# RDDLED2R-10D-20NHC-M-BTL





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

Color: Black trim mate cone Weight: 2.9 lbs

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

| Driver Info | )                | LED Info       |                 |  |  |
|-------------|------------------|----------------|-----------------|--|--|
| Туре        | Constant Current | Watts          | 10W             |  |  |
| 120V        | 0.11A            | Color Temp     | 4000K (Neutral) |  |  |
| 208V        | 0.07A            | Color Accuracy | 93 CRI          |  |  |
| 240V        | 0.06A            | L70 Lifespan   | 100,000 Hours   |  |  |
| 277V        | 0.05A            | Lumens         | 801 lm          |  |  |
| Input Watts | 12.1W            | Efficacy       | 66.2 lm/W       |  |  |

# **Technical Specifications**

## Compliance

#### **UL Listed:**

Suitable for Wet Locations. Covered Ceiling Mount Only.

## **Energy Star Approved:**

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). See dimmer compatibility guide here.

#### 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°

#### Performance

## Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### **LED Characteristics**

#### LEDs

Long-life, high-efficiency, surface-mount LEDs

## Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

#### Construction

## **Cold Weather Starting:**

Minimum starting temperature is -35°C (-31°F)

## **Maximum Ambient Temperature:**

Suitable for use in up to 40°C (104°F)

#### Housing:

Specification-grade, die-cast aluminum construction

#### Reflector:

Vacuum-metalized polycarbonate

#### Trim Ring

Black powder coated die cast trimless ring

#### Trim Cone:

White round trim cone

### Lens:

Optical grade polycarbonate

## Green Technology:

Mercury and UV free. RoHS-compliant components.

## Other

## Replacement:

Replaces 75W MR16

#### Warranty:

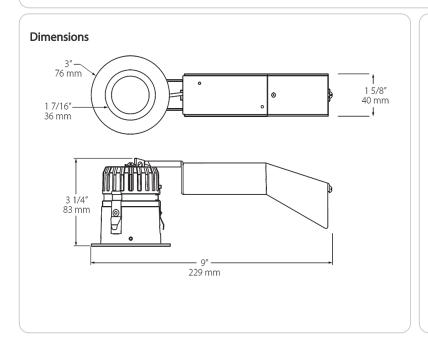
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.



# **Technical Specifications (continued)**

## **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.



### **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

| rdering Mat | rix   |                 |                                |   |  |  |  |  |                             |
|-------------|---|-----------------|--------------------------------|---|--|--|--|--|-----------------------------|
| Family      | Size/Shape                                    | Wattage         | Driver                         | Optics  | Color Temp   | CRI  | Trim Cone                                  | Trim Ring  | Trim Style                  |
| RDDLED      | 2R  | 10              | D                              | 20  | N  | HC   | М  | В  | TL                          |
|             | <b>2R</b> = 2" Round<br><b>2S</b> = 2" Square | <b>10</b> = 10W | <b>D =</b> Universal<br>Dimmer | 20 = 20<br>30 = 30<br>40 = 40<br>W = Wall<br>Wash | YY = 2700K Residential Warm Y = 3000K Warm YN = 3500K Warm Neutral N = 4000K Neutral | <b>Blank</b> = 80<br>CRI<br><b>HC</b> = 90 CRI | W = White B = Black S = Specular M = Matte | W = White<br>B = Black<br>S = Silver<br>SA = Satin<br>Aluminum | T = 1/2" Trim TL = Trimless |