



|              |       |
|--------------|-------|
| Project:     | Type: |
| Prepared By: | Date: |

| Driver Info |                           | LED Info       |                           |
|-------------|---------------------------|----------------|---------------------------|
| Type        | Constant Current, Class 2 | Watts          | 9W                        |
| 120V        | 91A                       | Color Temp     | 2700/3000/3500/4000/5000K |
| 208V        | N/A                       | Color Accuracy | 90 CRI                    |
| 240V        | N/A                       | L70 Lifespan   | N/A                       |
| 277V        | N/A                       | Lumens         | 900 lm                    |
| Input Watts | 9.5W                      | Efficacy       | 94                        |

Technical Specifications

Performance

Product Type:

Retrofit Downlight w/Nightlight

Description:

Recessed lighting retrofits with a nightlight mode to provide 2000K amber color temperature alone. Creates comfort, warmth, so ft lighting and extra ambiance to help you fall asleep at night.

Wattage Equivalency:

60W Incandescent

Input Wattage:

9.5W

Lumens (Nominal):

900lm (mainlight)  
20lm (nightlight)

Actual Lumens:

Mainlight:  
907lm @ 2700K;  
915lm @ 3000K;  
932lm @ 3500K;  
938lm @ 4000K;  
960lm @ 5000K

Nightlight:

20lm @ 2000K

Efficacy:

Mainlight:  
97lm/W @ 2700K;  
97lm/W @ 3000K;  
98lm/W @ 3500K;  
99lm/W @ 4000K;  
102lm/W @ 5000K

Nightlight:

6lm/W @ 2000K

L70 Lifespan:

50,000-Hour LED lifespan based on IES LM-70 results

Electrical

THD:

20%

Power Factor:

>0.7

Dimmable:

Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

Input Voltage:

120V

Operating Frequency:

60 Hz

Input Current @ 120V (mA):

0.09mA

Operating Temperature:

-4°F to 104°F (-20°C to 40°C)

Flicker:

30%

LED Characteristics

Beam Angle:

90°

Color Temperature:

Mainlight:  
Field adjustable via dip switch  
2700/3000/3500/4000/5000

Nightlight:

2000

Color Accuracy (CRI):

>90 CRI

R9 Value:

High color performance with R9 greater than 50

Color Consistency:

<4-step (2700K & 5000K); <7-step (3000K/3500K/4000K) MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

## Technical Specifications (continued)

**Color Stability:**

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

**Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

**Installation****Base Type:**

E26 socket adapter Included

**Construction****Size:**

6"

**Shape:**

Round

**Finish:**

White

**Enclosure Material:**

Plastic

**Trim Style:**

Smooth

**Lens Finish:**

Frosted

**Lens:**

Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

**Compliance****Listings:**

UL Classified, UL Recognized

**Environment:**

Suitable for use indoors and outdoors in dry, damp, or wet environments.

**IC Rated:**

No

**Air Tight:**

No

**Energy Star Approved:**

This product is ENERGY STAR® Version 2.2 Certified.

**DLC Listed:**

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](https://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

**Certification Model Number:**

DLR0155(ECLPS6)

**California Title 20 Compliant:**

Can be used to conform with the requirements of California Title 20

**California Title 24 JA8 Compliant:**

No

**California Energy Commission (CEC) Status:**

Lawful for Sales in California

**NEC Compliant:**

Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C3).

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**RoHS:**

Mercury and UV free. RoHS-compliant components.

**FCC:**

Complies with Part 15 of the FCC Rules

**Other****Compatible Accessories:**

[NDCANIC6R](#)

6" New construction recessed housing IC rated

[RDCANIC6R](#)

6" Remodeler recessed housing IC rated

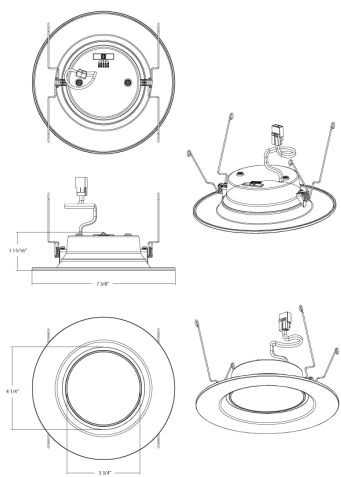
[RFLED-RETROBAND](#)

Retrofit band with friction clips for 5"/6" downlight

**5-Year, No-Compromise 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](https://rablighting.com/warranty).

Dimensions



Features

- Smooth and baffle trim cones available in a white finish
- 5CCT field adjustable (2700/3000/3500/4000/5000K)
- 2000K amber white nightlight ring located on the inside of the trim cone
- Dimmable on TRIAC/ELV @ 120V
- 50,000 hrs, 5-year no-compromise warranty

Ordering Matrix

| Family | Size/Wattage                 | Shape         | CRI/Color Temp                                   | Driver                  | Finish        | Trim                         |
|--------|------------------------------|---------------|--------------------------------------------------|-------------------------|---------------|------------------------------|
| ECLPS  | 6                            |               |                                                  |                         |               |                              |
|        | 4 = 4", 7.5W<br>6 = 6", 9.5W | Blank = Round | Blank = 2700/3000/3500/4000/5000K CCT Adjustable | Blank = 120V, TRIAC/ELV | Blank = White | Blank = Smooth<br>B = Baffle |