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



Color: Black trim mate cone Weight: 2.9 lbs

# **Technical Specifications**

# Listings

#### **UL Listing:**

Suitable for Wet Locations. Covered Ceiling Mount Only.

# **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.

**Project:** 

Input Watts:

Efficiency:

13W

78%

# LEDs:

Long-life, high-efficiency, surface mount LEDs.

# **Color Stability:**

Construction

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

# **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:

Lens:

White round trim cone.

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.

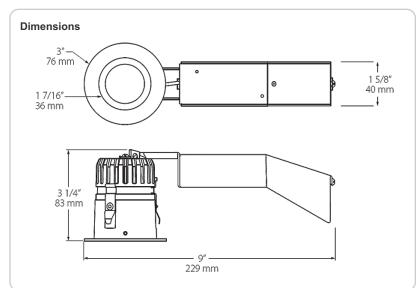


Date: Prepared By: **Driver Info** LED Info Type: Constant Current Watts: 10W 120V: 0.11A Color Temp: 2700K 208V: 0.07A Color Accuracy: 91 CRI 240V: 0.06A 100000 L70 Lifespan: 277V: 0.05A Lumens: 740 57 LPW

Efficacy:

Type:

# RDDLED2R-10D-20YYHC-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

0	Ordering Matrix									
	Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style
	RDDLED	2R	10	D	20	ΥY	HC	М	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)		S = Specular	S = Silver	
					W = Wall Wash	N = 4000K (Neutral)		M = Matte	SA = Satin Nickel	

