# RDLED6S26D-50YY-M-B



Remodeler Square 4" & 6" Black Trim with Matte Silver Cone downlights provide an ultra performance, high-end solution for adding recessed lighting to existing ceilings.

Color: Matte silver cone black trim

## **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 upto-date data.

## **Optics:**

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

### **Spacing Criteria:**

0-180° (along): 0.82 90-270° (across): 0.80 diagonal: 0.84.

## Electrical

## Driver:

ELV, 0-10V and TRIAC Dimming, Constant Current, Class 2, 120V-277V, 50/60Hz, Power Factor 98%, THD  $\leq$  20%.

## **LED Characteristics**

### LED:

Long-life, high-output LED module. Binned for natural white light to match incandescent and 3-step MacAdam Ellipse consistency.

## Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### Correlated Color Temp. (Nominal CCT):

2700K Residential Warm.

## Color Consistency:

Weight: 2.0 lbs

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

Input Watts:

Efficiency:

29W

89%

## Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

## Construction

Ambient Temperature: Suitable for use in 40°C ambient temperatures.

#### -----

Cold Weather Starting:

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

## Trim Ring:

Black powder coated die cast trim ring.

#### Trim Cone:

Matte silver square trim cone.

## Lens:

Nanostructure lens eliminates "hot spots", and helps provide smooth, uniform light and higher efficiency.

#### Junction Box:

Integral junction box with wiring capacity for Min 90°C supply conductors 2 in 2 out

#### Housing:

Professional-grade, die-cast aluminum construction.

#### **Easy Installation:**

Easy installation with ceiling clamps.

## Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

## Other Equivalency:

RDLED 26W is equivalent to 100W PAR.

#### Air Tight:

Housing certified Air Tight as per ASTM E283

## Absolute White™:

A unique binning process designed to match incandescent at each color temperature. It's 3-step consistent, very stable over time and looks the way you expect light to look.

### California Title 24:

RDLED6S26F complies with 2013 California Title 24 building and electrical codes as a residential indoor fixture. See RDLED models with dimming drivers for products that comply as commercial indoor fixtures for general spaces. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

#### 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.



75 LPW

#### **Project:** Type: Prepared By: Date: **Driver Info** LED Info Constant Current Watts: 26W Type: 120V: 0.24A Color Temp: 2700K 208V 0.14A Color Accuracy: 80 CRI 240\/-100000 0.13A L70 Lifespan: 277V: 0.12A Lumens: 2.193

Efficacy:



## **Technical Specifications (continued)**

## Other

## **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:**

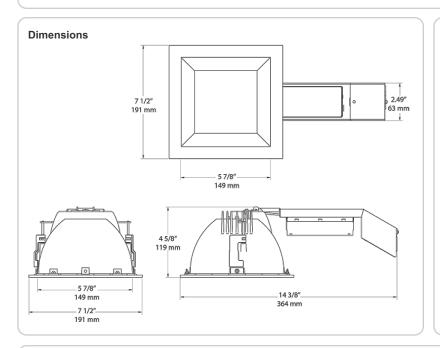
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

## 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.



## Features

High performance, high efficiency alternative to incandescent lighting

Integrated ceiling clamps make installation fast and secure for ceiling up to 1 1/4" thick

Nanostructure lens eliminates "hot spots" providing smooth and efficient light

Low-profile design allows for installation in ceilings with limited space

Absolute White<sup>™</sup> natural light output

Ordering Matrix									
Family	Size	Shape	Watts	Driver Option	Beam Spread	Color Temp	CRI	Cone Color	Trim Colo
RDLED									
	<b>6</b> = 6" <b>4</b> = 4"	<b>S</b> = Square	<b>12</b> = 12W (4" only)	<b>D</b> = Universal Dimming	<b>50</b> = 50° <b>80</b> = 80°	YY = 2700K (Residential Warm)	Blank = 82 CRI	M = Matte Silver	B = Black
			<b>20</b> = 20W		W = Wall	<b>Y</b> = 3000K (Warm)	HC = 92 CRI		
			26 = 26W (6" only)		Washer	<b>YN</b> = 3500K (Warm Neutral)			