



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

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info  |                  | LED Info        |        |
|--------------|------------------|-----------------|--------|
| Type:        | Constant Current | Watts:          | 10W    |
| 120V:        | 0.11A            | Color Temp:     | 3500K  |
| 208V:        | 0.07A            | Color Accuracy: | 94 CRI |
| 240V:        | 0.06A            | L70 Lifespan:   | 100000 |
| 277V:        | 0.05A            | Lumens:         | 812    |
| Input Watts: | 12W              | Efficacy:       | 68 LPW |
| Efficiency:  | 83%              |                 |        |

## 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:

15.8% at 120V, 27.2% at 277V

#### Power Factor:

98.5% at 120V, 90.2% at 277V

#### Surge Protection:

4kV

### Optical

#### Optics:

20° 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 warranted 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 trimless ring.

### Trim Cone:

Specular silver round 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.

# RDDL2R-10D-20YNHC-S-BTL

## Dimensions



## 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                     |
|--------|---------------------------------|----------|---------|--|---|-------------------------------|---|---|--------------------------------|
| RDDL2R | 2R                              | 10       | D       | 20   | YN  | HC                            | S   | B   | TL                             |
|        | 2R = 2" Round<br>2S = 2" Square | 10 = 10W | D = Dim | 20 = 20<br>30 = 30<br>40 = 40<br>W = Wall Wash | YY = 2700K (Residential Warm)<br>Y = 3000K (Warm)<br>YN = 3500K (Warm Neutral)<br>N = 4000K (Neutral) | Blank = 80 CRI<br>HC = 90 CRI | W = White<br>B = Black<br>S = Specular<br>M = Matte | W = White<br>B = Black<br>S = Silver<br>SA = Satin Nickel | T = 1/2" Trim<br>TL = Trimless |