# RDDLED2S-10D-40YYHC-S-WTL





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

Color: White trim specular cone

Weight: 2.9 lbs

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

|                  | LED Info                                |   |
|------------------|---|---|
| Constant Current | Watts:                                  | 10W   |
| 0.11A            | Color Temp:                             | 2700K   |
| 0.07A            | Color Accuracy:                         | 91 CRI  |
| 0.06A            | L70 Lifespan:                           | 100000  |
| 0.05A            | Lumens:                                 | 778   |
| 13W              | Efficacy:                               | 61 LPW  |
| 79%              |   |   |
|                  |   |   |
|                  | 0.11A<br>0.07A<br>0.06A<br>0.05A<br>13W | Constant Current Watts: 0.11A Color Temp: 0.07A Color Accuracy: 0.06A L70 Lifespan: 0.05A Lumens: 13W Efficacy: |

## **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:

16.3% at 120V, 26% at 277V

## **Power Factor:**

98.4% at 120V, 90.3% at 277V

#### **Surge Protection:**

4kV

## Optical

Optics: 40° 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:

White powder coated die cast trimless 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:

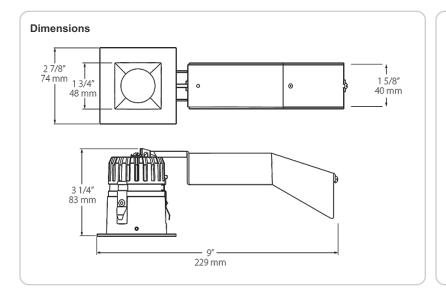
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### **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-40YYHC-S-WTL





## **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

| Ordering Matrix |        |                                 |         |                |  |  |                               |                                  |   |                             |  |
|-----------------|--------|---------------------------------|---------|----------------|--|--|-------------------------------|----------------------------------|---|-----------------------------|--|
|                 | Family | Size/Shape                      | Wattage | Driver         | Optics   | Color Temp   | CRI                           | Trim Cone                        | Trim Ring   | Trim Style                  |  |
|                 | RDDLED | 28                              | 10      | D              | 40   | YY   | HC                            | S                                | W   | TL                          |  |
|                 |        | 2R = 2" Round<br>2S = 2" Square |         | <b>D</b> = Dim | <b>20</b> = 20<br><b>30</b> = 30<br><b>40</b> = 40 | YY = 2700K (Residential Warm)<br>Y = 3000K (Warm)<br>YN = 3500K (Warm Neutral) | Blank = 80 CRI<br>HC = 90 CRI | W = White B = Black S = Specular | <b>W</b> = White <b>B</b> = Black <b>S</b> = Silver | T = 1/2" Trim TL = Trimless |  |

**N** = 4000K (Neutral)

W = Wall Wash