# RDDLED2S-10D-20YYHC-B-BT



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

# **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, 26.2% at 277V

#### **Power Factor:**

98.4% at 120V, 90.3% 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.

# 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

| Туре: |
|-------|
| Date: |
|       |

LED Info Watts:

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

# **Driver Info**

| Type:        | Constant Current |
|--------------|------------------|
| 120V:        | 0.11A            |
| 208V:        | 0.07A            |
| 240V:        | 0.06A            |
| 277V:        | 0.05A            |
| Input Watts: | 13W              |
| Efficiency:  | 79%              |

#### Trim Ring:

Black 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.



10W

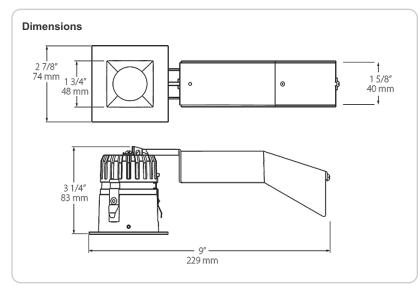
2700K

91 CRI

100000

735 58 LPW

# RDDLED2S-10D-20YYHC-B-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          | 2S                              | 10      | D       | 20   | ΥY  | HC                            | В   | В   | Т                              |  |  |  |
|                 | 2R = 2" Round<br>2S = 2" Square |         | D = Dim | 20 = 20<br>30 = 30<br>40 = 40<br>W = Wall Wash | YY = 2700K (Residential Warm)<br>Y = 3000K (Warm)<br>YN = 3500K (Warm Neutral)<br>N = 4000K (Neutral) | Blank = 80 CRI<br>HC = 90 CRI | W = White<br>B = Black<br>S = Specular<br>M = Matte | W = White<br>B = Black<br>S = Silver<br>SA = Satin Nickel | T = 1/2" Trim<br>TL = Trimless |  |  |  |

