



Easy to install 4" and 6" rough-in with die-cast aperture ring, removable driver, thermal protector and adjustable butterfly brackets. This rough-in is designed to make new construction recessed downlighting easy 90 CRI.

Color: N/A

Weight: 8.0 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

## Driver Info

Type: Constant Current  
120V: 0.12A  
208V: 0.08A  
240V: 0.07A  
277V: 0.06A  
Input Watts: 0W  
Efficiency: N/A

## LED Info

Watts: 12W  
Color Temp: Sold Separately  
Color Accuracy: 90 CRI  
L70 Lifespan: N/A  
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.

### Construction

#### Housing Component:

This component must be ordered with New Construction Square Trim Module in order to make a complete fixture.

#### Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

#### Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

#### Aperture Size:

4" Rough-In.

#### Drop Ceiling Installation:

NDLED can be installed in drop ceiling tiles when using optional c-channel bars and following local construction codes.

#### Junction Box:

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

#### Butterfly Brackets:

The Butterfly bracket allows to mount with the following 1/4 x 1/2" bar stock, C Channel, 1/2" conduit, or nailer bars.

#### Easy Installation:

The EZConnector makes installation easy.

#### Thermal Protector:

Thermal protector included. Disables power if temperature exceeds safe operation levels.

### Electrical

#### Emergency Battery Backup:

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

#### Driver:

On/Off Non-Dimming, Constant Current, Class 2, 100-277V, 50/60Hz, 4KV Surge Protection, 350mA, 100-240VAC 0.3-0.15A 277VAC 0.15A, Power Factor 99%, THD ≤ 20%.

#### Dimming Driver:

Dimmer must be compatible to the driver.

### Other

#### Equivalency:

DLED 12W is equivalent to 75W R30.

#### Air Tight:

Housing certified Air Tight as per ASTM E283

### 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:

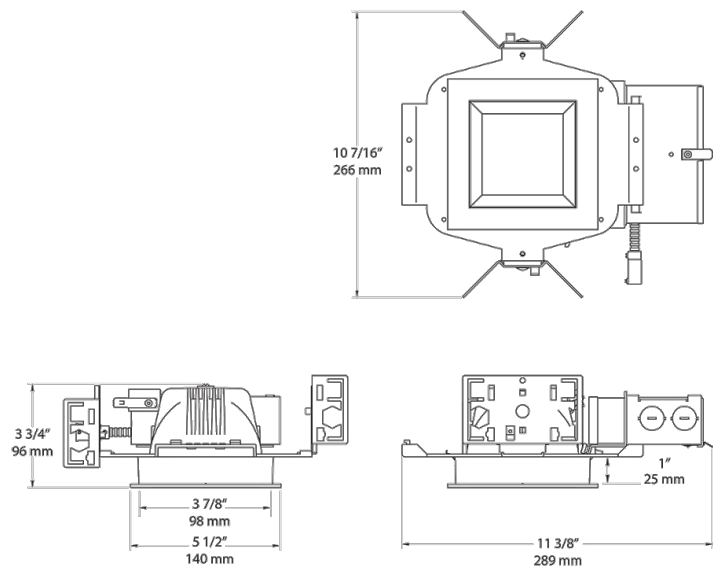
Suitable in accordance with FAR Subpart 25.4.

### LED Characteristics

#### Color Accuracy:

90 CRI

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
- Sturdy design with die cast aperture frame
- 90 CRI

Ordering Matrix

Family	Type	Size	Shape	Watts	Dimming Driver	Battery Backup
ND	^	4	S	12	F	/E2
	Blank = Standard IC = Insulation Contact (IC)	4 = 4" 6 = 6"	S = Square	12 = 12W 20 = 20W 26 = 26W	Blank = Triac Driver E = ELV Driver L = Lutron Driver F = 120V-277V Driver	Blank = No Battery Backup /E2 = 120-277V Backup