## RDDLED2R-10D-40YHC-B-WTL

# RAB



Proje	ect:	Type: Date:				
Prep	ared By:					
Driver Ir	nfo	LED Info				
Туре	Constant Current	Watts	10W			
120V	0.11A	Color Temp	3000K (Warm)			
208V	0.07A	Color Accurac	y 91 CRI			
240V	0.06A	L70 Lifespan	100,000 Hours			
277V	0.05A	Lumens	705 lm			

## **Technical Specifications**

## Compliance

### 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:** 15.8% at 120V, 27.5% at 277V

**Power Factor:** 98.5% at 120V, 90.1% at 277V

Surge Protection: 4kV

#### Optical

Optics: 40°

### 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: White powder coated die cast trimless ring Trim Cone: Black round trim cone

Input Watts 11.8W

Lens: Optical grade polycarbonate

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

Efficacy

59.7 lm/W

## Other

Replacement: Replaces 75W MR16

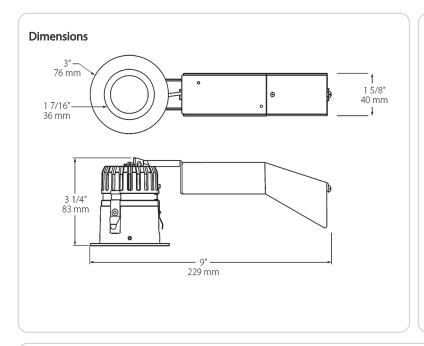
#### Warranty:

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>.

#### **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.

## RDDLED2R-10D-40YHC-B-WTL



#### 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	Y	HC	В	W	TL	
	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	<b>Blank =</b> 80 CRI <b>HC =</b> 90 CRI	W = White B = Black S = Specular M = Matte	W = White B = Black S = Silver SA = Satin Aluminum	<b>T</b> = 1/2" Trim <b>TL</b> = Trimless	