# RDLED4S12D-WYN-W-S



12W

3500K

80 CRI

100000

85 LPW

1.179



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

Color: White cone silver trim

# **Technical Specifications**

### Listings

#### UL Listed:

Suitable for wet locations covered ceiling.

### **ENERGY STAR:**

This product is ENERGY STAR® gualified.

### 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.

# Electrical

#### Driver:

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

#### **Dimming Driver:**

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only).

#### 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:

Weight: 2.5 lbs

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

**Project:** 

**Driver Info** 

Type

120V:

208V

240\/-

277V:

Input Watts:

Efficiency:

Prepared By:

#### **Color Stability:**

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

# Construction

Suitable for use in 40°C ambient temperatures.

#### Cold Weather Starting:

**Ambient Temperature:** 

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

#### **Pivot Swivel:**

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

### Trim Ring:

Silver powder coated die cast trim ring.

#### Trim Cone:

White 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:

Constant Current

0.12A

0.08A

0.07A

0.06A

14W

87%

Professional-grade, die-cast aluminum construction.

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts

#### 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:

Wall washers can be used to replace eyeball trims. 12W is equivalent to 75W R30.

#### Absolute White<sup>™</sup>:

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:

RDLED4S12 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 TRIAC dimming control. Select a vacancy sensor using catalog number LVS800. TRIAC 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

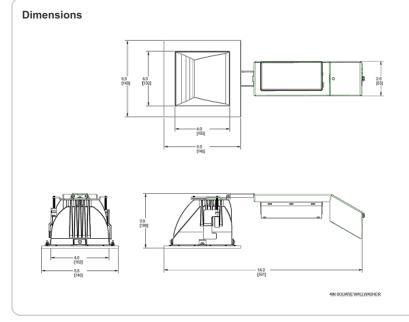
High performance, high efficiency alternative to incandescent lighting

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<sup>™</sup> natural light output



# **Ordering Matrix**

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