RDDLED2R-10D-40Y-B-SATL

product

2" deep regress downlight delivers higher lumen output and reduces glare. Color: Satin aluminum trim black cone Weight: 2.9 lbs

Project: Type: **Prepared By:** Date:

LED Info

Driver Info

Type:	Constant Current	Watts:	10W
120V:	0.11A	Color Temp:	3000K
208V:	0.07A	Color Accuracy:	81 CRI
240V:	0.06A	L70 Lifespan:	100000
277V:	0.05A	Lumens:	844
Input Watts:	12W	Efficacy:	69 LPW
Input Watts: Efficiency:	12W 82%	Efficacy:	69 LPW

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:

15.8% at 120V, 27.5% at 277V

Power Factor:

98.5% at 120V, 90.1% at 277V

Surge Protection:

4kV

Optical

Optics:

40° 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:

Black round trim cone.

Lens:

Optical grade polycarbonate

Green Technology:

Mercury and UV free. RoHS compliant components. Polvester powder coat finish formulated without the use of VOC or toxic heavy metals.

Other

Replacement:

Replaces 75W MR16

Warranty:

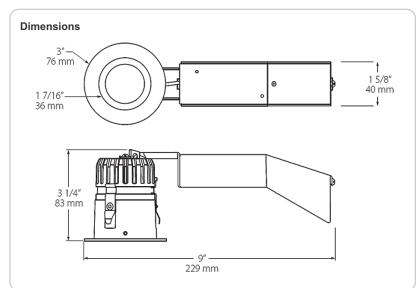
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish

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

1	Ordering Matrix										
	Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style	
	RDDLED	2R	10	D	40	Y		В	SA	TL	
		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		
					\mathbf{W} = Wall Wash	N = 4000K (Neutral)		M = Matte	SA = Satin Nickel		
C											

