# RDDLED2R-10D-40NHC-B-BTL





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

Color: Black trim black cone Weight: 2.9 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info				
Туре	Constant Current	Watts	10W			
120V	0.11A	Color Temp	4000K (Neutral)			
208V	0.07A	Color Accuracy	93 CRI			
240V	0.06A	L70 Lifespan	100,000 Hours			
277V	0.05A	Lumens	743 lm			
Input Watts	12.1W	Efficacy	61.4 lm/W			

# **Technical Specifications**

### Compliance

#### **UL Listed:**

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). See dimmer compatibility guide here.

## THD:

15.8% at 120V, 27.5% at 277V

### **Power Factor:**

98.5% at 120V, 90.1% at 277V

# **Surge Protection:**

4kV

# Optical

### **Optics:**

40°

### Performance

### Lifespan:

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

# **LED Characteristics**

### LEDs:

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

### Color Stability:

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

# Construction

### **Cold Weather Starting:**

Minimum starting temperature is -35°C (-31°F)

### **Maximum Ambient Temperature:**

Suitable for use in up to  $40^{\circ}$ C ( $104^{\circ}$ F)

### Housing

Specification-grade, die-cast aluminum construction

## Reflector:

Vacuum-metalized polycarbonate

### Trim Ring:

Black powder coated die cast trimless ring

#### Trim Cone:

Black round trim cone

### Lens:

Optical grade polycarbonate

## Green Technology:

Mercury and UV free. RoHS-compliant components.

# Other

## Replacement:

Replaces 75W MR16

### Warranty:

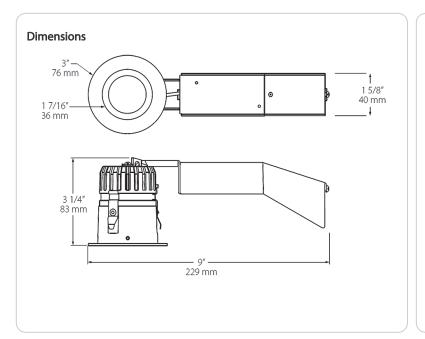
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at <a href="mailto:rableta

# **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	40	N	HC	В	В	TL
	<b>2R</b> = 2" Round <b>2S</b> = 2" Square	<b>10</b> = 10W	<b>D =</b> Universal Dimmer	20 = 20 30 = 30 40 = 40 W = Wall Wash	YY = 2700K Residential Warm Y = 3000K Warm YN = 3500K Warm Neutral N = 4000K Neutral	<b>Blank</b> = 80 CRI <b>HC</b> = 90 CRI	W = White B = Black S = Specular M = Matte	W = White B = Black S = Silver SA = Satin Aluminum	T = 1/2" Trim TL = Trimless