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



**Project:** Type: **Prepared By:** Date: LED Info **Driver Info Constant Current** Watts 10W Туре 120V 0.11A Color Temp 3000K (Warm) 208V 0.07A Color Accuracy 91 CRI

L70 Lifespan

Lumens

Efficacy

100,000 Hours

766 lm

64.9 lm/W

Color: White trim matte cone Weight: 2.9 lbs

# **Technical Specifications**

# Compliance

**UL Listed:** 

Suitable for Wet Locations. Covered Ceiling Mount Only.

#### **Energy Star Approved:**

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). 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

240V

277V

0.06A

0.05A

Input Watts 11.8W

#### 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: Matte silver round trim cone

Lens: Optical grade polycarbonate

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

#### Other

#### **Replacement:**

Replaces 75W MR16

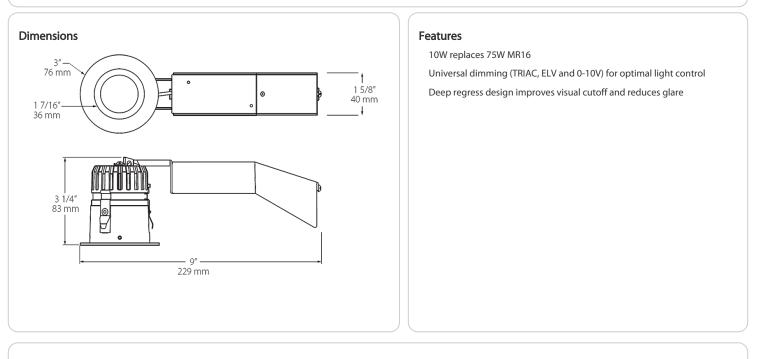
#### Warranty:

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 rablighting.com/warranty.

# **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	40	Y	HC	М	W	TL
	<b>2R =</b> 2" Round <b>2S =</b> 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 Aluminum	<b>T</b> = 1/2" Trim <b>TL</b> = Trimless