# RDDLED2S-10D-20YNHC-S-BT





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

Color: Black trim specular cone

Weight: 2.9 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	10W
120V:	0.11A	Color Temp:	3500K
208V:	0.07A	Color Accuracy:	94 CRI
240V:	0.06A	L70 Lifespan:	100000
277V:	0.05A	Lumens:	839
Input Watts:	12W	Efficacy:	71 LPW
Efficiency:	85%		

# **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.

#### 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:

Black 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:

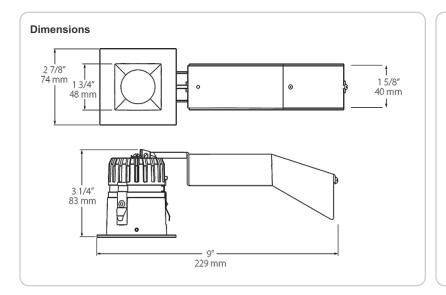
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

# **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.

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## **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

**Trim Cone** 

S

Trim Ring

В

Trim Style

Τ

Ordering Matrix								
Family	Size/Shape	Wattage	Driver	Optics	Color Temp			
RDDLED	2S	10	D	20	YN			

2R = 2" Round 10 = 10W D = Dim

**2S** = 2" Square

 20 = 20
 YY = 2700K (Residential Warm)
 Blank = 80 CRI
 W = White
 W = White
 T = 1/2" Trim

 30 = 30
 Y = 3000K (Warm)
 HC = 90 CRI
 B = Black
 B = Black
 TL = Trimless

CRI

HC

**40** = 40 **YN** = 3500K (Warm Neutral) **S** = Specular **S** = Silver

W = Wall Wash N = 4000K (Neutral) M = Matte SA = Satin Nickel