



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

Color: Specular silver cone black trim

Weight: 2.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: 0.12A
 208V: 0.08A
 240V: 0.07A
 277V: 0.06A
 Input Watts: 14W
 Efficiency: 85%

LED Info

Watts: 12W
 Color Temp: 3000K
 Color Accuracy: 80 CRI
 L70 Lifespan: 100000
 Lumens: 1,391
 Efficacy: 98 LPW

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 up-to-date data.

Optics:

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

Spacing Criteria:

0-180° (along): 0.82

Electrical

Driver:

ELV, 0-10V and TRIAC Dimming, Constant Current, Class 2, 120V-277V, 50/60Hz, Power Factor 98%, THD ≤ 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):

3000 Warm.

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°C/-40°F

Trim Ring:

Black powder coated die cast trim ring.

Trim Cone:

Specular silver round 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 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:

RDLED4R12 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.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

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.

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

Ordering Matrix

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