RDDLED2R-10D-40YYHC-S-BTL

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

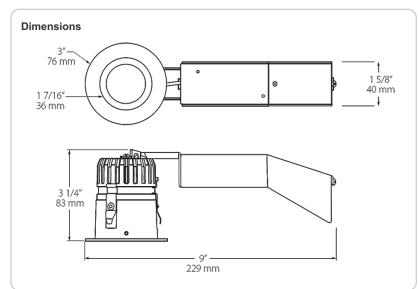### Driver Info
Type:	Constant Current
120V:	0.11A
208V:	0.07A
240V:	0.06A
277V:	0.05A
Input Watts:	12W
Efficiency:	81%

LED Info
Watts:	10W
Color Temp:	2700K
Color Accuracy:	91 CRI
L70 Lifespan:	100000
Lumens:	738
Efficacy:	60 LPW

2" deep regress downlight delivers higher lumen output and reduces glare.

Color: Black trim specular cone   Weight: 2.9 lbs

Technical Specifications

Listings

UL Listing:

Suitable for Wet Locations. Covered Ceiling Mount Only.

ENERGY STAR® V2.0:

This product is ENERGY STAR® Version 2.0 Certified.

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.11A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

Dimming Driver:

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only).

THD:

15.8% at 120V, 27.5% at 277V

Power Factor:

98.5% at 120V, 90.1% at 277V

Surge Protection:

4kV

Optical

Optics:

40° beam

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LEDs:

Long-life, high-efficiency, surface mount LEDs.

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Construction

Cold Weather Starting:

Minimum starting temperature is -35°C (-31°F)

Maximum Ambient Temperature:

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

Housing:

Specification-grade, die-cast aluminum construction

Reflector:

Vacuum metalized polycarbonate

Trim Ring:

Black powder coated die cast trimless ring.

Trim Cone:

Specular silver round trim cone.

Lens:

Optical grade polycarbonate

Green Technology:

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

Other

Replacement:

Replaces 75W MR16

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.

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.

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Dimensions

3″
76 mm

1 7/16″
36 mm

1 5/8″
40 mm

3 1/4″
83 mm

9″
229 mm

Features

10W replaces 75W MR16

Universal dimming (TRIAC, ELV and 0-10V) for optimal light control

Deep regress design improves visual cutoff and reduces glare

Ordering Matrix

Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style
RDDLED	2R	10	D	40	YY	HC	S	B	TL
	2R = 2″ Round	**10** = 10W	**D** = Dim	**20** = 20	**YY** = 2700K (Residential Warm)	**Blank** = 80 CRI	**W** = White	**W** = White	**T** = 1/2″ Trim
	2S = 2″ Square			**30** = 30	**Y** = 3000K (Warm)	**HC** = 90 CRI	**B** = Black	**B** = Black	**TL** = Trimless
				40 = 40	**YN** = 3500K (Warm Neutral)		**S** = Specular	**S** = Silver	
				W = Wall Wash	**N** = 4000K (Neutral)		**M** = Matte	**SA** = Satin Nickel	

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

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