# RDDLED2R-10D-20YHC-M-BTL





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

**Driver Info** 

Project:

Prepared By:

**LED Info** Type: Constant Current Watts: 10W 120V: 0.11A Color Temp: 3000K 208V: 0.07A Color Accuracy: 91 CRI 240V: 0.06A 100000 L70 Lifespan: 277V: 0.05A Lumens: 760 12W 64 LPW Input Watts: Efficacy: Efficiency: 85%

Type:

Date:

deep regress downingin delivers nigher	idilien odiput and reduces giare.
Color: Black trim mate cone	Weight: 2.9 lbs

## **Technical Specifications**

## Listings

#### **UL Listing:**

Suitable for Wet Locations. Covered Ceiling Mount

## **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, 27.2% at 277V

## Power Factor:

98.5% at 120V, 90.2% 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

#### Trim Ring:

Black powder coated die cast trimless ring.

## **Trim Cone:**

White 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:

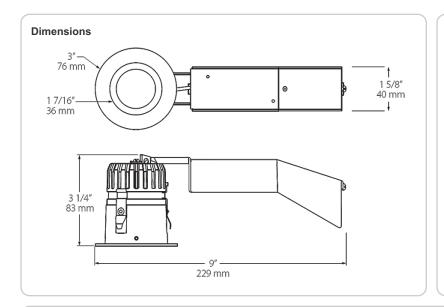
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

# **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-20YHC-M-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

Ordering Matrix	<								
Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style
RDDLED	2R	10	D	20	Y	HC	М	В	TL
	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