# RDDLED2R-10D-40YYHC-W-BTL



Color: Black trim white cone

## **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, 27.3% at 277V

#### **Power Factor:**

98.5% at 120V, 90.2% at 277V

#### Surge Protection:

4kV

## Optical

Optics:

40° beam

### LED Characteristics

#### Lifespan:

Weight: 2.9 lbs

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Project:

**Driver Info** 

Type:

120V:

208V:

240V:

277V:

Input Watts:

Efficiency:

Prepared By:

#### 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:

Constant Current

0.11A

0.07A

0.06A

0.05A

13W

78%

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.

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:

## 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

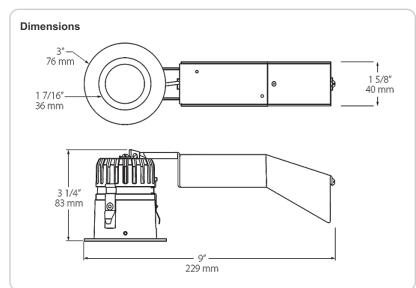
2700K

91 CRI

100000

734 57 LPW

# RDDLED2R-10D-40YYHC-W-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	40	ΥY	HC	W	В	TL
		<b>2R</b> = 2" Round	<b>10</b> = 10W	<b>D</b> = 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	

