# RDDLED2R-10D-20NHC-B-ST





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

Color: Silver trim black cone

Prepared By: Date:

Type:

Driver Info LED Info

Project:

Type: Constant Current Watts: 10W 120V: 0.11A Color Temp: 4000K 208V: 0.07A Color Accuracy: 93 CRI 240V: 0.06A 100000 L70 Lifespan: 277V: 0.05A Lumens: 770 12W 64 LPW Input Watts: Efficacy: 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:

10.6% at 120V, 24.5% at 277V

#### **Power Factor:**

99.3% at 120V, 91.2% at 277V

## **Surge Protection:**

4kV

## Optical

## Optics:

20° beam

## **LED Characteristics**

#### Lifespan:

Weight: 2.9 lbs

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 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

## Trim Ring:

Silver powder coated die cast 1/2" trim ring.

## Replacement:

Replaces 75W MR16

## Warranty:

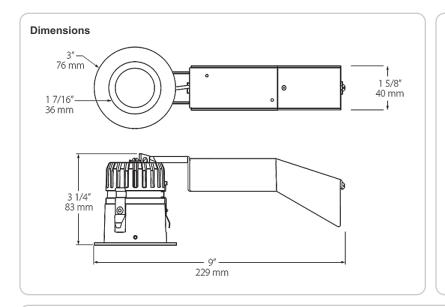
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

## **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										
	Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style
	RDDLED	2R	10	D	20	N	HC	В	S	Т
		<b>2R</b> = 2" Round <b>2S</b> = 2" Square	<b>10</b> = 10W	<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	<ul><li>W = White</li><li>B = Black</li><li>S = Specular</li><li>M = Matte</li></ul>	W = White B = Black S = Silver SA = Satin Nickel	T = 1/2" Trim TL = Trimless