



SALIENT™

L E D a r e a & s i t e
l u m i n a i r e s



SIMKAR
CORPORATION

Simkar's Salient Area & Site LED Luminaire:
Architectural style and superior performance

Delivering up to 25,800 lumens, the Salient LED Area & Site luminaire illuminates your space with precise optical control via 4 lumen packages, 8 distributions, 0-10V dimming, and backlight control.

The SAL series is designed to replace up to 400 watt pulse start metal halide fixtures while consuming as much as 60% less energy than HID, and operating for 60,000 hours (L70).



Precision Optics
Provides superior uniformity using fewer fixtures. NEMA Distribution Types II, III, IV, and V



Thermal Management
Power supply in separate compartment for cooler operation and maximum system operating life



Range of Lumen Packages
9,060 to 25,800 lumens



Dramatic Energy Savings
Energy savings of up to 60%. Design-Light Consortium® listed DLC 4.0/4.1, qualifies for utility rebates.



Simple Access
Swing-down door ensures fast and easy installation

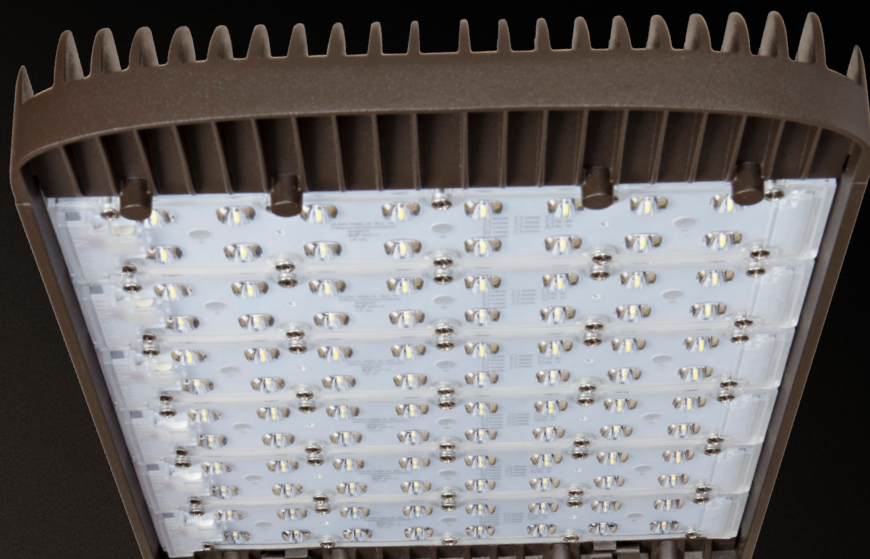


Thermally efficient heat sink fins in an architecturally pleasing form, ensuring reliable operation in a wide range of ambient temperatures



Available with optional twist
lock photocell

SALL
(shown)



Available with optional
multi-level motion
sensor with built-in
photocell

New for 2017:
SALXS (shown)

4 1/32"

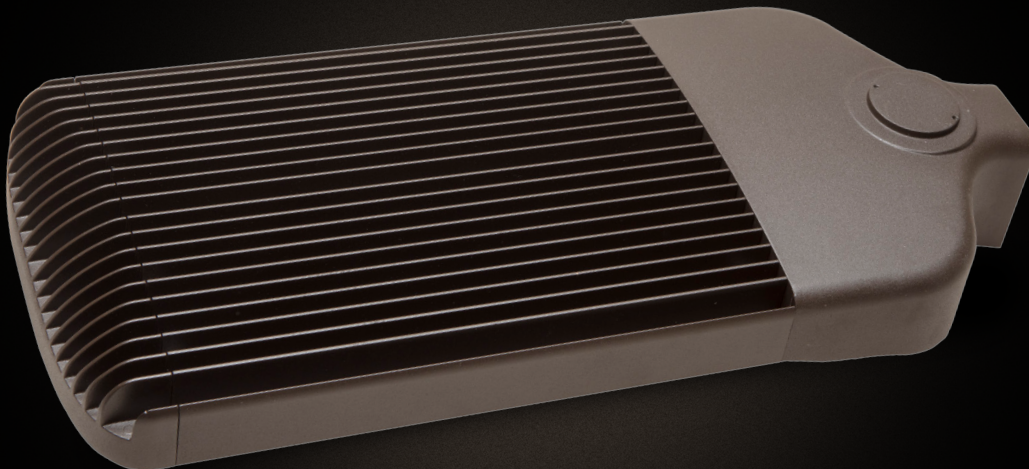
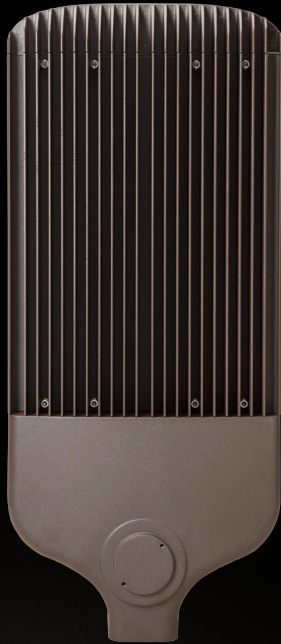
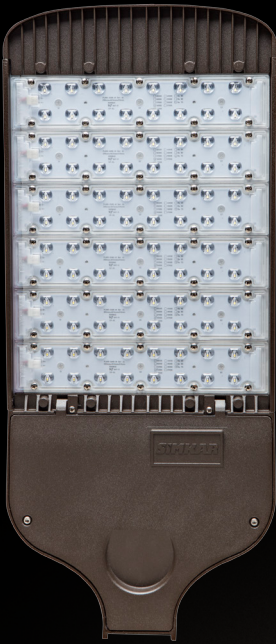


10 1/4"



Available in 15" / 17" / 19" / 23" lengths (23" shown)

23"





Up to 131 lm/w



60K Hour
operating
life (L70)



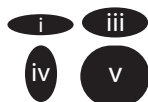
Up to 60%
energy savings



0-10V dimming



Backlight
shield
available

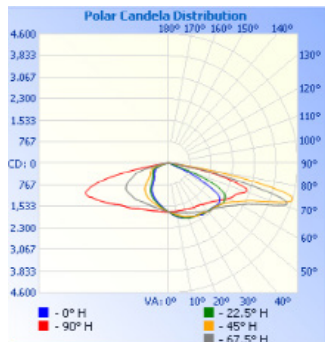


8 distributions

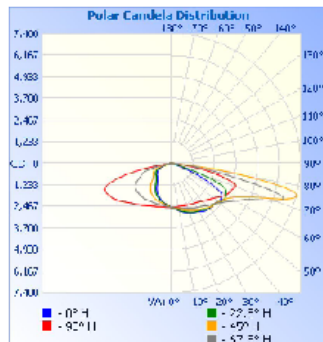
- Ultra high efficiency up to 131 lumens per watt
- Up to 60% energy savings vs HID
- NEMA Type II, III, IV and V distributions, with optional backlight shielding
- Available with multi-level motion sensor with built-in photocell
- Additional 10kV inline field-replaceable surge protector (standard)
- DesignLights Consortium® qualified, DLC 4.0/4.1
- Available in 3000K, 4000K and 5000K (standard)
- Operating life of 60,000 hours (L70)
- V15", 17", 19" and 23" housings
- 120-277V operation, 0-10V dimmable
- C-UL-US Wet Location, IP 65 rated
- 5 year limited warranty



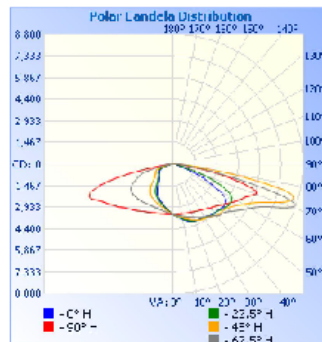
SALS shown with backlight
shields installed



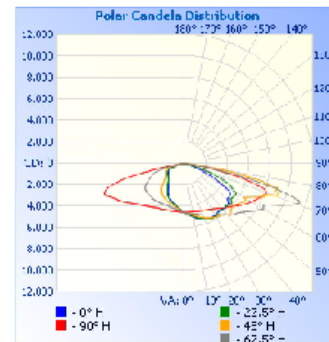
SALXS, Type IV distribution



SALS, Type IV distribution



SALM, Type IV distribution



SALL, Type IV distribution

Performance Data

Model	IES Distribution	Light Output*	Input Power	Efficacy	Drive Current	BUG Rating			Color Temperature	Operating Life (L70)	Operating Temperature	HID Equivalent**
						B	U	G				
SALXS (15")	Type II	7,643.5 lm	72.01 W	106.5 Lpw	1400 mA	B3	U0	G3	5000K	60,000 hrs	-31°F (-35°C) to 104°F (40°C)	150W PSMH
	Type III	8,980 lm	72.83 W	123.3 Lpw		B2	U0	G2				
	Type IV	9,066 lm	72.75 W	124.61 Lpw		B2	U0	G2				
	Type V	9,250 lm	72.56 W	127.49 Lpw		B3	U0	G1				
SALS (17")	Type II	12,942 lm	105.1 W	123.13 Lpw	2100 mA	B3	U0	G3				250W PSMH
	Type III	11,756 lm	107.1 W	109.76 Lpw		B3	U0	G3				
	Type IV	13,652 lm	107.3 W	127.23 Lpw		B3	U0	G3				
	Type V	13,931 lm	107.5 W	129.65 Lpw		B3	U0	G1				
SALM (19")	Type II	17,048 lm	137.9 W	123.59 Lpw	2800 mA	B3	U0	G3				320W PSMH
	Type III	16,377 lm	141.7 W	115.52 Lpw		B3	U0	G3				
	Type IV	17,853 lm	140.7 W	126.8 Lpw		B3	U0	G3				
	Type V	18,831 lm	142.7 W	131.9 Lpw		B4	U0	G1				
SALL (23")	Type II	23,957 lm	189.9 W	126.13 Lpw	4200 mA	B4	U0	G4				400W PSMH
	Type III	24,646 lm	186.8 W	131.93 Lpw		B4	U0	G4				
	Type IV	22,862 lm	181.9 W	121.1 Lpw		B3	U0	G3				
	Type V	25,855 lm	188.4 W	137.23 Lpw		B4	U0	G1				

* Delivered lumens

** Consult a lighting engineer to meet specific requirements

Mounting and Shielding

A range of mounting options and optional backlight shielding greatly increases Salient's versatility across many applications.



Adjustable Slip Fitter



Round / Square Pole Arms



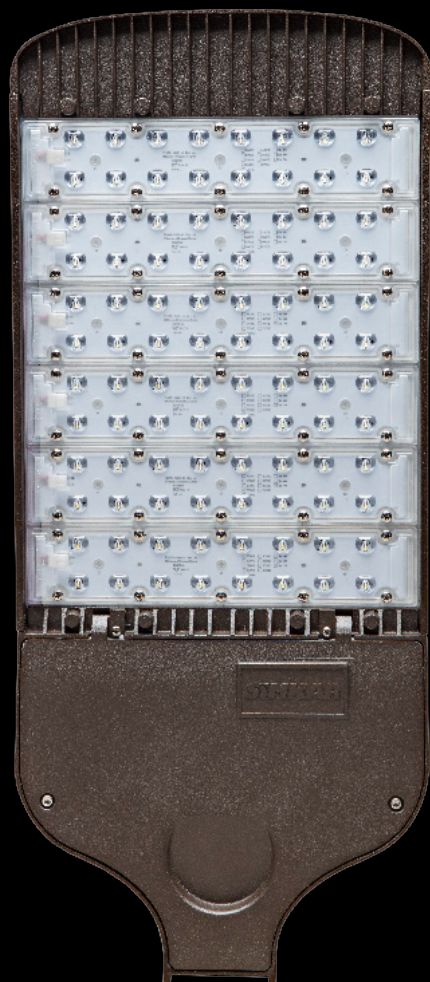
Wall Mount Plate



Available with optional backlight shielding which reduces backlight behind the pole by 85% to meet local codes



Salient is compatible with all industry-standard switching, dimming, and automation controls



SALL
(shown)

Salient™ LED Area & Site Luminaires Configuration

SERIES	SIZE*	DISTRIBUTION	COLOR TEMPERATURE	VOLTAGE
SAL	XS = 15" Extra Small (9,060 lm, 73W) S = 17" Small (13,600 lm, 107W) M = 19" Medium (17,800 lm, 140W) L = 23" Large (23,500 lm, 188W)	2 = Type II 3 = Type III 4 = Type IV 5 = Type V	30 = 3000K** 40 = 4000K** 50 = 5000K (standard)	U1 = Universal 120-277V U3 = Universal 347-480V

*See performance tables for actual performance

**Contact factory for lead times

OPTIONS	ACCESSORIES
(x)P = Twist and Lock Photocell; designate voltage: 1 = 120V, 2 = 277V, 5 = 480V OS = Motion sensor / integrated photocell* SALBLS = Back Light Shielding 5 = Twist lock receptacle, 5 pin** 7 = Twist lock receptacle, 7 pin**	AFSAL = Adjustable slip fitter, bronze BGSAL = Stainless steel bird guard RP3SAL = 3" Round pole mounting arm, bronze RP4SAL = 4" Round pole mounting arm, bronze RP5SAL = 5" Round pole mounting arm, bronze SPSAL = Square pole mounting arm (for 3", 4", and 5" square poles) TASAL = Horizontal tenon mount 2" IP, 2.375" OD, bronze WMPSAL = Wall mount plate, bronze

*Twist lock photocell is standard with 3 pin receptacle unless otherwise specified

**Photocell not included unless ordered

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LED area & site
luminaires

www.simkar.com/salient

