# RDDLED2S-10D-40YHC-W-WTL



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

# **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:

16.2% at 120V, 26.1% 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.

Type:

120V:

208V:

240V:

277V:

Input Watts:

Efficiency:

0.06A

0.05A

12W

86%

### LEDs:

Long-life, high-efficiency, surface mount LEDs.

## **Color Stability:**

Construction

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

# **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:

Lens:

White square trim cone.

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.



100000

69 LPW

795

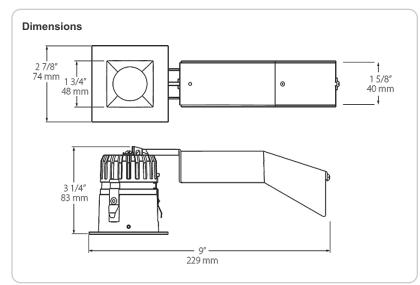
#### **Project:** Type: **Prepared By:** Date: **Driver Info** LED Info Constant Current Watts: 10W 0.11A Color Temp: 3000K 0.07A Color Accuracy: 91 CRI

L70 Lifespan:

Lumens:

Efficacy:

# RDDLED2S-10D-40YHC-W-WTL



# 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 | ĸ                               |                 |         |  |   |                               |   |   |                                |
|-----------------|---------------------------------|-----------------|---------|--|---|-------------------------------|---|---|--------------------------------|
| Family          | Size/Shape                      | Wattage         | Driver  | Optics   | Color Temp  | CRI                           | Trim Cone   | Trim Ring   | Trim Style                     |
| RDDLED          | 2S                              | 10              | D       | 40   | Y   | HC                            | W   | W   | TL                             |
|                 | 2R = 2" Round<br>2S = 2" Square | <b>10</b> = 10W | 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 |

