# RDDLED2S-10D-30YNHC-S-ST





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

Color: Silver trim specular cone

Weight: 2.9 lbs

Project:	Туре:
Prepared By:	Date:

<b>Driver Info</b>		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:	786
Input Watts:	11W	Efficacy:	70 LPW
Efficiency:	88%		

## **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: 30° 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 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

## Trim Ring:

Silver powder coated die cast 1/2" trim ring.

## Replacement:

Replaces 75W MR16

## Warranty:

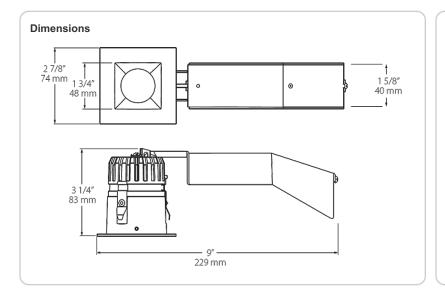
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### **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-30YNHC-S-ST





#### **Features**

10W replaces 75W MR16

Universal dimming (TRIAC, ELV and 0-10V) for optimal light control

Trim Ring

S

Trim Style

Τ

Deep regress design improves visual cutoff and reduces glare

Ordering Matrix								
Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	
RDDLED	2S	10	D	30	YN	HC	S	

 2R = 2" Round
 10 = 10W
 D = Dim
 20 = 20
 YY = 2700K (Residential Warm)
 Blank = 80 CRI
 W = White
 W = White
 T = 1/2" 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