# RDDLED2S-10D-40YNHC-B-WT





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

Color: White trim black cone

Weight: 2.9 lbs

| Project:     | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Current | Watts:          |   |   |
|---------|-----------------|---|---|
|         | walls.          | 10W   |   |
|         | Color Temp:     | 3500K                                       |   |
|         | Color Accuracy: | 94 CRI                                      |   |
|         | L70 Lifespan:   | 100000                                      |   |
|         | Lumens:         | 751   |   |
|         | Efficacy:       | 64 LPW                                      |   |
|         |                 |   |   |
|         |                 |   |   |
|         |                 | Color Accuracy:<br>L70 Lifespan:<br>Lumens: | Color Accuracy: 94 CRI<br>L70 Lifespan: 100000<br>Lumens: 751 |

## **Technical Specifications**

## Listings

#### **UL Listing:**

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).

#### THD:

16.2% at 120V, 26.1% at 277V

#### **Power Factor:**

98.4% at 120V, 90.3% 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:

White powder coated die cast 1/2" trim ring.

## Trim Cone:

Black square 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:

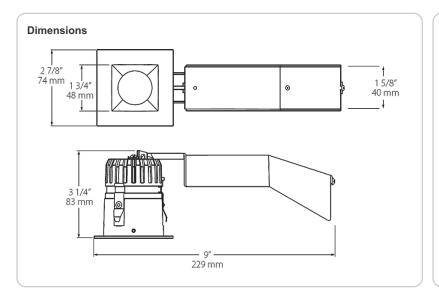
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

## **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.

# RDDLED2S-10D-40YNHC-B-WT





## 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 | 28                    | 10              | D              | 40                       | YN                            | HC                 | В                   | W                        | Т                    |  |  |
|                 |        | <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 |  |  |
|                 |        | <b>2S</b> = 2" Square |                 |                | <b>30</b> = 30           | <b>Y</b> = 3000K (Warm)       | <b>HC</b> = 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 | <b>N</b> = 4000K (Neutral)    |                    | M = Matte           | <b>SA</b> = Satin Nickel |                      |  |  |