



Color: White trim white cone

Weight: 2.5 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

#### Driver Info

Type	Constant Current
120V	0.17A
208V	0.11A
240V	0.10A
277V	0.09A
Input Watts	20.6W

#### LED Info

Watts	20W
Color Temp	2700K (Residential Warm)
Color Accuracy	80 CRI
L70 Lifespan	100,000
Lumens	1,506
Efficacy	73.1 lm/W

## Technical Specifications

### Listings

#### UL Listed:

Suitable for wet locations covered ceiling

#### ENERGY STAR V2.0:

This product is ENERGY STAR® Version 2.0 Certified.

### LED Characteristics

#### LED:

Long-life, high-output LED module. Binned for natural white light to match incandescent and 3-step MacAdam Ellipse consistency.

#### Lifespan:

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

#### Absolute White™:

A unique binning process designed to match incandescent at each color temperature. It's 3-step consistent, very stable over time and looks the way you expect light to look.

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### Color Stability:

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

### Construction

#### Ambient Temperature:

Suitable For use in 40°C (104°F)

#### Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

#### Trim Ring:

White powder coated die cast trim ring

#### Trim Cone:

White round trim cone

#### Lens:

Nanostructure lens eliminates "hot spots", and helps provide smooth, uniform light and higher efficiency

#### Junction Box:

Integral junction box with wiring capacity for Min 90°C supply conductors  
2 in 2 out

#### Housing:

Professional-grade, die-cast aluminum construction

## Technical Specifications (continued)

## Construction

## Easy Installation:

Easy installation with ceiling clamps

## Green Technology:

Mercury and UV free. RoHS-compliant components.

## Electrical

## Driver:

ELV, 0-10V and TRIAC Dimming, Constant Current, Class 2, 120V-277V, 50/60Hz, Power Factor 98%, THD ≤ 20%

## Dimming Driver:

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only). [See dimmer compatibility guide here.](#)

## Optical

## Optics:

50° beam spread with specular thermoplastic optics and Nanostructure lens technology for smooth light output and high efficiency

## Other

## 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 [rablighting.com/warranty](http://rablighting.com/warranty).

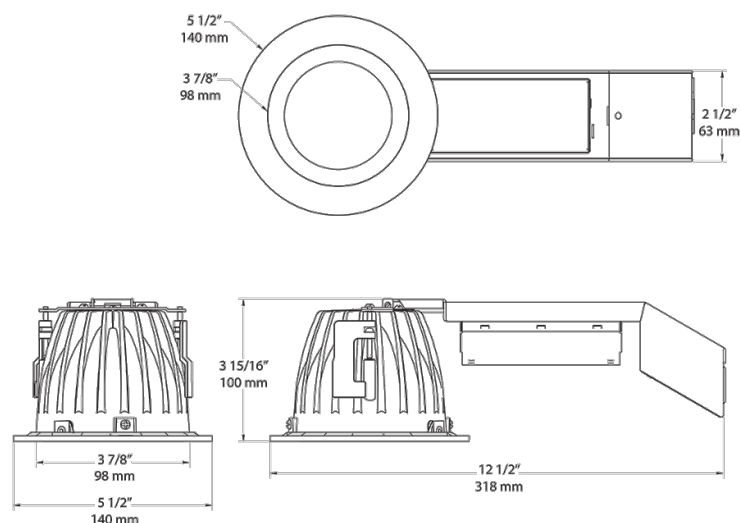
## Equivalency:

Equivalent to 100W PAR

## 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.

## Dimensions



## Features

High performance, high efficiency alternative to incandescent lighting

Integrated ceiling clamps make installation fast and secure for ceiling up to 1 1/4" thick

Nanostructure lens eliminates "hot spots" providing smooth and efficient light

Low-profile design allows for installation in ceilings with limited space

Absolute White™ natural light output

## Ordering Matrix

Family	Size	Shape	Wattage	Driver Option	Beam Spread	Color Temp	CRI	Cone Color	Trim Color
RDLED	4	R	20	D	50	YY		W	W
	6 = 6" 4 = 4"	R = Round S = Square	12 = 12W (4" only) 20 = 20W 26 = 26W (6" only)	D = Universal Dimming	50 = 50° 80 = 80° W = Wall Washer	YY = 2700K (Residential Warm) Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	Blank = 82 CRI HC = 92 CRI	B = Black M = Matte Silver S = Specular White W = White	B = Black S = Silver W = White