# RDLED2AR8-20YY-TLB





Adjustable lens enables directional lighting for wall washing or accent lighting. Available in flush trim for a trimless look without the mess left behind from ceiling finishing work.

Color: Black trim

Weight: 2.1 lbs

# **Technical Specifications**

#### Listings

#### **UL Listing:**

Suitable for wet locations in a covered ceiling

#### **ENERGY STAR® V2.0:**

This product is ENERGY STAR® Version 2.0 Certified.

#### IESNA LM79 & LM-80 Testing:

RAB LED luminaries have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

## Construction

#### IC Rating:

Suitable for direct contact with insulation

#### Trim Component:

This component can be ordered with New Construction housing in order to make a complete fixture.

#### Maximum Ambient Temperature:

Suitable for use in 104°F (40°C) ambient temperatures

#### **Cold Weather Starting:**

The minimum starting temperature is -40°F/-40°C

#### Lens:

Polycarbonate diffusion lens for smooth light output.

#### Junction Box:

Integral junction box with wiring capacity for Min  $60^\circ\text{C}$  supply conductors End of Run

#### Housing:

Specification-grade, die-cast aluminum construction

#### Installation:

Torsion springs easily install into ceiling collar (remodeler) or rough-in (new construction)

## Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

#### LED Characteristics

#### LEDs:

Long-life, high-efficiency surface mount LEDs

#### **Color Consistency:**

2-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

#### Electrical

#### Driver:

Constant Current, Class 2, 120VAC Only, 50/60Hz, 200mA, 0.08A

#### **Dimming Driver:**

TRIAC and ELV (at 120V only).

# Project: Type: Prepared By: Date: Driver Info LED Info Type: Constant Current Watts: 8W 120V: 0.08A Color Temp: 2700K

1200.	0.00/1	oolor remp.	210010
208V:	N/A	Color Accuracy:	83 CRI
240V:	N/A	L70 Lifespan:	100000
277V:	N/A	Lumens:	644
Input Watts:	9W	Efficacy:	75 LPW
Efficiency:	93%		

Optical

# Optics:

20° beam spread with specular thermoplastic optics

#### **Spacing Criteria:**

0-180° (along): 0.34 90-270° (across): 0.34 diagonal: 0.38

#### Other

#### Trimless Look:

Flush trim for a trimless look without the hassle. Complete ceiling finishing work (spackling, sanding, painting) before installing to ensure a clean trim.

#### Equivalency:

Equivalent to 50W MR16

#### California Title 24:

RDLED2R8 complies with 2013 California Title 24 building and electrical codes 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 ten (10) 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.



# **Technical Specifications (continued)**

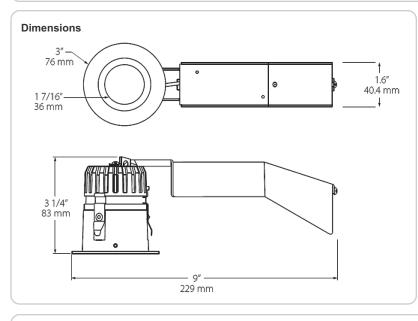
# Other

### Recovery Act (ARRA) Compliant:

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010)



# Features

30° vertical adjustment

Replaces 50W MR16 with energy savings of 84%

TRIAC and ELV dimmer compatibility for additional light control

Precision-engineered optics deliver smooth light without hot spots or glare

Family	Size	Shape	Watts	Beam Spread	Color Temp	CRI	Туре	Finish
RDLED	2	А	8	20	YY		TL	В
	<b>2</b> = 2"	A = Adjustable R = Round	8 = 8W	20 = 20° 30 = 30° 40 = 40° W = Wall Washer	<ul> <li>YY = 2700K (Residential Warm)</li> <li>Y = 3000K (Warm)</li> <li>YN = 3500K (Warm Neutral)</li> <li>N = 4000K (Neutral)</li> </ul>	<b>Blank =</b> 80 CRI <b>HC =</b> 90 CRI	T = 1/2" Trim TL = Trimless Look	<b>B</b> = Black Trin