



High-end, new construction LED downlights in 4" and 6" make installation a breeze when you're framing out a space from the ground up or when you have access from the top of the ceiling. 90 CRI.

Color: Black cone black trim

Weight: 2.5 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

## Driver Info

Type: Sold Separately  
120V: N/A  
208V: N/A  
240V: N/A  
277V: N/A  
Input Watts: 0W  
Efficiency: N/A

## LED Info

Watts: 0W  
Color Temp: 3500K  
Color Accuracy: 90 CRI  
L70 Lifespan: 100,000  
Lumens: 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 up-to-date data.

#### Optics:

50° beam spread with specular thermoplastic optics and Nanostructure lens technology for smooth light output and high efficiency.

### Other

#### Trim Component:

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

#### Dimming:

Dimmable. Requires rough-in with dimming driver.

#### 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.

### Construction

#### Housing:

Professional-grade, die-cast aluminum construction.

#### Trim Ring:

Black 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

### LED Characteristics

#### Color Consistency:

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

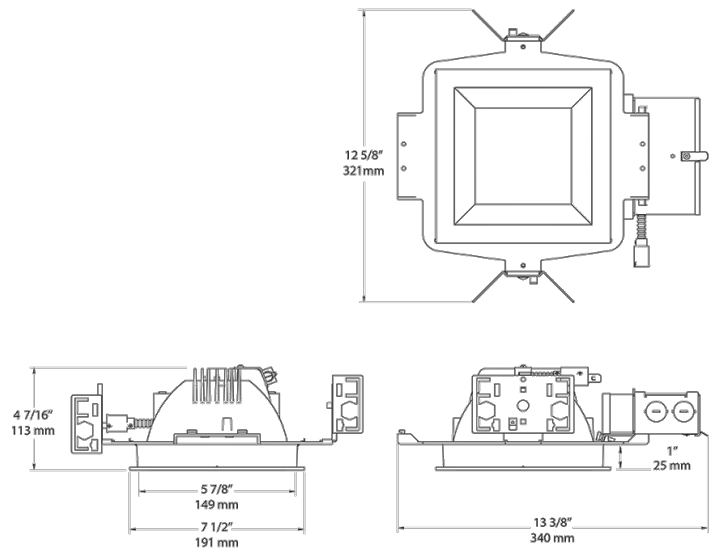
#### Color Accuracy:

90 CRI

NDLED6S-50YN-B-B



Dimensions



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
- 90 CRI

Ordering Matrix

| Family | Size   | Shape      | Beam Spread     | Color Temp                    | Cone Color | Trim Color |
|--------|--------|------------|-----------------|-------------------------------|------------|------------|
| NDLED  | 6      | S          | 50              | YN                            | B          | B          |
|        | 4 = 4" | S = Square | 50 = 50°        | YY = 2700K (Residential Warm) | S = Silver | S = Silver |
|        | 6 = 6" |            | 80 = 80°        | Y = 3000K (Warm)              | W = White  | W = White  |
|        |        |            | W = Wall Washer | YN = 3500K (Warm Neutral)     | B = Black  | B = Black  |