# RDDLED2S-10D-40NHC-S-BT



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

# **Technical Specifications**

# Listings

### **UL Listing:**

Suitable for Wet Locations. Covered Ceiling Mount Only.

### **ENERGY STAR® V2.0:**

This product is 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).

# THD:

16.3% at 120V, 26% at 277V

### **Power Factor:**

98.4% at 120V, 90.3% at 277V

### **Surge Protection:**

4kV

# Optical

**Optics:** 

40° beam

## **LED Characteristics**

### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

### LEDs:

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

### **Color Stability:**

Construction

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

# **Cold Weather Starting:**

Minimum starting temperature is -35°C (-31°F)

#### **Maximum Ambient Temperature:**

Suitable for use in 40°C (104°F) ambient temperatures

## Housing:

Specification-grade, die-cast aluminum construction

### Reflector:

Vacuum metalized polycarbonate

### Trim Ring:

Black powder coated die cast 1/2" trim ring.

### Trim Cone:

Lens:

Specular silver square trim cone.

Optical grade polycarbonate

### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

# 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.

### **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.



10W

Type:

Date:

LED Info

Watts:

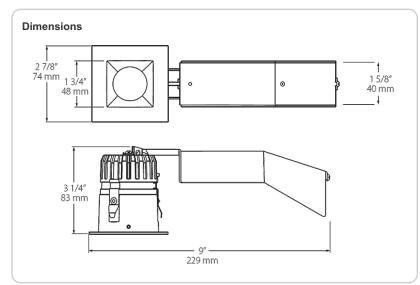
**Driver Info** Type: Constant Current 120V: 0.11A 208V: 0.07A 240V: 0.06A 277V: 0.05A

**Project:** 

**Prepared By:** 

Color Temp: 4000K Color Accuracy: 93 CRI 100000 L70 Lifespan: Lumens: 843 12W 71 LPW Input Watts: Efficacy: Efficiency: 84%

# RDDLED2S-10D-40NHC-S-BT



### 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	2S	10	D	40	Ν	HC	S	В	Т
	2R = 2" Round 2S = 2" Square		D = Dim	20 = 20 30 = 30 40 = 40 W = 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

