

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

Driver Info		LED Info	
Type	Constant Current	Watts	14W
120V	0.12A	Color Temp	2700/3000/3500/4000/5000K
208V	0.00A	Color Accuracy	90 CRI
240V	0.00A	L70 Lifespan	50,000 Hours
277V	0.00A	Lumens	1055-1187 lm
Input Watts	13.4-13.5W	Efficacy	78.2-88.3 lm/W

## Technical Specifications

### Performance

#### Product Type:

Surface Mount

#### Description:

5 selectable color temperatures in one surface mount fixture. Contemporary, low-profile design with 3 sizes and 2 forms available. Built for 120V use. TRIAC dimming compatibility and 90 CRI.

#### Wattage Equivalency:

60W Incandescent

#### Input Wattage:

14W

#### Lumens (Nominal):

1,150lm

#### Lumens (Measured):

2700K @ 993lm; 3000K @ 1,032lm; 3500K @ 1,072lm; 4000K @ 1,092lm; 5000K @ 1,110lm

#### Efficacy:

2700K @ 73lm/W; 3000K @ 75lm/W; 3500K @ 78lm/W; 4000K @ 80lm/W; 5000K @ 81lm/W

#### L70 Lifespan:

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

### Electrical

#### Driver:

Constant Current @ 120V, 60 Hz: 130mA

#### Power Factor:

>0.9

#### Dimmable:

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

#### Input Voltage:

120V

#### Operating Frequency:

60 Hz

#### Operating Temperature:

-4°F to 104°F (-20°C to 40°C)

#### Flicker:

<30%

### LED Characteristics

#### Beam Angle:

110°

#### Color Temperature:

Field adjustable via dip switch  
2700/3000/3500/4000/5000K

### Color Accuracy (CRI):

90 CRI

### Natural Spectrum:

No

### R9 Value:

High color performance with R9 greater than 50

### Color Consistency:

<4-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

### 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

#### Mounting:

Surface mount or recessed housing

### Construction

#### Size:

7"

**Technical Specifications (continued)****Shape:**

Round

**Finish:**

White

**Enclosure Material:**

Metal

**Trim Style:**

Smooth

**Lens Finish:**

Frosted

**Lens:**

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

**Compliance****Listings:**

UL Listed

**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® Certified.

**Certification Model Number:**

DLS0175(SUMO-R-7)

**California Title 20 Compliant:**

No

**California Title 24 JA8 Compliant:**

Can be used to conform with the requirements of California Title 24 Part 6.

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

Lawful for Sales in California

**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

**Trade Agreements Act Compliant:**

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

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

SUMO-TRIM-R-7-BLK

7" color trim for slim SUMO round black

SUMO-TRIM-R-7-BN

7" color trim for slim SUMO round brushed nickel

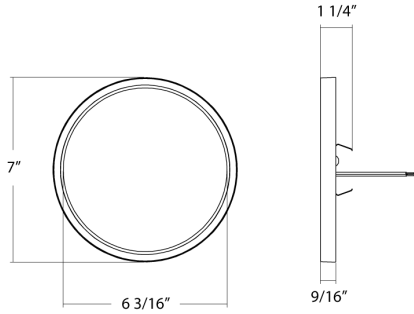
SUMO-TRIM-R-7-BRZ

7" color trim for slim SUMO round bronze

**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](http://rablighting.com/warranty).

**Dimensions**



**Features**

- 5 field-adjustable CCTs: 2700/3000/3500/4000/5000K
- Suitable for wet and damp locations
- Dims down to 10% on compatible TRIAC/ELV dimming systems, see Dimmer Compatibility List
- Meets California Title 24 requirements

**Ordering Matrix**

Family	Shape	Size/Wattage	CRI/Color Temp	Driver	Finish	Options
SUMO	R	7				/BP
<p>R = Round    7 = 7", (14W)    Blank = 90 CRI, 2700/3000/3500/4000/5000K CCT Adjustable    Blank = 120V, TRIAC/ELV    Blank = White    /BP = Bulk Pack</p>						