# RDDLED2R-10D-20NHC-W-WT





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

Color: White trim white cone

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

| Driver Info  |                  | LED 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:        | 0.05A            | Lumens:         | 807    |
| Input Watts: | 12W              | Efficacy:       | 67 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, 27.2% at 277V

## **Power Factor:**

98.5% at 120V, 90.2% at 277V

#### **Surge Protection:**

4kV

## Optical

Optics: 20° beam

## **LED Characteristics**

#### Lifespan:

Weight: 2.9 lbs

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:**

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:

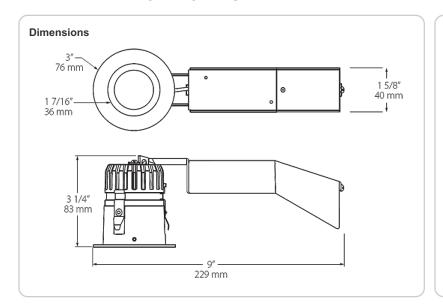
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

# **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-20NHC-W-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 | ĸ                     |                 |                |                      |                               |                    |              |                   |                      |
|-----------------|-----------------------|-----------------|----------------|----------------------|-------------------------------|--------------------|--------------|-------------------|----------------------|
| Family          | Size/Shape            | Wattage         | Driver         | Optics               | Color Temp                    | CRI                | Trim Cone    | Trim Ring         | Trim Style           |
| RDDLED          | 2R                    | 10              | D              | 20                   | N                             | HC                 | W            | 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)     |                    | S = Specular | S = Silver        |                      |
|                 |                       |                 |                | <b>W</b> = Wall Wash | <b>N</b> = 4000K (Neutral)    |                    | M = Matte    | SA = Satin Nickel |                      |