



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

Color: White

Weight: 6.9 lbs

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

| Driver Info |                  | LED Info       |                               |
|-------------|------------------|----------------|-------------------------------|
| Type        | Constant Current | Watts          | 35W                           |
| 120V        | 0.32A            | Color Temp     | 2700K/3000K/3500K/4000K/5000K |
| 208V        | 0.18A            | Color Accuracy | 90 CRI                        |
| 240V        | 0.15A            | L70 Lifespan   | 50,000 Hours                  |
| 277V        | 0.14A            | Lumens         | 2,600-2,850 lm                |
| Input Watts | 35W              | Efficacy       | 74-81 lm/W                    |

## Technical Specifications

### Performance

#### Product Type:

Edge-lit Surface Mount

#### Input Wattage:

35W

#### Lumens (Nominal):

5000K: 2,850lm

4000K: 2,810lm

3500K: 2,800lm

3000K: 2,650lm

2700K: 2,600lm

#### Efficacy:

5000K: 81lm/W

4000K: 80lm/W

3500K: 80lm/W

3000K: 76lm/W

2700K: 74lm/W

#### L70 Lifespan:

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

#### Wattage Equivalency:

Equivalent to 200W Incandescent

### Electrical

#### Driver:

Constant Current, Class 2, 50/60 Hz 120-277V, 120V: 0.32A, 208V: 0.18A, 240V: 0.15A, 277V: 0.14A

#### THD:

≤20%

#### Power Factor:

≥0.9

#### Dimmable:

Yes, 0-10V and TRIAC/ELV dims down to 10%.  
See [Dimmer Compatibility List](#).

#### Input Voltage:

120-277V

#### Operating Frequency:

50/60Hz

#### Operating Temperature:

-4°F to 104°F (-20°C to 40°C)

#### Surge Protection:

2.5kV

### LED Characteristics

#### Color Temperature:

Field Adjustable: 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.

### Installation

#### Mounting:

Surface Mount

**Technical Specifications (continued)****Construction**

**Size:**  
24"

**Shape:**  
Round

**Finish:**  
Formulated for high durability and long-lasting color

**Housing Material:**  
Metal

**Trim Style:**  
Smooth

**Lens:**  
Frosted lens constructed from polycarbonate material diffuses light evenly and smoothly

**Compliance**

**Listings:**  
UL Listed

**Environment:**  
Suitable for use in indoor and outdoor application in dry, damp, and wet environments

**UV Protection:**  
Fade-resistant powder spray polyester

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

**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 15B 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****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).

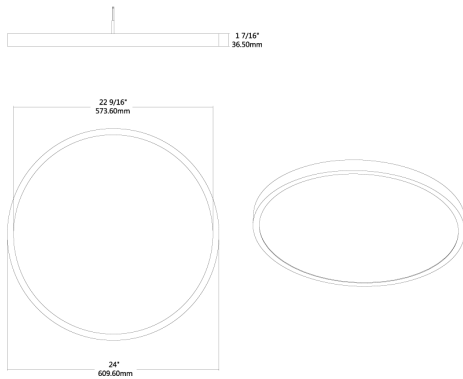
**Note:**

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.

## Dimensions



## Features

Select from 5 field-adjustable color temperatures 5000K, 4000K, 3500K, 3000K, or 2700K

Suitable for indoor/outdoor applications in dry, damp, or wet environments

0-10V and TRIAC/ELV dims down to 10%. See Dimmer Compatibility List

Meets California Title 24 requirements

50,000-Hour LED lifespan

5-Year, No-Compromise Warranty

120V-277V