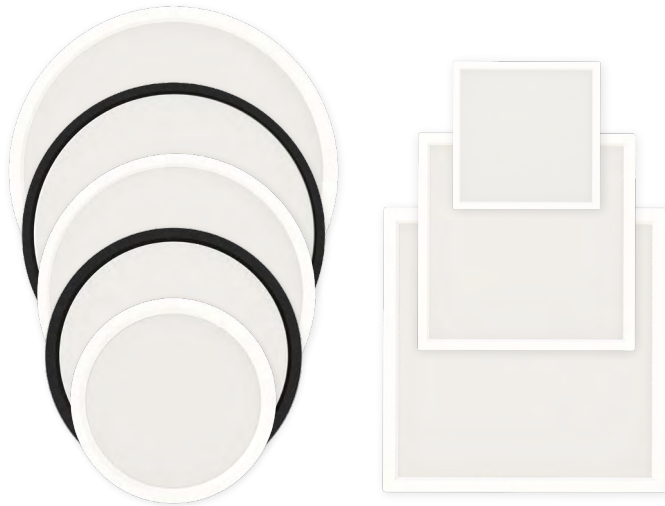


SUMO Field-Adjustable Surface Mount



Round

Square

5.5", 7", 9", 12", & 15", Round & Square,
120V TRIAC Dimmable



PROJECT:

DATE:

TYPE:

PREPARED BY:



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 and battery backup accessories sold separately
- 50,000-hr lifespan, Dimmable, & Title 24 compliant

PERFORMANCE

Catalog Number	Size	Shape	Wattage Equivalency	Wattage	Lumens	Efficacy	Dim Type	Input Voltage	Color Temperature
SUMO-R-5	5.5 in	Round	60W Incandescent	10W	890 lm	89 lm/w	TRIAC/ELV	120V	Field adjustable via dip switch 2700/3000/3500/4000/5000K
SUMO-R-5K					820 lm	82 lm/W			
SUMO-S-5		Square			900 lm	90 lm/w			
SUMO-R-7	7 in	Round	75W Incandescent	14W	1,200 lm	86 lm/w			
SUMO-R-7/BP					1,200 lm	86lm/w			
SUMO-R-7K					1,150 lm	82 lm/W			
SUMO-S-7		Square			1,200 lm	86 lm/w			
SUMO-R-9	9 in	Round	100W Incandescent	18W	1,600 lm	89 lm/w			
SUMO-R-9K					1,500 lm	83 lm/W			
SUMO-S-9		Square			1,530 lm	85 lm/w			
SUMO-R-12	12 in	Round	100W Incandescent	22W	1,500 lm	83 lm/W			
SUMO-R-12K					1,650 lm	70 lm/W			
SUMO-R-15	15 in		150W Incandescent	28W	2,000 lm	70 lm/W			
SUMO-R-15K					2,000 lm	70 lm/W			

SUMO Field-Adjustable Surface Mount



PERFORMANCE (cont'd)

Catalog Number	Shape	Wattage	Color Temperature	Efficacy (lm/w)	Lumens	Equivalency
SUMO-R-5 SUMO-R-5K	Round	10W	2700K	83	830	60W
			3000K	84	844	
			3500K	88	879	
			4000K	90	896	
			5000K	89	888	
SUMO-S-5	Square	10W	2700K	86	864	60W
			3000K	89	892	
			3500K	92	915	
			4000K	93	928	
			5000K	94	940	
SUMO-R-7 SUMO-R-7K SUMO-R-7/BP	Round	14W	2700K	85	1190	75W
			3000K	85	1194	
			3500K	86	1203	
			4000K	86	1208	
			5000K	87	1218	
SUMO-S-7	Square	14W	2700K	84	1172	75W
			3000K	84	1179	
			3500K	89	1250	
			4000K	90	1261	
			5000K	88	1238	
SUMO-R-9 SUMO-R-9K	Round	18W	2700K	84	1506	100W
			3000K	84	1514	
			3500K	89	1596	
			4000K	90	1622	
			5000K	90	1617	
SUMO-S-9	Square	18W	2700K	82	1471	100W
			3000K	82	1483	
			3500K	84	1520	
			4000K	86	1539	
			5000K	83	1489	
SUMO-R-12 SUMO-R-12K	Round	22W	2700K	81	1742	100W
			3000K	83	1767	
			3500K	84	1788	
			4000K	82	1762	
			5000K	76	1661	
SUMO-R-15 SUMO-R-15K	Round	28W	2700K	69	1885	150W
			3000K	72	1974	
			3500K	76	2069	
			4000K	78	2128	
			5000K	77	2120	

SUMO Field-Adjustable Surface Mount



TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

Slim style edge-lit surface mount downlight

Size

5.5", 7", 9", 12", 15"

Shape

Round & Square

Trim Style

Smooth

Enclosure Material

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

Finish

Matte White or Black, fade & scratch resistant

Note: Square models only available in matte white

Lens Finish

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.

ELECTRICAL

Dimmable

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

Driver

Constant Current @ 120V, 60 Hz: 130 mA

Input Voltage

120V

Operating Frequency

60Hz

Operating Temperature

-4°F to 104°F (-20°C to 40°C)

THD

≤20%

Power Factor

≥0.9

Flicker

≤30%

LED CHARACTERISTICS

Beam Angle

110°±10°

Color Temperature

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

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.

COMPLIANCE

Listing

UL Listed

Environment

Suitable for use indoors and outdoors in dry, damp, or wet environments.

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.

RoHS

Mercury and UV free. RoHS-compliant components.

FCC

Complies with Part 15 of the FCC Rules.

WARRANTY

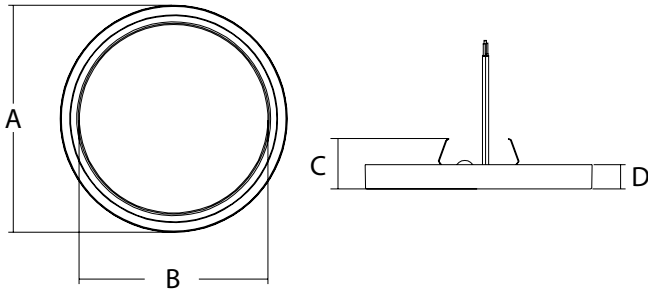
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

SUMO Field-Adjustable Surface Mount

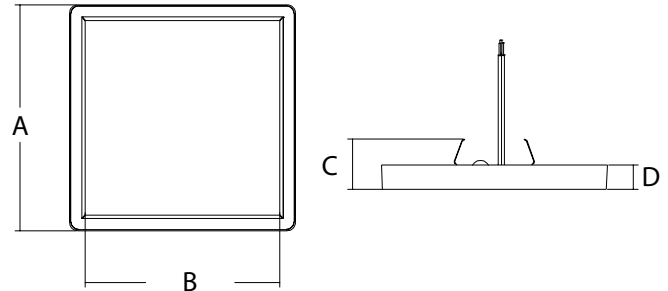


DIMENSIONS

ROUND



SQUARE



Catalog Number	Weight	A	B	C	D
SUMO-R-5	0.62 lb	5 1/2"	4 9/16"	1 1/4"	9/16"
SUMO-R-5K	0.62 lb	5 1/2"	4 9/16"	1 1/4"	9/16"
SUMO-R-7	0.85 lbs	7"	6 3/16"	1 1/4"	9/16"
SUMO-R-7K	0.85 lbs	7"	6 3/16"	1 1/4"	9/16"
SUMO-R-7/BP	0.85 lbs	7"	6 3/16"	1 1/4"	9/16"
SUMO-R-9	1.18 lbs	9"	8 3/16"	1 1/4"	9/16"
SUMO-R-9K	1.18 lbs	9"	8 3/16"	1 1/4"	9/16"
SUMO-R-12	1.44 lbs	12"	11 1/16"	1 1/4"	9/16"
SUMO-R-12K	1.44 lbs	12"	11 1/16"	1 1/4"	9/16"
SUMO-R-15	2.60 lbs	15"	14"	1 1/4"	9/16"
SUMO-R-15K	2.60 lbs	15"	14"	1 1/4"	9/16"

Catalog Number	Weight	A	B	C	D
SUMO-S-5	0.62 lb	5 1/2"	4 11/16"	1 1/4"	9/16"
SUMO-S-7	0.85 lbs	7"	6 3/16"	1 1/4"	9/16"
SUMO-S-9	1.18 lbs	9"	8 3/16"	1 1/4"	9/16"

ACCESSORIES

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	5.5" Color trim round black
SUMO-TRIM-R-5-BN	192552039925	5.5" Color trim round brushed nickel
SUMO-TRIM-R-5-BRZ	192552039932	5.5" Color trim round bronze
SUMO-TRIM-R-7-BLK	192552039949	7" Color trim round black
SUMO-TRIM-R-7-BN	192552039956	7" Color trim round brushed nickel
SUMO-TRIM-R-7-BRZ	192552039963	7" Color trim round bronze
SUMO-TRIM-R-9-BLK	192552039970	9" Color trim round black
SUMO-TRIM-R-9-BN	192552039987	9" Color trim round brushed nickel
SUMO-TRIM-R-9-BRZ	192552039994	9" Color trim round bronze

SUMO Field-Adjustable Surface Mount



ACCESSORIES (cont'd)

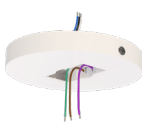
BATTERY BACKUP MODULE



EMB-R-5



EMB-R-7



EMB-R-9

BATTERY BACKUP MODULE – EMPTY CASE



EMB-R-5/EC



EMB-R-7/EC

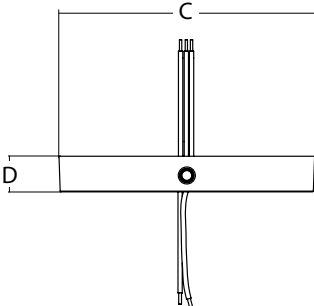
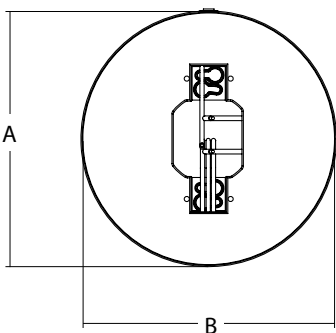


EMB-R-9/EC

Catalog Number	UPC	Description
EMB-R-5	192552060165	5.5" Battery backup module
EMB-R-7	192552060172	7" Battery backup module
EMB-R-9	192552060189	9" Battery backup module
EMB-R-5/EC	192552060196	5.5" Battery backup empty case
EMB-R-7/EC	192552060202	7" Battery backup empty case
EMB-R-9/EC	192552060219	9" Battery backup empty case

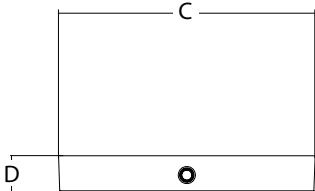
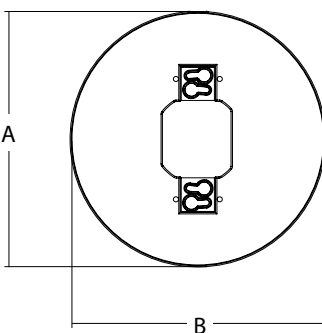
DIMENSIONS – ACCESSORIES

BACKUP MODULES



Catalog Number	Weight	A	B	C	D
EMB-R-5	0.73 lbs	5 9/16"	5 9/16"	5 9/16"	1 1/16"
EMB-R-7	0.81 lbs	7 1/8"	7 1/16"	7 1/16"	1"
EMB-R-9	1.32 lbs	9 1/8"	9 1/16"	9 1/16"	1 3/16"

EMPTY CASES



Catalog Number	Weight	A	B	C	D
EMB-R-5/EC	0.73 lbs	5 9/16"	5 9/16"	5 9/16"	1 1/16"
EMB-R-7/EC	0.81 lbs	7 1/8"	7 1/16"	7 1/16"	1"
EMB-R-9/EC	1.32 lbs	9 1/8"	9 1/16"	9 1/16"	1 3/16"

SUMO Field-Adjustable Surface Mount



ORDERING INFO

Catalog Number	UPC	Model Number	Case Pack
SUMO-R-5	192552060295	DLS0174(SUMO-R-5)	0
SUMO-R-7	192552060301	DLS0175(SUMO-R-7)	0
SUMO-R-7/BP	192552060318	DLS0175(SUMO-R-7)	12
SUMO-R-9	192552060325	DLS0176(SUMO-R-9)	0
SUMO-S-5	192552060332	DLS0177(SUMO-S-5)	0
SUMO-S-7	192552060349	DLS0178(SUMO-S-7)	4
SUMO-S-9	192552060165	DLS0179(SUMO-S-9)	4
SUMO-R-5K	192552060172	DLS0196 (SUMO-R-5K)	4
SUMO-R-7K	192552060189	DLS0197 (SUMO-R-7K)	4
SUMO-R-9K	192552060196	DLS0198 (SUMO-R-9K)	4
SUMO-R-12K	192552060202	DLS0199 (SUMO-R-12K)	4
SUMO-R-15	192552060219	DLS0200 (SUMO-R-15)	6
SUMO-R-15K	192552060349	DLS0201 (SUMO-R-15K)	6

ORDERING MATRIX

Family	Shape	Size	Color Temperature	Driver	Finish	Options
SUMO	— —					
	R Round S* Square	5 5.5" (10W) 7 7" (14W) 9 9" (18W) 12 12" (22W) 15 15" (28W)	Blank Field-Adjustable 2700/3000/3500/4000/5000K	Blank 120V, TRIAC/ELV	Blank K White Black	Blank /BP** None Bulk Pack

*Square shape only available in white finish for 5.5", 7", & 9" models

**Bulk pack only available in 7" round white models

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	6674	✓	✓		
LEGRAND	Harmony	DCL453PTCCCV6	✓	✓	✓	✓
LEGRAND	Harmony	HCL453PTCCCV6	✓	✓	✓	✓
RAB	XDIM	XDIM[/LCB][S]	✓	✓	✓	✓