



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: |

| Driver Info |                  | LED Info       |                         |  |  |
|-------------|------------------|----------------|-------------------------|--|--|
| Type        | Constant Current | Watts          | 10W                     |  |  |
| 120V        | 0.11A            | Color Temp     | 2700K (Residential      |  |  |
| 208V        | 0.07A            | 20.0           | Warm)                   |  |  |
| 240V        | 0.06A            | Color Accuracy | 91 CRI                  |  |  |
| 277V        | 0.05A            | L70 Lifespan   | 100,000 Hours<br>686 lm |  |  |
| Input Watts | 12.9W            | Lumens         |                         |  |  |
| •           |                  | Efficacy       | 53.2 lm/W               |  |  |
|             |                  |                |                         |  |  |

# **Technical Specifications**

#### Compliance

## UL Listed:

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). 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**

#### I FDs:

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°C (104°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:

Black round trim cone

#### Lens

Optical grade polycarbonate

## Green Technology:

Mercury and UV free. RoHS-compliant components.

## Other

## Replacement:

Replaces 75W MR16

#### Warranty:

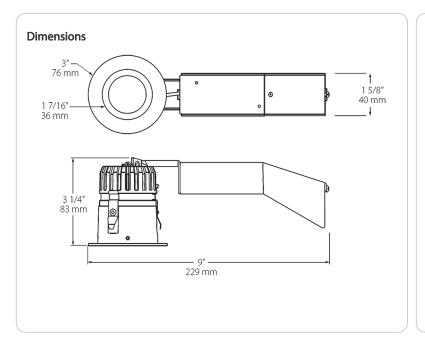
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at <a href="mailto:rableta

# **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.

# RDDLED2R-10D-40YYHC-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

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