# RDDLED2S-10D-40YNHC-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:	3500K
0.07A	Color Accuracy:	94 CRI
0.06A	L70 Lifespan:	100000
0.05A	Lumens:	809
12W	Efficacy:	69 LPW
85%		
	0.11A 0.07A 0.06A 0.05A 12W	Constant Current Watts: 0.11A Color Temp: 0.07A Color Accuracy: 0.06A L70 Lifespan: 0.05A Lumens: 12W 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:

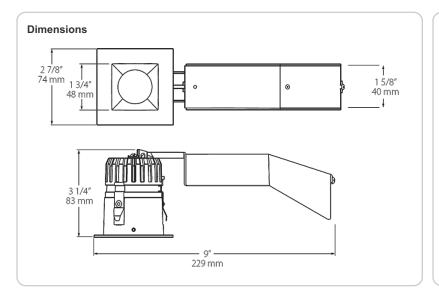
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

## **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-40YNHC-S-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	40	YN	НС	S	W	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)		<b>S</b> = Specular	S = Silver			
					W = Wall Wash	<b>N</b> = 4000K (Neutral)		M = Matte	<b>SA</b> = Satin Nickel			