## RDDLED2S-10D-20YYHC-M-WTL





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

Color: White trim matte cone Weight: 2.9 lbs

Project:	Туре:
Prepared By:	Date:

Driver Into		LED Info			
Туре:	Constant Current	Watts:	10W		
120V:	0.11A	Color Temp:	2700K		
208V:	0.07A	Color Accuracy:	91 CRI		
240V:	0.06A	L70 Lifespan:	100000		
277V:	0.05A	Lumens:	765		
Input Watts:	13W	Efficacy:	60 LPW		

## **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, 26.2% 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.

Efficiency:

79%

#### 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:**

Matte 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:

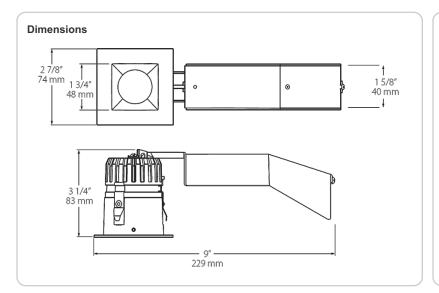
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

## **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-20YYHC-M-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									
Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style
RDDLED	2S	10	D	20	YY	HC	М	W	TL
	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

L 2" Trim **2S** = 2" Square **30** = 30 Y = 3000K (Warm) **HC** = 90 CRI B = Black B = Black TL = Trimless **40** = 40 YN = 3500K (Warm Neutral) S = Specular S = Silver W = Wall Wash **N** = 4000K (Neutral) M = Matte SA = Satin Nickel