# RDDLED2S-10D-30YNHC-B-BT





2" deep regress downlight delivers higher lumen output and reduces glare.

Color: Black trim black cone

Weight: 2.9 lbs

Project:	Туре:
Prepared By:	Date:

	LED Info		
Constant Current	Watts:	10W	
0.11A	Color Temp:	3500K	
0.07A	Color Accuracy:	94 CRI	
0.06A	L70 Lifespan:	100000	
0.05A	Lumens:	731	
12W	Efficacy:	62 LPW	
85%			
	0.11A 0.07A 0.06A 0.05A 12W	Constant Current Watts: 0.11A Color Temp: 0.07A Color Accuracy: 0.06A L70 Lifespan: 0.05A Lumens: 12W Efficacy:	Constant Current         Watts:         10W           0.11A         Color Temp:         3500K           0.07A         Color Accuracy:         94 CRI           0.06A         L70 Lifespan:         100000           0.05A         Lumens:         731           12W         Efficacy:         62 LPW

## **Technical Specifications**

## Listings

## **UL Listing:**

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).

## THD:

16.2% at 120V, 26.2% at 277V

#### **Power Factor:**

98.4% at 120V, 90.3% at 277V

## **Surge Protection:**

4kV

## Optical

## Optics:

30° 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:**

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

## Construction

## **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:

Black square trim cone.

#### Lens:

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:

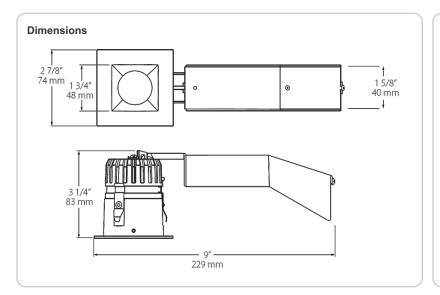
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

## **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.

# RDDLED2S-10D-30YNHC-B-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

Orde	ering	Matrix

Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style
RDDLED	28	10	D	30	YN	HC	В	В	Т
	<b>2R</b> = 2" Round	<b>10</b> = 10W	<b>D</b> = Dim	<b>20</b> = 20	YY = 2700K (Residential Warm)	Blank = 80 CRI	W = White	W = White	<b>T</b> = 1/2" Trim
	<b>2S</b> = 2" Square			<b>30</b> = 30	<b>Y</b> = 3000K (Warm)	<b>HC</b> = 90 CRI	B = Black	B = Black	TL = Trimless
				<b>40</b> = 40	YN = 3500K (Warm Neutral)		S = Specular	S = Silver	
				W = Wall Wash	<b>N</b> = 4000K (Neutral)		M = Matte	SA = Satin Nickel	