# RDDLED2R-10D-40YYHC-W-BTL

# RAB



Proje	ect:	Туре:						
Prepared By:		Date:						
Driver Info LED Info								
Туре	Constant Current	Watts	10W					
120V 208V	0.11A 0.07A	Color Temp	2700K (Residential Warm)					

Color Accuracy 91 CRI

100,000 Hours

734 lm

56.9 lm/W

L70 Lifespan

Lumens

Efficacy

# 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, 27.3% at 277V

**Power Factor:** 98.5% at 120V, 90.2% 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 12.9W

#### 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  $40^{\circ}C$  ( $104^{\circ}F$ )

#### Housing:

Specification-grade, die-cast aluminum construction

#### **Reflector:** Vacuum-metalized polycarbonate

Trim Ring: Black powder coated die cast trimless ring

#### Trim Cone: White round trim cone

Lens: Optical grade polycarbonate

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

#### Other

Replacement:

## Replaces 75W MR16

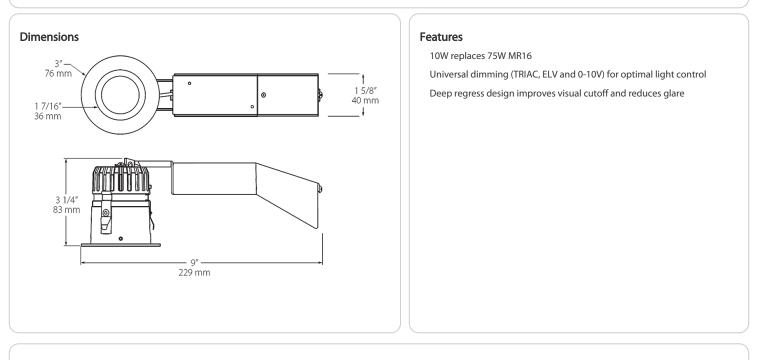
#### Warranty:

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	40	YY	HC	W	В	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