



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Linear	Watts	22W
120V	0.22A	Color Temp	2700/3000/3500/4000/5000K
208V	N/A	Color Accuracy	90 CRI
240V	N/A	L70 Lifespan	50,000 Hours
277V	N/A	Lumens	1,650 lm
Input Watts	22W	Efficacy	75

Technical Specifications

Performance

Product Type:

Surface Mount

Wattage Equivalency:

125W Incandescent

Input Wattage:

22W

Lumens:

1,650lm

Lumens (Measured):

2700K: 1676lm

3000K: 1709lm

3500K: 1738lm

4000K: 1723lm

5000K: 1619lm

Efficacy:

78lm/W

L70 Lifespan:

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

Driver:

Linear

Electrical

THD:

≤20%

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

Input Current @ 120V (mA):

193mA

Operating Temperature:

-4°F to 104°F (-20 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

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 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

Mounting:

Surface mount

Technical Specifications (continued)**Construction**

Size:
12"

Shape:
Round

Finish:
White

Material:
Metal+Plastic

Trim Style:
Smooth

Lens Finish:
Frosted

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

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:
No

Certification Model Number:
DLS0176(SUMO-R-12)

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.

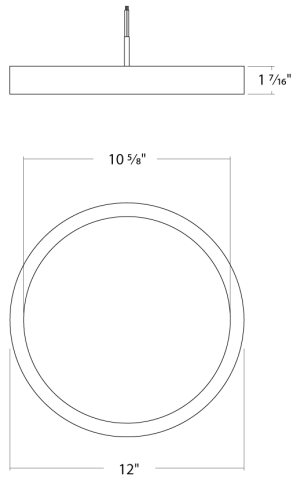
FCC:
Complies with Part 15 of the FCC Rules

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

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.

Dimensions



Features

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	CRI/Color Temp	Driver	Finish	Options
SUMO	R	12				
	R = Round S = Square	5 = 5.5", (10W) 7 = 7", (14W) 9 = 9", (18W) 12 = 12", (22W)	Blank = 90 CRI, 2700/3000/3500/4000/5000K CCT Adjustable	Blank = 120V	Blank = White	Blank = Standard /BP = Bulk Pack