# RDDLED2S-10D-WYY-S-SAT



product

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

Color: Satin aluminum trim specular con

Weight: 2.9 lbs

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

| Driver Info  |                  | LED Info        |        |  |
|--------------|------------------|-----------------|--------|--|
| Type:        | Constant Current | Watts:          | 10W    |  |
| 120V:        | 0.11A            | Color Temp:     | 2700K  |  |
| 208V:        | 0.07A            | Color Accuracy: | 82 CRI |  |
| 240V:        | 0.06A            | L70 Lifespan:   | 100000 |  |
| 277V:        | 0.05A            | Lumens:         | 737    |  |
| Input Watts: | 11W              | Efficacy:       | 65 LPW |  |
| Efficiency:  | 88%              |                 |        |  |
|              |                  |                 |        |  |
|              |                  |                 |        |  |

## **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 1/2" trim ring.

#### Trim Cone:

Specular silver 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:

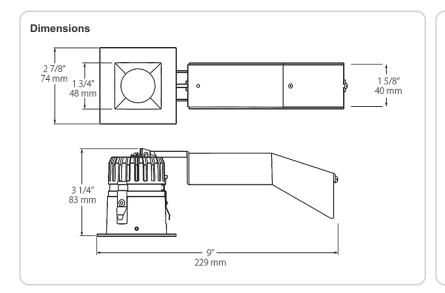
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

## **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.

# RDDLED2S-10D-WYY-S-SAT





## **Features**

10W replaces 75W MR16

Universal dimming (TRIAC, ELV and 0-10V) for optimal light control

SA = Satin Nickel

M = Matte

Deep regress design improves visual cutoff and reduces glare

| C | Ordering Matrix |                |                 |                |                |                               |                    |                     |            |                      |  |  |
|---|-----------------|----------------|-----------------|----------------|----------------|-------------------------------|--------------------|---------------------|------------|----------------------|--|--|
|   | Family          | Size/Shape     | Wattage         | Driver         | Optics         | Color Temp                    | CRI                | Trim Cone           | Trim Ring  | Trim Style           |  |  |
|   | RDDLED          | 28             | 10              | D              | W              | YY                            |                    | S                   | SA         | 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)       | <b>HC</b> = 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

**N** = 4000K (Neutral)