SUMO-R-7/BP

RAB

Color: White   Weight: 0.8 lbs

Project:		Type:
Prepared By:		Date:

Driver 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

LED Info

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

Nominal Lumens:
1,150lm

Measured Lumens:
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

NEC Compliant:
Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C1).

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
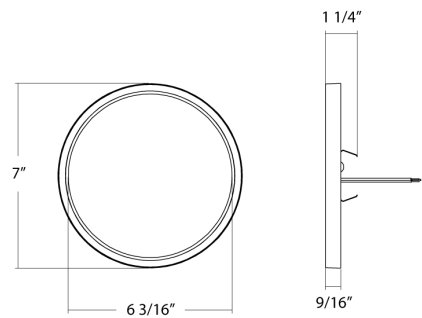7" color trim for slim SUMO round brushed nickel

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.

RAB

Dimensions

1 1/4"

7"

6 3/16"

9/16"

Features

Surface or Recessed mounting options

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
	R = Round	**7 =** 7", 14W	**Blank =** 90 CRI, 2700/3000/3500/4000/5000K CCT Adjustable	**Blank =** 120V, TRIAC/ELV	**Blank =** White	**/BP =** Bulk Pack

Need help? Tech help line: **(888) 722-1000** Email: **techsupport@rablighting.com** Website: **www.rablighting.com**

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