# RDDLED2R-10D-WYHC-S-SAT

# RAB



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

Proje	ect:	Туре:								
Prepared By:		Date:								
Driver Ir	Driver Info LED Info									
Type 120V	Constant Current 0.11A	Watts Color Temp	10W 3000K (Warm)							

## Compliance

**Technical Specifications** 

## UL Listed:

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). See dimmer compatibility guide here.

**THD:** 15.9% at 120V, 27.4% at 277V

**Power Factor:** 98.5% at 120V, 90.2% at 277V

Surge Protection: 4kV

## Optical

Optics: Wall Wash

## Performance

**Lifespan:** 100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

### LED Characteristics

LEDs: Long-life, high-efficiency, surface-mount LEDs

#### **Color Stability:**

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

### Construction

**Cold Weather Starting:** Minimum starting temperature is -35°C (-31°F)

Maximum Ambient Temperature: Suitable for use in up to 40°C (104°F)

Housing: Specification-grade, die-cast aluminum construction

#### **Reflector:**

Vacuum-metalized polycarbonate

#### Trim Ring:

208V

240V

277V

0.07A

0.06A

0.05A

Input Watts 11.8W

Satin aluminum powder coated die cast 1/2" trim ring

Color Accuracy 91 CRI

100,000 Hours

653 lm

55.3 lm/W

L70 Lifespan

Lumens

Efficacy

Trim Cone:

Specular silver round trim cone

**Lens:** Optical grade polycarbonate

Green Technology: Mercury and UV free. RoHS-compliant components.

#### Other

Replacement: Replaces 75W MR16

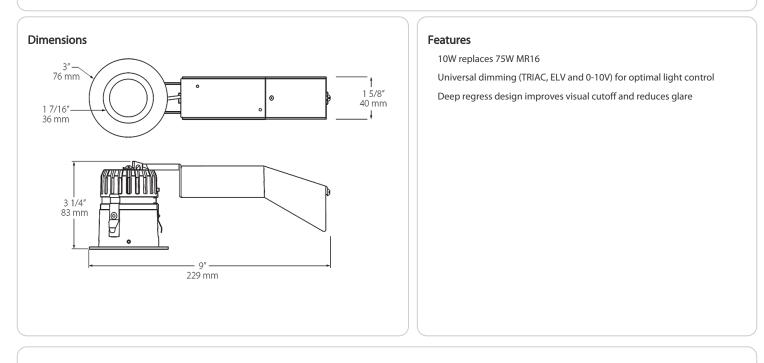
#### Warranty:

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. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty</u>.

## **Technical Specifications (continued)**

## 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.



## **Ordering Matrix**

Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style
RDDLED	2R	10	D	W	Y	HC	S	SA	Т
	2R = 2" Round 2S = 2" Square	<b>10 =</b> 10W	<b>D =</b> Universal Dimmer	<b>20 =</b> 20 <b>30 =</b> 30 <b>40 =</b> 40 <b>W =</b> Wall Wash	YY = 2700K Residential Warm Y = 3000K Warm YN = 3500K Warm Neutral N = 4000K Neutral	Blank = 80 CRI HC = 90 CRI	W = White B = Black S = Specular M = Matte	W = White B = Black S = Silver SA = Satin Nickel	T = 1/2" Trim TL = Trimless