## RDDLED2S-10D-30NHC-M-ST



2" deep regress downlight delivers higher lumen output and reduces glare. Color: Silver trim matte 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, 26.2% 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.

**Project:** 

Type:

120V:

208V:

240V:

277V:

Efficiency:

#### 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 Cone:

Matte silver square trim cone.

### Lens:

83%

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:**

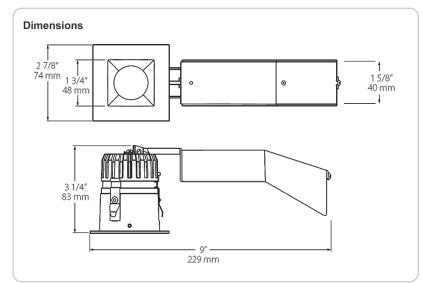
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.



#### **Prepared By:** Date: **Driver Info** LED Info Constant Current Watts: 10W 0.11A Color Temp: 4000K 0.07A Color Accuracy: 93 CRI 0.06A 100000 L70 Lifespan: 0.05A Lumens: 827 12W 69 LPW Input Watts: Efficacy:

Type:

# RDDLED2S-10D-30NHC-M-ST



### 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	30	N	HC	М	S	Т
		<b>2R</b> = 2" Round <b>2S</b> = 2" Square	<b>10</b> = 10W	D = Dim	20 = 20 30 = 30 40 = 40 W = Wall Wash	YY = 2700K (Residential Warm) Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	Blank = 80 CRI HC = 90 CRI	W = White B = Black S = Specular M = Matte	W = White B = Black S = Silver SA = Satin Nickel	T = 1/2" Trim TL = Trimless

