# RDDLED2S-10D-20N-B-SAT

# product

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

**Project:** Type: **Prepared By:** Date:

LED Info

# **Driver Info**

| Type:                       | Constant Current | Watts:          | 10W    |
|-----------------------------|------------------|-----------------|--------|
| 120V:                       | 0.11A            | Color Temp:     | 4000K  |
| 208V:                       | 0.07A            | Color Accuracy: | 83 CRI |
| 240V:                       | 0.06A            | L70 Lifespan:   | 100000 |
| 277V:                       | 0.05A            | Lumens:         | 958    |
| Input Watts:                | 12W              | Efficacy:       | 81 LPW |
| Input Watts:<br>Efficiency: | 12W<br>84%       | Efficacy:       | 81 LPW |

# **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

#### Trim Ring:

Satin aluminum 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. Polvester powder coat finish formulated without the use of VOC or toxic heavy metals.

#### Other

#### **Replacement:**

Replaces 75W MR16

#### Warranty:

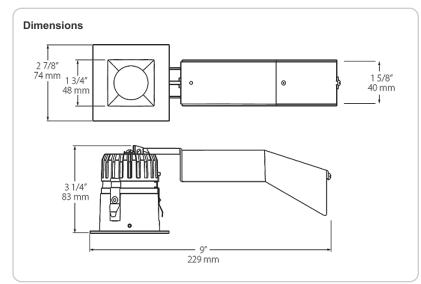
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish

### **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.



# RDDLED2S-10D-20N-B-SAT



# 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   | Ν   |                               | В   | SA  | 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 |  |

