

# SAGE: MUSHROOM Landscape Lighting



SA-MUWP  
Wall Sconce



SA-MUB  
Bollard



PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_



## KEY FEATURES

- SAGE MUSHROOM is available in two models:  
SA-MUWP: Wall Sconce  
SA-MUB: Bollard
- CCT: 3000K or RGBW color tuning with Lightcloud Blue
- RGB models directly connect to the Lightcloud Blue mobile app via Bluetooth. No Gateway or Hub required
- Voltage Rating: 120-277V
- IP65 rated
- 5-year, limited warranty

Color-tunable, architectural landscape lighting



**IP65**  
IP RATING



\* Select Models

## PERFORMANCE

SA-MUB/RGB	RED	GREEN	BLUE	2200K	2700K	3000K	3500K	4000K	SA-MUB	3000K
INPUT WATTS	2.38W	2.37W	2.36W	3.30W	3.81W	4.30W	6.61W	8.23W	INPUT WATTS	8.25W
LUMENS	11	25	3	31	50	68	145	221	LUMENS	243
EFFICACY	4.6	10.5	1.3	9.4	13.1	15.8	21.9	26.9	EFFICACY	29.5
CRI				63	80	89	93	85	CRI	83
VOLTAGE RATINGS	120-277V								VOLTAGE RATINGS	120-277V

SA-MUWP/RGB	RED	GREEN	BLUE	2200K	2700K	3000K	3500K	4000K	SA-MUWP	3000K
INPUT WATTS	2.37W	2.37W	2.36W	3.27W	3.75W	4.20W	5.70W	8.25W	INPUT WATTS	8.46W
LUMENS	11	26	3	32	50	66	118	227	LUMENS	257
EFFICACY	4.6	11	1.3	9.8	13.3	15.7	20.7	27.5	EFFICACY	30.4
CRI				60	79	88	95	85	CRI	83
VOLTAGE RATINGS	120-277V								VOLTAGE RATINGS	120-277V

### Lifespan

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

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## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

#### Cold Weather Starting

Minimum starting temperature is -40°C (-40°F)

#### Maximum Ambient Temperature

Suitable for use in up to 45°C (113°F)

#### Housing

Die-cast aluminum

#### Mounting

**SA-MUWP:** Octangular J-Box or bracket for the wall-mount (J-Box not provided)

**SA-MUB:** 3pcs anchor bolts for mounting

#### Lens

Polycarbonate

#### Gaskets

Silicone

#### Green Technology

Mercury and UV free. RoHS-compliant components.

#### Finish

Formulated for high durability and long lasting color. Available in matte bronze finish.

#### IP Rating

Ingress protection of IP65 for dust and water

### COMPLIANCE

#### UL Listed

Suitable for wet locations

### ELECTRICAL

#### Drivers:

Constant Current, Class 2, 120V, 50/60 Hz

**SA-MUB:** 0.07A@120V, 0.04A @208V, 0.04A @240V, 0.04A @277V

**SA-MUWP:** 0.07A@120V, 0.04A @208V, 0.04A @240V, 0.04A @277V

#### Surge Protection

2kV (L-N)

THD / Power factor:

MODEL#	THD	PF	THD	PF
	120V		277V	
SA-MUB	8.4%	99.0%	21.8%	90.2%
SA-MUWP	9.4%	98.9%	21.0%	90.3%
SA-MUWP/RGB:				
RED	17.5%	90.3%	19.2%	49.4%
GREEN	17.5%	90.2%	19.4%	49.2%
BLUE	17.5%	90.2%	19.2%	49.3%
2200K	12.0%	95.2%	16.8%	59.7%
2700K	12.2%	96.2%	15.6%	64.5%
3000K	11.4%	96.9%	14.4%	68.2%
3500K	11.3%	98.1%	11.7%	78.0%
4000K	8.8%	99.0%	9.1%	87.0%

### ELECTRICAL

THD / Power factor (Continued):

MODEL#	THD	PF	THD	PF
	120V		277V	
SA-MUB/RGB				
RED	14.5%	91.3%	17.9%	50.5%
GREEN	15.2%	91.3%	18.2%	50.2%
BLUE	14.8%	91.2%	18.1%	50.4%
2200K	12.3%	95.7%	15.3%	61.7%
2700K	11.9%	96.6%	14.3%	66.5%
3000K	11.7%	97.3%	12.8%	70.5%
3500K	10.8%	98.6%	9.9%	82.9%
4000K	9.5%	99.0%	8.7%	87.8%

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

### LED CHARACTERISTICS

#### LEDs

Long-life, high-efficacy, surface-mount LEDs

#### Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standards for Specifications for the Chromaticity of Solid State Lighting (SLL) Products, ANSI C78.377-2017.

#### Color Temperature

Default: 3000K

/RGB models are adjustable using the Lightcloud Blue mobile app

Tunable White 2200K - 4000K

16+ million RGB color

### LIGHTCLOUD BLUE

#### LIGHTCLOUD BLUE ENABLED

Lightcloud Blue (LCB) is a Bluetooth Mesh wireless lighting control System that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA (Interior); NHCZ2BIA17L (Exterior)

Learn more at [www.lightcloud.com](http://www.lightcloud.com)

### OTHER

#### Warranty

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

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## DIMENSIONS

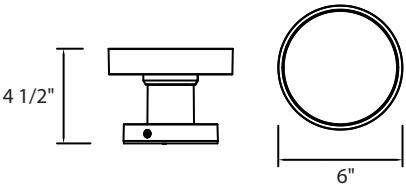
SA-MUB

Weight: 4.63 lbs



SA-MUWP

Weight: 1.98 lbs



## ORDERING MATRIX

### SAGE (MUSHROOM)

FAMILY		SHAPE		TYPE		CCT		FINISH		DRIVER		OPTIONS	
SA		-		MU									
		MU		Mushroom		WP B		Wall Sconce Bollard		BLANK		3000K	
						BLANK		2200K-4000K *		BLANK		Matte Bronze	
								Tunable White		BLANK		120-277V	
										Blank /RGB		No Option 16+ million colors	

\* Applies to RGB models only