Rough-in*

See Rough-in*

N/A

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.





Color Accuracy: L70 Lifespan: Lumens:

Type:

Date:

LED Info

Color Temp:

Efficacy:

Watts:

20W or 26W* 2700K 80 CRI 100000 20W:1302* 26W:1720* N/A

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Features

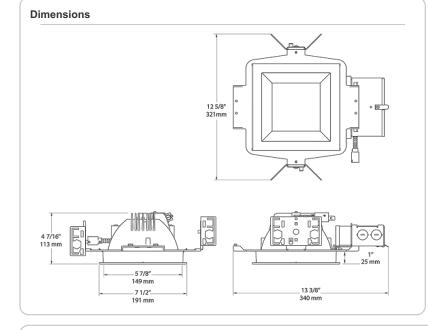
Butterfly bracket allows mounting with bar stock, "C" channel, 1/2" conduit or nailer bars

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



Ordering Matrix

Family	Size	Shape	Driver	Beam Spread	Color Temp	CRI	Cone Color	Trim Color
NDLED	6	S	D	50	YY		В	W
	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