# RDDLED2S-10D-WN-W-SATL



product

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

Color: Satin aluminum trim white cone

Weight: 2.9 lbs

| 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: | 83 CRI |
| 240V:                 | 0.06A            | L70 Lifespan:   | 100000 |
| 277V:                 | 0.05A            | Lumens:         | 741    |
| Input Watts:          | 11W              | Efficacy:       | 66 LPW |
| Efficiency:           | 89%              |                 |        |
|                       |                  |                 |        |
| 277V:<br>Input Watts: | 0.05A<br>11W     | Lumens:         | 741    |

# **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

13.3% at 120V, 25.5% at 277V

#### Power Factor:

98.9% at 120V, 91.2% at 277V

# **Surge Protection:**

4kV

# Optical

# Optics:

Wall Wash

# **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 trimless ring.

#### Trim Cone:

White 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:

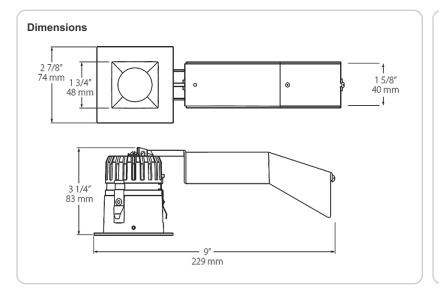
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

# **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.

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# **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              | W              | N                             |                    | W            | SA                | TL                   |
|                 |        | <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        |                      |
|                 |        |                       |                 |                | W = Wall Wash  | <b>N</b> = 4000K (Neutral)    |                    | M = Matte    | SA = Satin Nickel |                      |