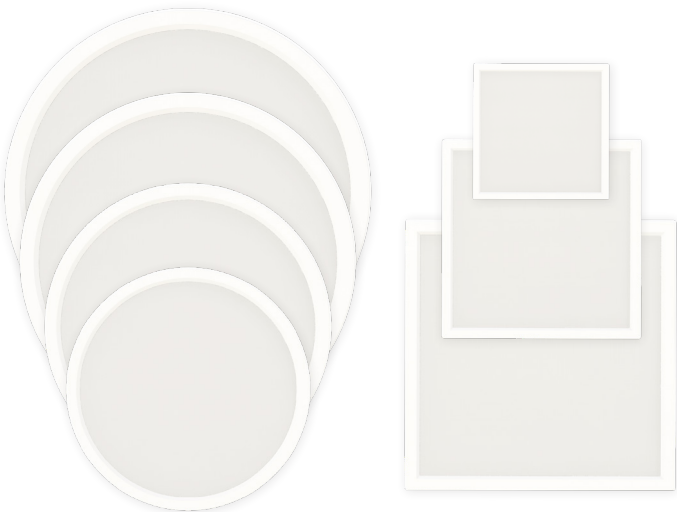


SUMO Field-Adjustable Surface Mount

RAB



Round

Square

5", 7", 9", & 12", Round & Square, Slim Surface Mount Downlight, 120V TRIAC Dimmable

FIELD ADJUSTABLE CCT

90 CRI

50,000 HOURS

WET RATED

TRIAC DIMMABLE

J-BOX MOUNT

120V

PROJECT:

DATE:

TYPE:

PREPARED BY:

5 YEAR NO-COMPROMISE WARRANTY

CERTIFIED

Certified to UL Listed

ENERGY STAR

2022 TITLE 24 PART 6 HIGH EFFICIENCY LED LIGHT SOURCE REQUIREMENTS

RoHS

FCC COMPLIANT

KEY FEATURES

- Super slim design with less than 1" fixture profile
- 5 color temperatures in 1 SKU (2700/3000/3500/4000/5000K)
- Wet and damp location rated can be used indoors or outdoors
- Easy to install on a wide variety of junction boxes
- Color trim accessories available
- 50,000-hr lifespan, Dimmable, & Title 24 compliant

PERFORMANCE

Catalog Number	Size	Shape	Finish	Wattage	Color Temperature	Lumens (lm)	Efficacy (lm/w)	Input Voltage	Dim Type	CRI	L70 Lifespan	Energy Star ID
SUMO-R-5	5.5"	Round	White	10W	2700K	830	83	120V	TRIAC/ELV	90	50,000 Hrs	3555640
					3000K	844	84					
					3500K	879	88					
					4000K	896	90					
					5000K	888	89					
SUMO-R-7	7"			14W	2700K	1,190	85					3555641
					3000K	1,194	85					
					3500K	1,203	86					
					4000K	1,208	86					
					5000K	1,218	87					
SUMO-R-9	9"			18W	2700K	1,506	84					3555642
					3000K	1,514	84					
					3500K	1,596	89					
					4000K	1,622	90					
					5000K	1,617	90					
SUMO-R-12	12"			22W	2700K	1,676	77					No
					3000K	1,709	79					
					3500K	1,738	80					
					4000K	1,723	79					
					5000K	1,619	74					

SUMO Field-Adjustable Surface Mount



PERFORMANCE (CONT'D)

Catalog Number	Size	Shape	Finish	Wattage	Color Temperature	Lumens (lm)	Efficacy (lm/w)	Input Voltage	Dim Type	CRI	L70 Lifespan (Hrs)	Energy Star ID
SUMO-S-5	5.5"	Square	White	10W	2700K	864	86	120V	TRIAC/ELV	90	50,000 Hrs	3555670
					3000K	892	89					
					3500K	915	92					
					4000K	928	93					
					5000K	940	94					
SUMO-S-7	7"			14W	2700K	1,172	84					3555671
					3000K	1,179	84					
					3500K	1,250	89					
					4000K	1,261	90					
					5000K	1,238	88					
SUMO-S-9	9"	18W	2700K	1,471	82	3555672						
			3000K	1,483	82							
			3500K	1,520	84							
			4000K	1,539	86							
			5000K	1,489	83							

Continued on next page

SUMO Field-Adjustable Surface Mount



TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

Slim Style Edge-Lit Surface mount downlight

Fixture Shape

Round & Square

Enclosure Material

Steel heatsink with robust thermal performance Polyester UV resistant Polyester trim ring

Finish

Matte White, fade & Scratch resistant Color trim overlays available, sold separately

Lens

Acrylic lightguide diffuses light evenly & smoothly without hotspots

INSTALLATION

Mounting

Driver on board design allows for extremely thin fixture design without a driver on back, making it simple to install on most common junction boxes. Accessory available to mount fixture to existing recessed housings, sold separately.

COMPLIANCE

Listing

UL Listed

Environment

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

Energy Star Approved

This product is ENERGY STAR® Version 2.2 Certified.

T24 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 & LM80 Testing

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

FCC

Complies with Part 15 of the FCC Rules.

RoHS

Mercury and UV free. RoHS-compliant components.

ELECTRICAL

Dimmable

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

THD

≤20%

Power Factor

≥0.9

Flicker

≤30%

Input Voltage

120V

Operating Frequency

60Hz

Operating Temperature

-4°F to 104°F (-20°C to 40°C)

Beam Angle

110°±10°

LED CHARACTERISTICS

Color Temperature

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

Color Accuracy (CRI)

>90

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.

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.

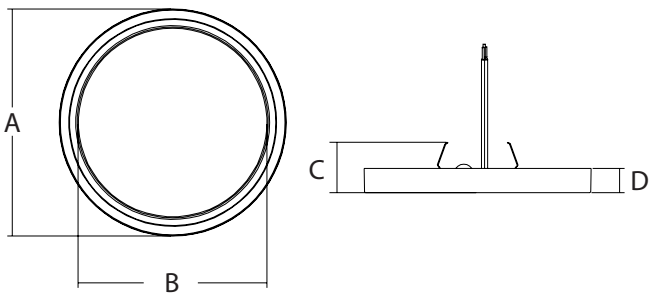
Note

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

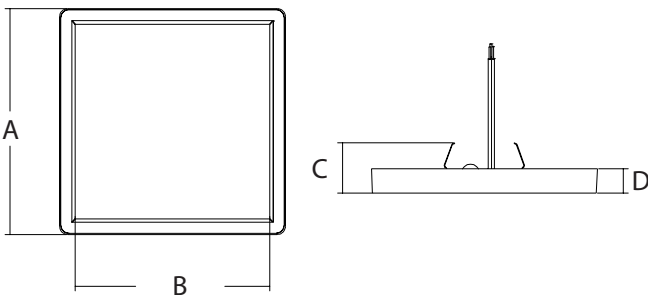
SUMO Field-Adjustable Surface Mount



DIMENSIONS



Catalog Number	Weight	A	B	C	D
SUMO-R-5	0.81 lb	5 1/2"	4 9/16"	1 1/4"	9/16"
SUMO-R-7	1.08 lbs	7"	6 3/16"	1 1/4"	9/16"
SUMO-R-9	1.52 lbs	9"	8 3/16"	1 1/4"	9/16"
SUMO-R-12	1.96 lbs	12"	10 5/8"	1 1/4"	1 7/16"



Catalog Number	Weight	A	B	C	D
SUMO-S-5	0.90 lb	5 1/2"	4 11/16"	1 1/4"	9/16"
SUMO-S-7	1.26 lbs	7"	6 3/16"	1 1/4"	9/16"
SUMO-S-9	1.80 lbs	9"	8 3/16"	1 1/4"	9/16"

ACCESSORIES

Note: See Downlight Accessory Compatibility Guide at rablighting.com.

5.5" Color trim



Black



Brushed Nickel



Bronze

7" Color trim



Black



Brushed Nickel



Bronze

9" Color trim



Black



Brushed Nickel



Bronze

Catalog Number	UPC	Description
SUMO-TRIM-R-5-BLK	192552039918	Color trim for 5.5" SM round black smooth
SUMO-TRIM-R-5-BN	192552039925	Color trim for 5.5" SM round brushed nickel smooth
SUMO-TRIM-R-5-BRZ	192552039932	Color trim for 5.5" SM round bronze smooth
SUMO-TRIM-R-7-BLK	192552039949	Color trim for 7" SM round black smooth
SUMO-TRIM-R-7-BN	192552039956	Color trim for 7" SM round brushed nickel smooth
SUMO-TRIM-R-7-BRZ	192552039963	Color trim for 7" SM round bronze smooth
SUMO-TRIM-R-9-BLK	192552039970	Color trim for 9" SM round black smooth
SUMO-TRIM-R-9-BN	192552039987	Color trim for 9" SM round brushed nickel smooth
SUMO-TRIM-R-9-BRZ	192552039994	Color trim for 9" SM round bronze smooth

ORDERING INFO

Catalog Number	UPC	Description	Case Pack
SUMO-R-5	192552028844	5.5" SLIM SM RD 10W CRI90 27/30/35/40/50CCT	4
SUMO-R-7	192552028851	7" SLIM SM RD 14W CRI90 27/30/35/40/50CCT	4
SUMO-R-9	192552028868	9" SLIM SM RD 18W CRI90 27/30/35/40/50CCT	4
SUMO-R-12	192552024662	SLIM SM XL 12" RD WH 24W 1800LM CRI90 5CCT 120V	4
SUMO-S-5	192552028875	5.5" SLIM SM SQ 10W CRI90 27/30/35/40/50CCT	4
SUMO-S-7	192552028882	7" SLIM SM SQ 14W CRI90 27/30/35/40/50CCT	4
SUMO-S-9	192552028899	9" SLIM SM SQ 18W CRI90 27/30/35/40/50CCT	4

ORDERING MATRIX

Family	Shape		Size		Color Temperature		Voltage		Finish	
SUMO	-		-							
	R	Round	5	5.5" (10W)	Blank	Field-Adjustable	Blank	120V	Blank	White
	S	Square	7	7" (14W)		2700/3000/3500/4000/5000K				
			9	9" (18W)						
			12	2" (22W)*						

* Downward angled

* Round model only

SUMO Field-Adjustable Surface Mount



Dimmer Compatibility List

Visit www.rablighting.com for periodic updates to this list or contact us at 888-722-1000 for questions or comments.

Dimmer Information			Number of Lights			
Dimmer Brand	Series	Dimmer Model	1	4	8	10
LUTRON	Maestro C-L	MACL-153M	✓	✓		
LUTRON	Skylark	CTCL-153PDH-WH	✓	✓		
LUTRON	Skylark C-L	SCL-153P	✓	✓		
LUTRON	Diva C-L	DVCL-153P	✓	✓		
LUTRON	Diva C-L	DVWCL-153PH-WH	✓	✓		
LUTRON	Toggler	TGCL-153PH-WH	✓	✓		
LEVITON	Sureslide	Cat.NO.6674	✓	✓		
LEGRAND	Harmony	DCL453PTCCCV6	✓	✓	✓	✓
LEGRAND	Harmony	HCL453PTCCCV6	✓	✓	✓	✓
RAB		XDIM	✓	✓	✓	✓