# RDDLED2R-10D-20YY-B-BTL



Color: Black trim black cone Weight: 2.9 lbs

### **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:

13.5% at 120V, 25.4% at 277V

#### **Power Factor:**

98.9% at 120V, 92.2% 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

Project:	Туре:
Prepared By:	Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:

#### **Driver Info**

Туре:	Constant Current
120V:	0.11A
208V:	0.07A
240V:	0.06A
277V:	0.05A
Input Watts:	12W
Efficiency:	82%

### Trim Ring:

Black powder coated die cast trimless 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.



10W

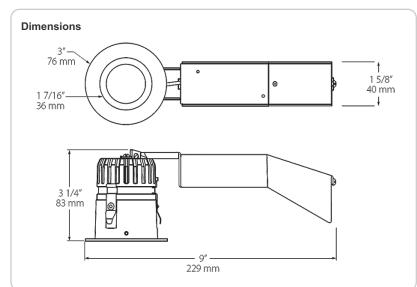
2700K

82 CRI

100000

876 72 LPW

# RDDLED2R-10D-20YY-B-BTL



#### 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

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

