# RDDLED2R-10D-40N-S-SAT

**RAB**
LIGHTING

product

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

Color: Satin aluminum trim specular con                Weight: 2.9 lbs

| Project: | Type: |
|---|---|
| **Prepared By:** | **Date:** |

### Driver Info

| | |
|---|---|
| Type: | Constant Current |
| 120V: | 0.11A |
| 208V: | 0.07A |
| 240V: | 0.06A |
| 277V: | 0.05A |
| Input Watts: | 12W |
| Efficiency: | 87% |

### LED Info

| | |
|---|---|
| Watts: | 10W |
| Color Temp: | 4000K |
| Color Accuracy: | 83 CRI |
| L70 Lifespan: | 100000 |
| Lumens: | 963 |
| Efficacy: | 84 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:**

Specular 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:**
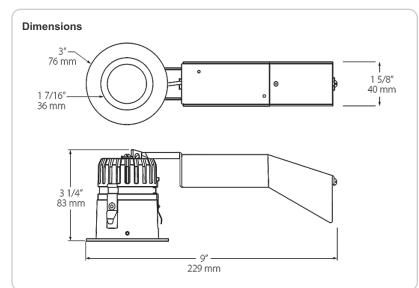
Replaces 75W MR16

**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.

# RDDLED2R-10D-40N-S-SAT

**RAB** LIGHTING

## Dimensions

3″
76 mm

1 7/16″
36 mm

1 5/8″
40 mm

3 1/4″
83 mm

9″
229 mm

## 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 | | S | SA | T |
| | **2R** = 2″ Round | **10** = 10W | **D** = Dim | **20** = 20 | **YY** = 2700K (Residential Warm) | **Blank** = 80 CRI | **W** = White | **W** = White | **T** = 1/2″ Trim |
| | **2S** = 2″ Square | | | **30** = 30 | **Y** = 3000K (Warm) | **HC** = 90 CRI | **B** = Black | **B** = Black | **TL** = Trimless |
| | | | | **40** = 40 | **YN** = 3500K (Warm Neutral) | | **S** = Specular | **S** = Silver | |
| | | | | **W** = Wall Wash | **N** = 4000K (Neutral) | | **M** = Matte | **SA** = Satin Nickel | |

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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