# RDDLED2S-10D-30N-M-SATL



product

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

Color: Satin aluminum trim matte cone

Weight: 2.9 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	10W
120V:	0.11A	Color Temp:	4000K
208V:	0.07A	Color Accuracy:	83 CRI
240V:	0.06A	L70 Lifespan:	100000
277V:	0.05A	Lumens:	996
Input Watts:	12W	Efficacy:	84 LPW
Efficiency:	84%		

# **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 Ring:

Satin aluminum 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:

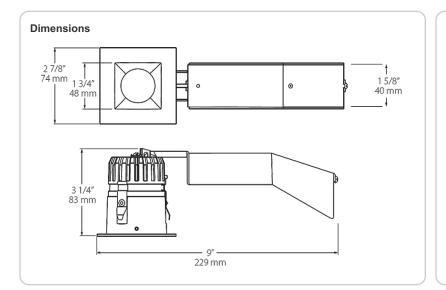
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

# **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.

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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

Ordering Matrix			
Family	Size/Shape	Wattage	Drive

2S = 2" Square

**RDDLED** 

er Optics 2S 10 D 30 2R = 2" Round 10 = 10W D = Dim **20** = 20 YY = 2700K (Residential Warm) Blank = 80 CRI

**30** = 30 Y = 3000K (Warm) **40** = 40 YN = 3500K (Warm Neutral)

**Color Temp** 

Ν

**HC** = 90 CRI

W = White B = Black S = Specular

**Trim Cone** 

M

W = White **T** = 1/2" Trim B = Black S = Silver

Trim Ring

SA

TL = Trimless

Trim Style

TL

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

CRI