



Remodeler Square 4" & 6" Silver 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 silver trim

Weight: 2.5 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| 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 up-to-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  
ϕ  $\bar{S}$  ϕ  $\bar{S}$  277V 0.09A, Power Factor 99.4%, THD ≤ 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 warranted 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:

Silver 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.

## Dimensions



## 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

## Ordering Matrix

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