# RDLED4S12E-WYN-M-W





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

Color: Matte silver cone white trim

Weight: 2.5 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	12W
120V:	0.118A	Color Temp:	3500K
208V:	0.079A	Color Accuracy:	90 CRI
240V:	0.068A	L70 Lifespan:	100,000
277V:	0.059A	Lumens:	785
Input Watts:	13W	Efficacy:	59 LPW
Efficiency:	90%		

# **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:

Wall wash optics engineered for wide lateral distribution and smooth soft light from ceiling to floor.

## **Spacing Criteria:**

0-180° (along): 1.52 90-270° (across): 0.82 diagonal: 0.56.

# Electrical

## Driver:

Electronic Low Voltage, Constant Current, Class 2, 120-277V, 50/60Hz, 350mA, 120V 0.17A\_\_  $\phi$ \_ $\S$ \_\_  $\phi$ \_ $\S$ \_\_ 277V 0.09A, Power Factor 99.4%, THD  $\leq$  10%.

## **Dimming Driver:**

Electronic Low Voltage compatible dimmer as low as 5%.

# **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):

3500 Warm/Neutral.

# **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.

## **Pivot Swivel:**

Patent-pending pivot swivel for wall washer model maneuvers around joists and enables off-axis lighting.

## Trim Ring

White 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.

# Other

## Equivalency:

Wall washers can be used to replace eyeball trims. 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.

## Patents:

Wall Washer Optics and Pivot Swivel is protected by patents pending in US, Canada, China, Taiwan and Mexico.

## California Title 24:

RDLED4S12E 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 ELV dimming control. Select a vacancy sensor using catalog number LVS800. ELV 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.



# **Technical Specifications (continued)**

Other

## **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:

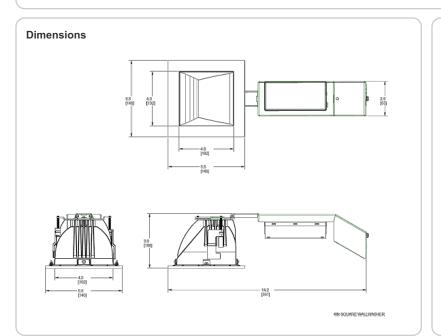
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

## **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.



## **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

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