

product

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: White trim

Weight: 1.8 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

**Driver Info**

Type: Constant Current  
 120V: 0.08A  
 208V: N/A  
 240V: N/A  
 277V: N/A  
 Input Watts: 8W  
 Efficiency: 97%

**LED Info**

Watts: 8W  
 Color Temp: 4000K  
 Color Accuracy: 93 CRI  
 L70 Lifespan: 100000  
 Lumens: 690  
 Efficacy: 83 LPW

## 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 luminaires 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°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)

**Trim Ring:**

White powder coated die cast 1/2" trim ring.

**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 warranted 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).

**Optical**

**Optics:**

20° beam spread with specular thermoplastic optics

**Spacing Criteria:**

0-180° (along): 0.36  
 90-270° (across): 0.36  
 diagonal: 0.36

**Other**

**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:

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

### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4

### Dimensions



### 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

### Ordering Matrix

Family	Size	Shape	Watts	Beam Spread	Color Temp	CRI	Type	Finish
RDLED	2	A	8	20	N	HC	T	W
	2 = 2"	A = Adjustable R = Round	8 = 8W	20 = 20° 30 = 30° 40 = 40° W = Wall Washer	YY = 2700K (Residential Warm) Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	Blank = 80 CRI HC = 90 CRI	T = 1/2" Trim TL = Trimless Look	W = White Trim