RDDLED2R-10D-40NHC-S-ST



10W

4000K

93 CRI

100000

70 LPW

800



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

Color: Silver trim specular cone

Prepared By: Date:

Type:

Driver Info LED Info

Project:

Type: Constant Current Watts: 120V: 0.11A Color Temp: 208V: 0.07A Color Accuracy: 240V: 0.06A L70 Lifespan: 277V: 0.05A Lumens: 12W Input Watts: Efficacy: Efficiency: 87%

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:

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:

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:

Specular silver round 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:

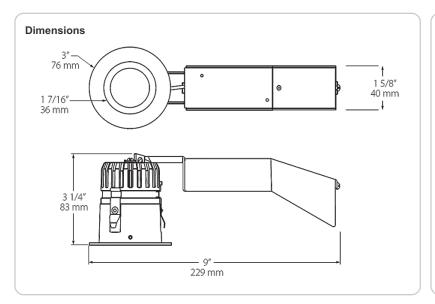
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

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	2R	10	D	40	N	HC	S	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	