# RDLED4S12L-50Y-B-B





Remodeler Square 4" & 6" Black Trim with Black Cone downlights provide an ultra performance, high-end solution for adding recessed lighting to existing ceilings. 90 CRI.

Color: Black cone black trim Weight: 2.5 lbs

Project:	Туре:
Prepared By:	Date:

	rrent Watts:	12W
Type: Constant Cui 120V: 0.122A 208V: 0.078A 240V: 0.068A 277V: 0.059A Input Watts: 15W Efficiency: 83%	Color Temp: Color Accuracy: L70 Lifespan: Lumens: Efficacy:	3000K (Warm) 90 CRI 100,000 865 60 LPW

## **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 upto-date data.

## Optics:

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

### **Electrical**

## Driver:

Provided with Lutron L3DA4U1UKS-HC035 driver, Constant Current, Class 2, 120-277V, 50/60Hz,350mA, 0.7A, Power Factor 90%, THD  $\leq$  20% Minimum Operating Temp 32° F (0° C).

### **Dimming Driver:**

Lutron Hi-Lume Dimming Driver. See compatibility guide

#### **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):

3000 Warm.

## **Color Consistency:**

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

#### 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°F/-40°C.

### Trim Ring:

Black powder coated die cast trim ring.

#### Trim Cone:

Black 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.

## Other

#### Equivalency:

RDLED 12W is equivalent to 75W R30.

#### 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:

RDLED4S12L complies with 2013 California Title 24 building and electrical codes as a residential indoor fixture. It also complies as a commercial indoor fixture for general spaces when used with a vacancy sensor and Lutron dimming control. Select a vacancy sensor using catalog number LVS800. Lutron dimmer provided by others.

### 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).



# **Technical Specifications (continued)**

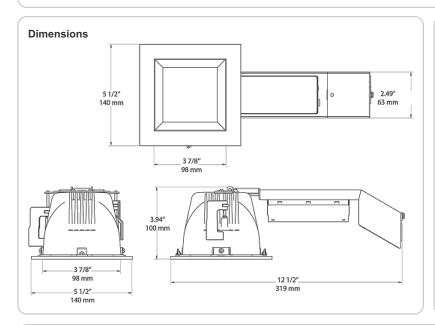
Other

# 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™ natural light output

90 CRI

rdering Matr	rix							
Family	Size	Shape	Watts	Dimming Driver	Beam Spread	Color Temp	Cone Color	Trim Colo
RDLED								
	<b>6</b> = 6" <b>4</b> = 4"	S = Square	<b>12</b> = 12W (4" only) <b>20</b> = 20W	= Triac Driver <b>E</b> = ELV Driver	<b>50</b> = 50° <b>80</b> = 80°	YY = 2700K (Residential Warm) Y = 3000K (Warm)	<b>B</b> = Black	B = Black
			<b>26</b> = 26W (6" only)	L = Lutron Driver F = 120V-277V Driver	W = Wall Washer	YN = 3500K (Warm Neutral)		