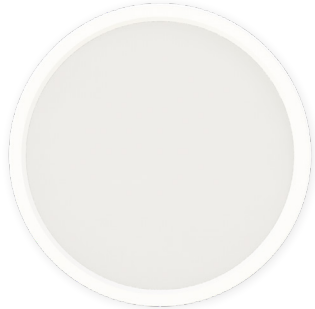
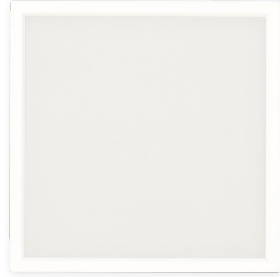


SUMO Field-Adjustable Surface Mount



Round



Square

Stylish, slim, versatile surface mount fixtures



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



Certified to UL Listed



KEY FEATURES

- Surface and recessed mounting options
- 5 color temperatures in 1 SKU (2700/3000/3500/4000/5000K)
- 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
- 50,000-hour lifespan

PERFORMANCE

Catalog Numberw	Size	Shape	Wattage Equivalency	Input Wattage	Input Voltage	Lumens	Efficacy	Dim Type	CRI	L70 Lifespan
SUMO-R-5	5.5"	Round	40W Incandescent	10W	120V	650 lm	65 lm/W	TRIAC/ELV	90+	50,000 hr
SUMO-R-7	7"	Round	60W Incandescent	14W	120V	900 lm	64 lm/W	TRIAC/ELV		
SUMO-R-9	9"	Round	75W Incandescent	18W	120V	1,150 lm	64 Lm/W	TRIAC/ELV		
SUMO-S-5	5.5"	Square	40W Incandescent	10W	120V	600 lm	60 lm/W	TRIAC/ELV		
SUMO-S-7	7"	Square	60W Incandescent	14W	120V	850 lm	61 lm/W	TRIAC/ELV		
SUMO-S-9	9"	Square	75W Incandescent	18W	120V	1,100 lm	61 lm/W	TRIAC/ELV		
SUMOFA-7R-12-95CCT-UNV-W	7"	Round	60W Incandescent	12W	120-277V	950 lm	79 lm/W	TRIAC/ELV or 0-10V		
SUMOFA-7R-12-95CCT-UNVT-W	7"	Round	60W Incandescent	12W	120-277V	950 lm	79 lm/W	TRIAC/ELV		
SUMOFA-9R-16-95CCT-UNV-W	9"	Round	100W Incandescent	16W	120-277V	1,300 lm	81 Lm/W	TRIAC/ELV or 0-10V		
SUMOFA-9R-16-95CCT-UNVT-W	9"	Round	100W Incandescent	16W	120-277V	1,300 lm	81 lm/W	TRIAC/ELV		

SUMO Field-Adjustable Surface Mount



PERFORMANCE (CONT'D)

Catalog Number	Wattage	CCT	Efficacy	Lumens	Wattage Equivalency
SUMO-R-5	10W	2700K	75 lm/W	754 lm	40W Incandescent
		3000K	79 lm/W	792 lm	
		3500K	82 lm/W	821 lm	
		4000K	83 lm/W	835 lm	
		5000K	82 lm/W	825 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Wattage Equivalency
SUMO-R-7	14W	2700K	73 lm/W	993 lm	60W Incandescent
		3000K	75 lm/W	1,032 lm	
		3500K	78 lm/W	1,072 lm	
		4000K	80 lm/W	1,092 lm	
		5000K	81 lm/W	1,110 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Wattage Equivalency
SUMO-R-9	18W	2700K	68 lm/W	1,182 lm	75W Incandescent
		3000K	70 lm/W	1,221 lm	
		3500K	73 lm/W	1,278 lm	
		4000K	75 lm/W	1,305 lm	
		5000K	74 lm/W	1,299 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Wattage Equivalency
SUMO-S-5	10W	2700K	66 lm/W	653 lm	40W Incandescent
		3000K	69 lm/W	676 lm	
		3500K	72 lm/W	699 lm	
		4000K	73 lm/W	709 lm	
		5000K	71 lm/W	700 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Wattage Equivalency
SUMO-S-7	14W	2700K	66 lm/W	913 lm	60W Incandescent
		3000K	70 lm/W	973 lm	
		3500K	74 lm/W	1,027 lm	
		4000K	76 lm/W	1,042 lm	
		5000K	72 lm/W	1,009 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Wattage Equivalency
SUMO-S-9	18W	2700K	65 lm/W	1,104 lm	75W Incandescent
		3000K	69 lm/W	1,162 lm	
		3500K	75 lm/W	1,234 lm	
		4000K	75 lm/W	1,251 lm	
		5000K	71 lm/W	1,209 lm	

SUMO Field-Adjustable Surface Mount



PERFORMANCE (CONT'D)

Catalog Number	Wattage	CCT	Efficacy	Lumens	Wattage Equivalency
SUMOFA-7R-12-95CCT-UNVT-W SUMOFA-7R-12-95CCT-UNV-W	12W	2700K	79 lm/W	950 lm	60W Incandescent
		3000K	81 lm/W	970 lm	
		3500K	83 lm/W	1,000 lm	
		4000K	85 lm/W	1,020 lm	
		5000K	82 lm/W	985 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Wattage Equivalency
SUMOFA-9R-16-95CCT-UNVT-W SUMOFA-9R-16-95CCT-UNV-W	16W	2700K	81 lm/W	1,300 lm	100W Incandescent
		3000K	83 lm/W	1,330 lm	
		3500K	85 lm/W	1,360 lm	
		4000K	86 lm/W	1,375 lm	
		5000K	84 lm/W	1,345 lm	

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

Surface Mount

Fixture Shape

Round, Square

Enclosure Material

Metal

Finish

White

Lens

Polycarbonate

Trim Style

Smooth

INSTALLATION

Mounting

SUMO-R, SUMO-S: Surface mount

SUMOFA: Surface mount or recessed; mounting sold separately

ELECTRICAL

Dimmable

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

(SUMOFA-7R-12-95CCT-UNVT-W, SUMOFA-9R-16-95CCT-UNVT-W: dimmable down to 10% on compatible TRIAC or 0-10V dimming systems, requires separate 0-10V DC dimming circuit. See Dimmer Compatibility List.)

THD

≤20%

Power Factor

≥0.9

Flicker

≤30%

Input Voltage

120V, 120-277V

Operating Frequency

60Hz

Operating Temperature

-4°F to 104°F (-20°C to 40°C)

Beam Angle

110°±10°

TECHNICAL SPECIFICATIONS (CONT'D)

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.

IC Rated

No

Air Tight

No

DLC Listed

No. There is no product category on the Design Lights Consortium (DLC) Qualified Products List for this product to qualify under.

T20 Compliant

No.

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.

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 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.

OTHER

Warranty

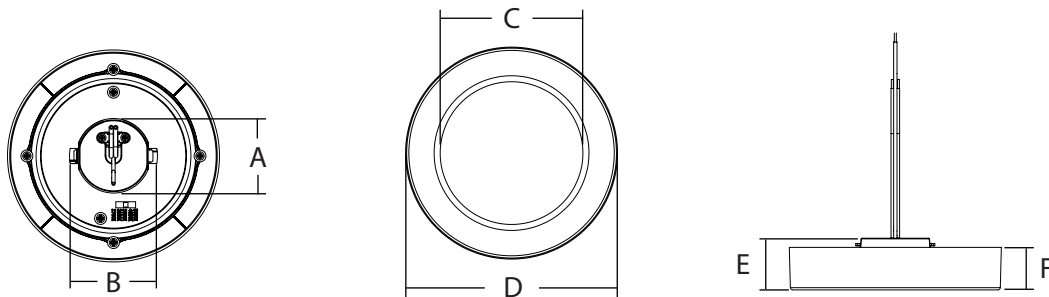
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Note

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

DIMENSIONS

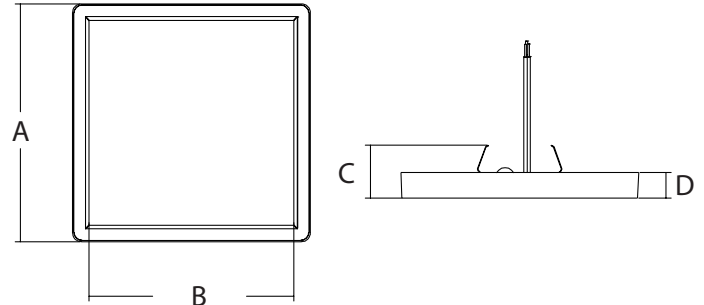
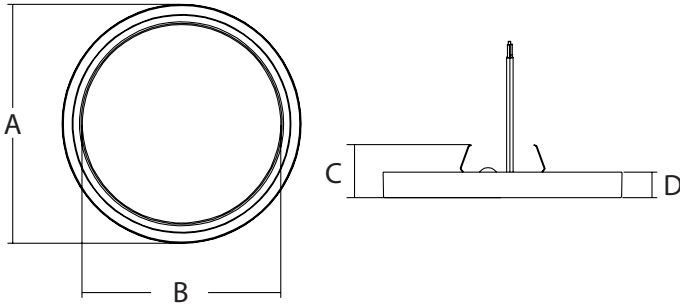


Catalog Number	Weight	A	B	C	D	E	F
SUMOFA-7R-12-95CCT-UNV-W SUMOFA-7R-12-95CCT-UNVT-W	0.92 lb	1 15/16"	2 1/4"	5"	7"	1 5/16"	1 1/8"
SUMOFA-9R-16-95CCT-UNV-W SUMOFA-9R-16-95CCT-UNVT-W	1.28 lbs	1 15/16"	2 1/4"	6 15/16"	9"	1 5/16"	1 1/8"

SUMO Field-Adjustable Surface Mount



DIMENSIONS (CONT'D)

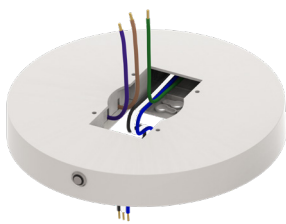


Catalog Number	Weight	A	B	C	D
SUMO-R-5	0.81 lb	5 1/2"	4 9/16"	1 1/4"	9/16"
SUMO-R-7	1.08 lbs	7"	6 3/16"	1 1/4"	9/16"
SUMO-R-9	1.52 lbs	9"	8 3/16"	1 1/4"	9/16"

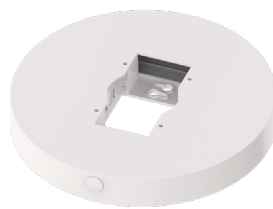
Catalog Number	Weight	A	B	C	D
SUMO-S-5	0.90 lb	5 1/2"	4 11/16"	1 1/4"	9/16"
SUMO-S-7	1.26 lbs	7"	6 3/16"	1 1/4"	9/16"
SUMO-S-9	1.80 lbs	9"	8 3/16"	1 1/4"	9/16"

ACCESSORIES

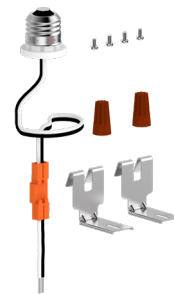
Note: See Downlight Accessory Compatibility Guide at rablighting.com.



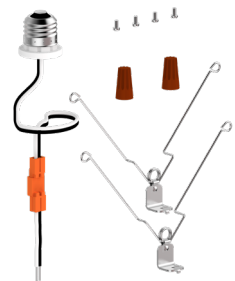
SM-9R-W/EMBB



SM-9R-CASE



SUMO-4IN-RETROFIT



SUMO-6IN-RETROFIT

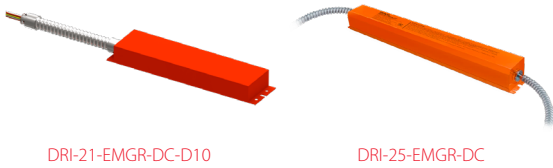
Catalog Number	UPC	Description
SM-9R-W/EMBB	192552018449	Emergency battery backup driver (field installed)
SM-9R-CASE	192552029056	Extender for 9" SUMO

Catalog Number	UPC	Description
SUMO-4IN-RETROFIT	192552013376	Mounting hardware for 4" recessed housing
SUMO-6IN-RETROFIT	192552013383	Mounting hardware for 6" recessed housing

SUMO Field-Adjustable Surface Mount



ACCESSORIES (CONT'D)



DRI-21-EMGR-DC-D10

DRI-25-EMGR-DC

Catalog Number	UPC	Description
DRI-21-EMGR-DC-D10	192552028264	Emergency battery backup driver (<i>field installed</i>) T20 Compliant
DRI-25-EMGR-DC	019813519180	Emergency battery backup driver (<i>field installed</i>)

5.5" Color trim

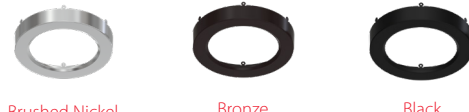


Brushed Nickel

Bronze

Black

7" Color trim



Brushed Nickel

Bronze

Black

9" Color trim



Brushed Nickel

Bronze

Black

Catalog Number	UPC	Description
SM-TRIM-5.5R-BNS	192552018890	Color trim for 5.5" SM round brushed nickel smooth
SM-TRIM-5.5R-BRS	192552018906	Color trim for 5.5" SM round bronze smooth
SM-TRIM-5.5R-BS	192552018883	Color trim for 5.5" SM round black smooth
SM-TRIM-7R-BNS	192552018920	Color trim for 7" SM round brushed nickel smooth
SM-TRIM-7R-BRS	192552018937	Color trim for 7" SM round bronze smooth
SM-TRIM-7R-BS	192552018913	Color trim for 7" SM round black smooth
SM-TRIM-9R-BNS	192552018951	Color trim for 9" SM round brushed nickel smooth
SM-TRIM-9R-BRS	192552018968	Color trim for 9" SM round bronze smooth
SM-TRIM-9R-BS	192552018944	Color trim for 9" SM round black smooth

ORDERING INFO

Catalog Number	Certification Model Number	UPC	Case Pack
SUMO-R-5	DLS0174(SUMO-R-5)	192552028844	4
SUMO-R-7	DLS0175(SUMO-R-7)	192552028851	4
SUMO-R-9	DLS0176(SUMO-R-9)	192552028868	4
SUMO-S-5	DLS0177(SUMO-S-5)	192552028875	4
SUMO-S-7	DLS0178(SUMO-S-7)	192552028882	4
SUMO-S-9	DLS0179(SUMO-S-9)	192552028899	4
SUMOFA-7R-12-95CCT-UNVT-W	DLS0090(SUMOFA-7R-12-95CCT-UNVT-W)	192552013192	4
SUMOFA-7R-12-95CCT-UNV-W	DLS0091(SUMOFA-9R-16-95CCT-UNVT-W)	192552013215	4
SUMOFA-9R-16-95CCT-UNVT-W	DLS0092(SUMOFA-7R-12-95CCT-UNV-W)	192552013208	4
SUMOFA-9R-16-95CCT-UNV-W	DLS0093(SUMOFA-9R-16-95CCT-UNV-W)	192552013222	4

SUMO Field-Adjustable Surface Mount



ORDERING MATRIX

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

Family	Size	Shape		Wattage		CRI/Color Temp	Voltage	Finish			
SUMOFA	-			-		95CCT					
	7	7" R	Round	12	12W (7")	95CCT	90 CRI, Field-Adjustable	UNV	120-277V, 0-10V Dimming	W	White
	9	9" S	Square	16	16W (9")		2700K/3000K/3500K/4000K/5000K	UNVT	120-277V, TRIAC Dimming		