



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

Color: White cone black trim

Weight: 3.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: 0.175A
 208V: 0.116A
 240V: 0.1A
 277V: 0.087A
 Input Watts: 21W
 Efficiency: 93%

LED Info

Watts: 20W
 Color Temp: 3500K
 Color Accuracy: 90 CRI
 L70 Lifespan: 100,000
 Lumens: 1,099
 Efficacy: 51 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 up-to-date data.

Optics:

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

Electrical

Driver:

Provided with Lutron L3DA4U1UKS-HC050 driver, Constant Current, Class 2, 120-277V, 50/60Hz, 500mA, 0.7A, Power Factor 90%, THD ≤ 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):

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:

Black 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:

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. 20W is equivalent to 100W PAR.

Air Tight:

Housing certified Air Tight as per ASTM E283

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:

RDLED6S20L 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.

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).

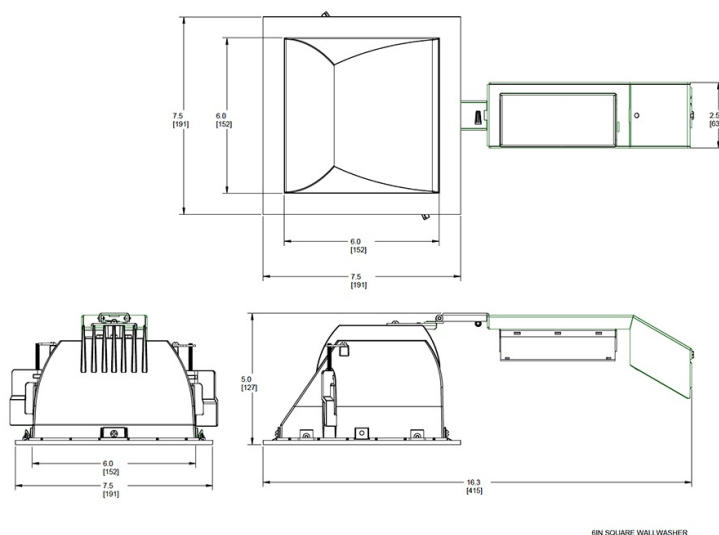
Trade Agreements Act Compliant:

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" 4 = 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 | 50 = 50° 80 = 80° W = Wall Washer | YY = 2700K (Residential Warm) Y = 3000K (Warm) YN = 3500K (Warm Neutral) | S = White | B = Black |