RDLED6R20D-WY-S-B

RAB LIGHTING

Project:	Type:
Prepared By:	Date:

Driver Info

Type:	Constant Current
120V:	0.17A
208V:	0.11A
240V:	0.10A
277V:	0.09A
Input Watts:	20W
Efficiency:	98%

LED Info

Watts:	20W
Color Temp:	3000K
Color Accuracy:	80 CRI
L70 Lifespan:	100000
Lumens:	1,799
Efficacy:	88 LPW

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: 2.0 lbs

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:

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

Spacing Criteria:

0-180° (along): 1.60.

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 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°C/-40°F

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:

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:

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.

Technical Specifications (continued)

Other

California Title 24:

RDLED6R20 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.

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).
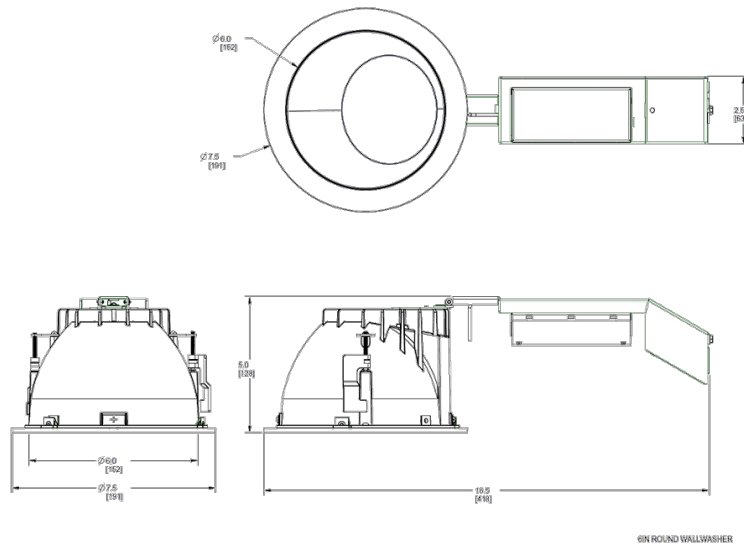
Trade Agreements Act Compliant:

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

6IN ROUND WALLWASHER

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°	YY = 2700K (Residential Warm)	Blank = 82 CRI	S = Specular Silver	B = Black
	4 = 4"		20 = 20W		80 = 80°	Y = 3000K (Warm)	HC = 92 CRI		
			26 = 26W (6" only)		W = Wall Washer	YN = 3500K (Warm Neutral)			

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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