# RDDLED2R-10D-40YYHC-S-BT

# RAB



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

Prepared By:	Date:	
Project:	Туре:	

Driver Info		LED Info		
Туре	Constant Current	Watts	10W	
120V	0.11A	Color Temp	2700K (Residential	
208V	0.07A	color remp	Warm)	
240V	0.06A	Color Accuracy	91 CRI	
277V	0.05A	L70 Lifespan	100,000 Hours	
Input Watts	12.3W	Lumens	738 lm	
		Efficacy	60 lm/W	

# **Technical Specifications**

## Compliance

UL Listed: Suitable for Wet Locations. Covered Ceiling Mount

#### Energy Star Approved:

ENERGY STAR® Version 2.0 Certified

#### Electrical

#### Driver:

Only.

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

#### Housing:

Specification-grade, die-cast aluminum construction

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

Trim Ring: Black powder coated die cast 1/2" trim ring

#### 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

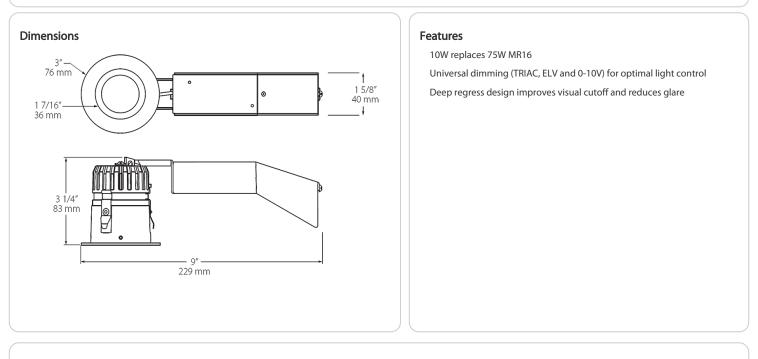
#### Warranty:

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	40	YY	HC	S	В	Т
	<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