RDDLED2S-10D-20NHC-B-STL





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

Color: Silver trim black cone

| Project: | Type: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info | | LED Info | | | |
|--------------|------------------|-----------------|--------|--|--|
| Type: | Constant Current | Watts: | 10W | | |
| 120V: | 0.11A | Color Temp: | 4000K | | |
| 208V: | 0.07A | Color Accuracy: | 93 CRI | | |
| 240V: | 0.06A | L70 Lifespan: | 100000 | | |
| 277V: | 0.05A | Lumens: | 796 | | |
| Input Watts: | 12W | Efficacy: | 67 LPW | | |
| Efficiency: | 84% | | | | |

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:

20° 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 Ring:

Silver powder coated die cast trimless 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:

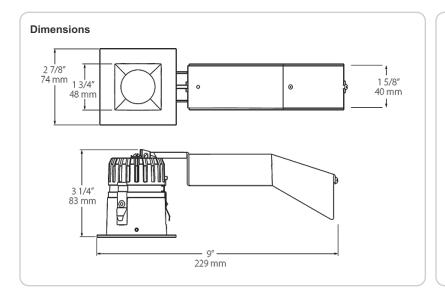
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

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

SA = Satin Nickel

M = Matte

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 | 20 | N | HC | В | S | TL |
| | 2R = 2" Round 10 = 10W D = Dim 20 = 3 | | 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 | |

N = 4000K (Neutral)

W = Wall Wash