# RDDLED2S-10D-30YNHC-B-SAT



product

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

Color: Satin aluminum trim black 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:	731		
Input Watts:	12W	Efficacy:	62 LPW		
Efficiency:	85%				

# **Technical Specifications**

# Listings

#### **UL Listing:**

Suitable for Wet Locations. Covered Ceiling Mount Only.

#### **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 1/2" trim ring.

#### **Trim Cone:**

Black 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:

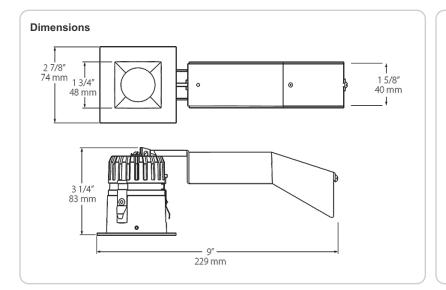
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

# **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	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style
RDDLED	28	10	D	30	YN	HC	В	SA	Т
	2R = 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)		S = Specular	S = Silver	
				W = Wall Wash	<b>N</b> = 4000K (Neutral)		M = Matte	SA = Satin Nickel	