# RDDLED2R-10D-40NHC-M-SAT

product

2" deep regress downlight delivers higher lumen output and reduces glare. Weight: 2.9 lbs

Color: Satin aluminum trim matte cone



### **Driver Info**

| Type:                                | Constant Current    | Watts:               | 10W           |
|--------------------------------------|---------------------|----------------------|---------------|
| 120V:                                | 0.11A               | Color Temp:          | 4000K         |
| 208V:                                | 0.07A               | Color Accuracy:      | 93 CRI        |
| 240V:                                | 0.06A               | L70 Lifespan:        | 100000        |
| 277V:<br>Input Watts:<br>Efficiency: | 0.05A<br>12W<br>83% | Lumens:<br>Efficacy: | 807<br>67 LPW |

## **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, 27.5% at 277V

### **Power Factor:**

98.5% at 120V. 90.1% at 277V

## **Surge Protection:**

4kV

### Optical

### **Optics:**

40° 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:

Satin aluminum powder coated die cast 1/2" trim ring.

### Trim Cone:

Matte silver 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

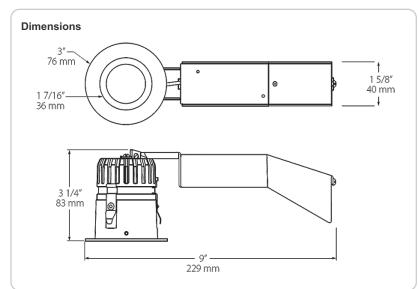
### Warranty:

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.

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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             | Ν                             | HC             | М                   | SA                | Т                    |  |
|   |                 | <b>2R</b> = 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)     |                | <b>S</b> = Specular | S = Silver        |                      |  |
|   |                 |                      |                 |         | W = Wall Wash  | N = 4000K (Neutral)           |                | M = Matte           | SA = Satin Nickel |                      |  |
| C |                 |                      |                 |         |                |                               |                |                     |                   |                      |  |

