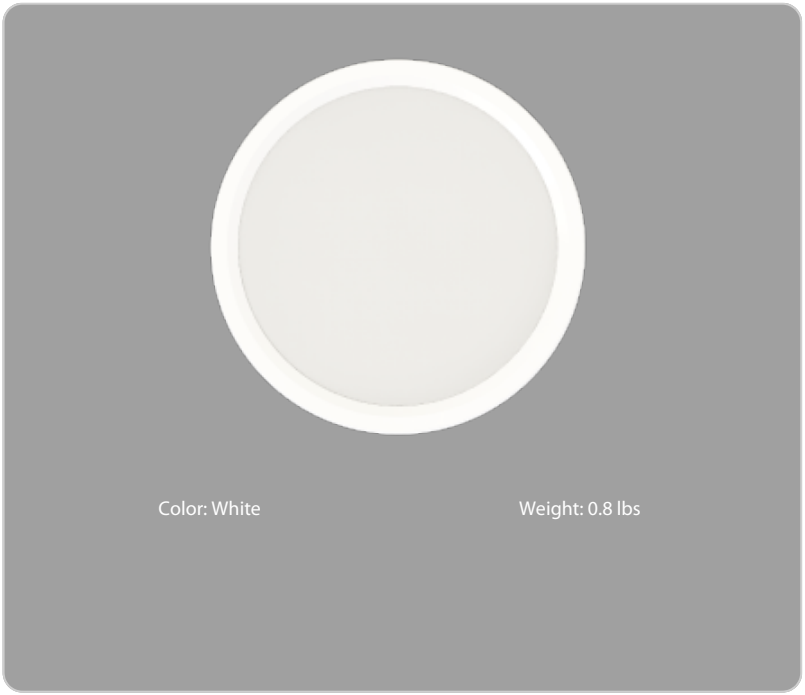
SUMO-R-5



Color: White

Weight: 0.8 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.09A
208V	N/A
240V	N/A
277V	N/A
Input Watts	10W

LED Info

Watts	10W
Color Temp	2700K/3000K/3500K/4000K/5000K
Color Accuracy	90 CRI
L70 Lifespan	50,000 Hours
Lumens	650 lm
Efficacy	65

Technical Specifications

Performance

Product Type:
Surface Mount

Description:
The SUMO offers a sleek, low-profile design that adds a modern look to any new construction or retrofit space. They are affordable and easy to install, with field-adjustable color temperature.

Wattage Equivalency:
40W Incandescent

Input Wattage:
10W

Lumens:
2700K @ 754lm; 3000K @ 792lm; 3500K @ 821lm; 4000K @ 835lm; 5000K @ 825lm

Efficacy:
2700K @ 75lm/W; 3000K @ 79lm/W; 3500K @ 82lm/W; 4000K @ 83lm/W; 5000K @ 82lm/W

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-70 results

Electrical

Driver:
Constant Current, Class 2, 60 Hz, 120V: 0.09A

Power Factor:
≥0.9

Dimmable:
Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems.

Input Voltage:
120V

Operating Frequency:
60 Hz

Input Current @ 120V (mA):
93mA

Operating Temperature:
-4°F to 104°F (-20°C to 40°C)

Flicker:
≤30%

Optical

Beam Angle:
110°±10°

LED Characteristics

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

Color Accuracy (CRI):
>90 CRI

R9 Value:
High color performance with R9 greater than or equal to 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.

Construction

Mounting:
Surface mount

Size:
5.5"

Shape:
Round

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Technical Specifications (continued)

Finish:
White

Enclosure Material:
Metal

Trim Style:
Smooth

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

Compliance

Listings:
UL Listed

Environment:
Suitable for use in dry, damp, and wet environments.

IC Rated:
No

Air Tight:
No

Energy Star Approved:
This product is ENERGY STAR® Version 2.2 Certified.

Certification Model Number:
DLG0014(GR2)

T20 Compliant:
No

California Title 24:
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 Compliant:
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

Accessories:
No compatible accessories

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.

Note:
All values are typical (tolerance +/- 10%)

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.

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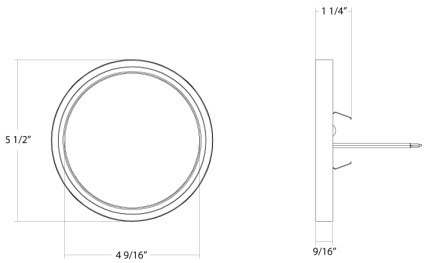
Dimensions



Features

- Surface or Recessed mounting options
- Select from 5 field-adjustable color temperatures 2700K, 3000K, 3500K, 4000K, or 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)	Color Temp	Voltage	Finish
SUMO	R	5			
	R = Round **S =** Square	**5 =** 5.5", (10W) **7 =** 7", (14W) **9 =** 9", (18W)	**Blank =** 2700K/3000K/3500K/4000K/5000K CCT Adjustable	**Blank =** 120V	**Blank =** White

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