# RDDLED2R-10D-20NHC-S-BT



2" deep regress downlight delivers higher lumen output and reduces glare. Color: Black trim specular cone Weight: 2.9 lbs

# **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:

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

**Project:** 

**Driver Info** 

Type:

120V:

208V:

240V:

277V:

Input Watts:

Efficiency:

Prepared By:

## LEDs:

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

# **Color Stability:**

Construction

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

# 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:

Lens:

Constant Current

0.11A

0.07A

0.06A

0.05A

12W

83%

Specular silver round trim cone.

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.

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:

# 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.



10W

4000K

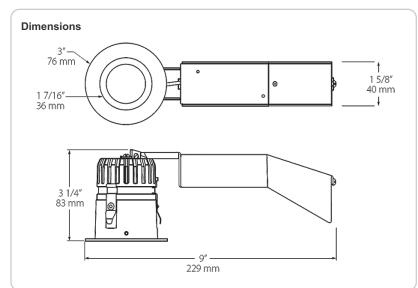
93 CRI

100000

70 LPW

846

# RDDLED2R-10D-20NHC-S-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              | 20             | Ν                             | HC             | S                   | В                 | Т                    |
|                 |        | 2R = 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 |
|                 |        | 2S = 2" Square |                 |                | <b>30</b> = 30 | <b>Y</b> = 3000K (Warm)       | HC = 90 CRI    | B = Black           | B = Black         | TL = Trimless        |
|                 |        |                |                 |                | <b>40</b> = 40 | YN = 3500K (Warm Neutral)     |                | <b>S</b> = Specular | S = Silver        |                      |
|                 |        |                |                 |                | W = Wall Wash  | <b>N</b> = 4000K (Neutral)    |                | M = Matte           | SA = Satin Nickel |                      |
| 1               |        |                |                 |                |                |                               |                |                     |                   |                      |

