



Clean, unobtrusive design delivers smooth and abundant light from an aperture just over 1 inch wide. Available in flush trim for a trimless look without the mess left behind from ceiling finishing work.

Color: Black trim

Weight: 1.5 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: 9W
Efficiency: 90%

LED Info

Watts: 8W
Color Temp: 3000K
Color Accuracy: 83 CRI
L70 Lifespan: 50000
Lumens: 604
Efficacy: 68 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 and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

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.

Ambient Temperature:

Suitable for use in 55°C ambient temperatures

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

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 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:

Black 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 VOCs or toxic heavy metals.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color

LED Characteristics

Lifespan:

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LED:

High-output, long-life LED with 2-step binning and integrated driver technology

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, 0.07A

Dimming Driver:

TRIAC and ELV (at 120V only).

Optical

Optics:

40° beam spread with specular thermoplastic optics

Spacing Criteria:

0-180° (along): 0.68
90-270° (across): 0.68
diagonal: 0.70

Other

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.

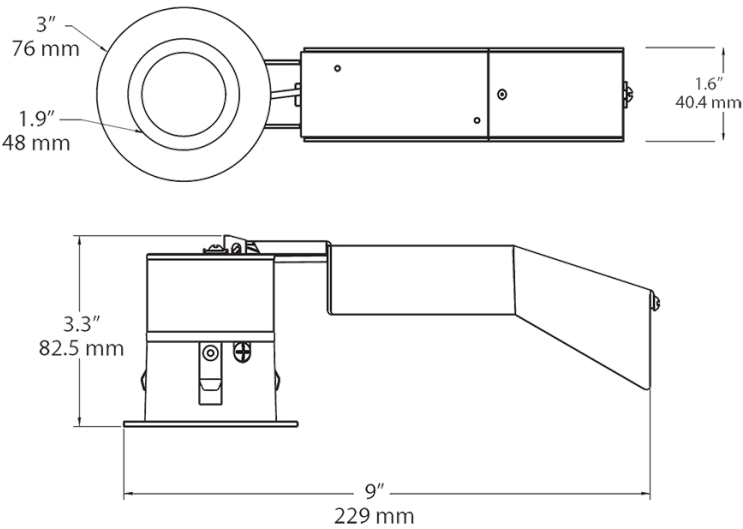
Equivalency:

Equivalent to 50W MR16

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- 8W replaces 50W MR16 with energy savings of 82%
- TRIAC dimmer compatibility for additional light control
- Precision-engineered optics deliver smooth light without hot spots or glare

Ordering Matrix

Family	Size	Shape	Wattage	Beam Spread	Color Temp	CRI	Type	Finish
RDLED	2 = 2"	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 = 82 or 83 CRI HC = 90 CRI	T = 1/2" Trim TL = Trimless Look	B = Black Trim