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



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

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

# Project: Type: Prepared By: Date:

# Driver Info

Туре:	Constant Current	١
120V:	0.11A	(
208V:	0.07A	(
240V:	0.06A	l
277V:	0.05A	l
Input Watts:	12W	E
Efficiency:	83%	

# LED Info Watts: Color Temp: Color Accuracy: L70 Lifespan: Lumens: Efficacy:

3500K 83 CRI 100000 903 75 LPW

10W

#### Trim Ring:

Black 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:

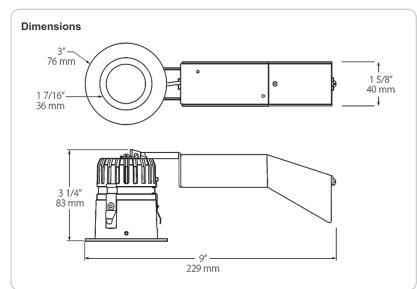
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### **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.



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



# 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	C								
	Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style
	RDDLED	2R	10	D	20	YN		В	В	Т
		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	
					$\mathbf{W}$ = Wall Wash	N = 4000K (Neutral)		M = Matte	SA = Satin Nickel	
C										

