# RDDLED2R-10D-20YN-B-SAT



product

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

Color: Satin aluminum trim black cone

Weight: 2.9 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info			
Type:	Constant Current	Watts:	10W		
120V:	0.11A	Color Temp:	3500K		
208V:	0.07A	Color Accuracy:	83 CRI		
240V:	0.06A	L70 Lifespan:	100000		
277V:	0.05A	Lumens:	903		
Input Watts:	12W	Efficacy:	75 LPW		
Efficiency:	83%				

# **Technical Specifications**

## Listings

## **UL Listing:**

Suitable for Wet Locations. Covered Ceiling Mount Only.

#### **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:

12.9% at 120V, 24.4% at 277V

#### Power Factor:

98.9% at 120V, 91.4% at 277V

## **Surge Protection:**

4kV

## Optical

## Optics:

20° 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:

Satin aluminum powder coated die cast 1/2" trim ring.

#### Trim Cone:

Black 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:

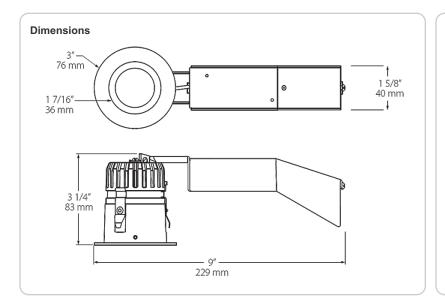
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

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