# RDDLED2R-10D-30YNHC-B-ST

# RAB



2" deep regress downlight delivers higher lumen output and reduces glare. Color: Silver 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	3500K (Warm
208V	0.07A	color remp	Neutral)
240V	0.06A	Color Accuracy	94 CRI
277V	0.05A	L70 Lifespan	100,000 Hours
Input Watts	12W	Lumens	721 lm
		Efficacy	60.1 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, 27.6% at 277V

**Power Factor:** 98.5% at 120V, 90.2% at 277V

Surge Protection: 4kV

### Optical

Optics: 30°

## 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°C (104°F)

Housing: Specification-grade, die-cast aluminum construction

**Reflector:** Vacuum-metalized polycarbonate

#### Trim Ring:

Silver powder coated die cast 1/2" trim 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

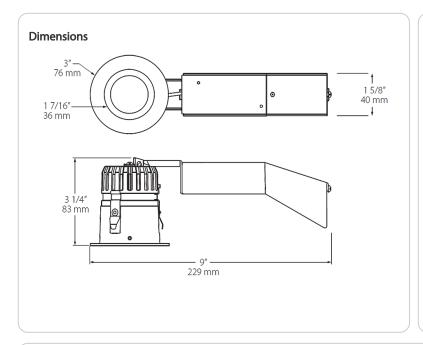
### Warranty:

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 <u>rablighting.com/warranty</u>.

#### **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-30YNHC-B-ST



#### 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	30	YN	HC	В	S	т
	<b>2R =</b> 2" Round <b>2S =</b> 2" Square	<b>10</b> = 10W	<b>D =</b> Universal Dimmer	<b>20 =</b> 20 <b>30 =</b> 30 <b>40 =</b> 40 <b>W =</b> 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