RDDLED2S-10D-30YHC-B-ST





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

Color: Silver trim black cone

Project:	Туре:
Prepared By:	Date:

Driver Info	LED Info	
Type: Constan	nt Current Watts:	10W
120V: 0.11A	Color Tem	np: 3000K
208V: 0.07A	Color Acc	uracy: 91 CRI
240V: 0.06A	L70 Lifesp	pan: 100000
277V: 0.05A	Lumens:	723
Input Watts: 12W	Efficacy:	62 LPW
Efficiency: 86%		

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:

Weight: 2.9 lbs

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:

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

Trim Ring:

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

Replacement:

Replaces 75W MR16

Warranty:

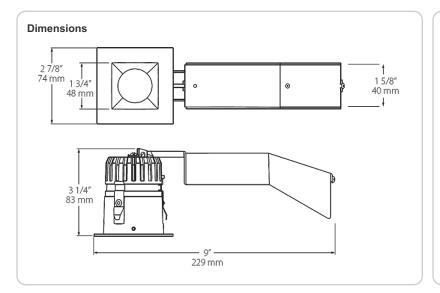
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

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.

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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	2S	10	D	30	Y	HC	В	S	Т
	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	