# RDDLED2R-10D-40NHC-W-BT





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

Color: Black trim white cone Weight: 2.9 lbs

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

| Driver into |                  | LED INTO        |        |  |  |
|-------------|------------------|-----------------|--------|--|--|
| Type:       | Constant Current | Watts:          | 10W    |  |  |
| 120V:       | 0.11A            | Color Temp:     | 4000K  |  |  |
| 208V:       | 0.07A            | Color Accuracy: | 93 CRI |  |  |

 208V:
 0.07A
 Color Accuracy:
 93 CRI

 240V:
 0.06A
 L70 Lifespan:
 100000

 277V:
 0.05A
 Lumens:
 795

 Input Watts:
 12W
 Efficacy:
 66 LPW

Efficiency: 83%

## **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, 27.3% at 277V

## **Power Factor:**

98.5% at 120V, 90.2% 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:

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

## Trim Cone:

White 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:

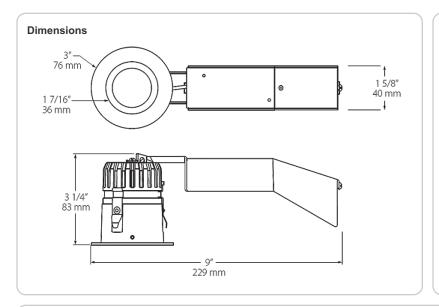
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

# **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-40NHC-W-BT





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