RDLED6S20L-50Y-W-B



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

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:

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

Electrical

Driver:

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

3000 Warm.

Color Consistency:

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

Color Stability:

Weight: 3.5 lbs

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.

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:

RDLED 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.

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.

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.



Project: Type: **Prepared By:** Date: **Driver Info** LED Info Constant Current Watts: 20W Type: 120V: 0.175A Color Temp: 3000K (Warm) 208V. 0.116A Color Accuracy: 90 CRI 240\/-0.1A L70 Lifespan: 100,000 277V: 0.087A Lumens: 1,415 Input Watts: 21W Efficacy: 69 LPW Efficiency: 97%



Technical Specifications (continued)

Other

Dimensions

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

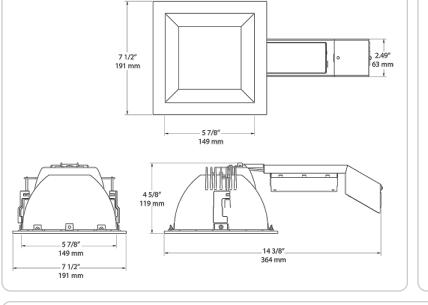
Integrated ceiling clamps make installation fast and secure for ceiling up to 1 1/4" thick

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



Family	Size	Shape	Watts	Dimming Driver	Beam Spread	Color Temp	Cone Color	Trim Colo
RDLED								
	6 = 6"	S = Square	12 = 12W (4" only)	= Triac Driver	50 = 50°	YY = 2700K (Residential Warm)	S = White	B = Blac
	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)		