

PROJECT: _____
 CATALOG #: _____
 FIXTURE TYPE: _____
 NOTES: _____

AL Area Light Generation 1 & 2



Images are shown for illustration purpose only.

The **AL Series Area Light Gen 1 and Gen 2** comes in three sizes small, medium, and large with a lumen output between 9,000 to 39,300 lumens. This versatile luminaire has different mounting options, photocell, and motion sensors for efficiency and greater energy savings.

APPLICATIONS

Auto Dealerships, Parking Lots, Walkways, Roadways, and other Public Areas, etc.

REPLACEMENT

ALS: 175W- 250W MH, ALM: 400W MH,
 ALL: 750W-1000W MH

MOUNTING & OPTIONS



AL-SPAR



AL-WM



AL-SFD



AL-T



ALG2-Y



PC-1



PC-2



MS-FSP-212



L3/L7



PERFORMANCE INFORMATION

SERIES NUMBER	WATT	LUMENS	DIST	CCT
ALS 90 T3 G1 5K	70W	9,000	Type III	5000K
ALS 130 T3 G1 5K	105W	13,400	Type III	5000K
ALM 195 T3 G2 5K	150W	19,700	Type III	5000K
ALM 195 T3 G2 HVU 5K	150W	19,700	Type III	5000K
ALM 260 T3 G2 5K	200W	26,200	Type III	5000K
ALM 260 T3 G2 HVU 5K	200W	26,380	Type III	5000K
ALL 330 T3 G2 5K	250W	33,250	Type III	5000K
ALL 330 T3 G2 HVU 5K	250W	33,250	Type III	5000K
ALL 390 T3 G2 5K	300W	39,300	Type III	5000K
ALL 390 T3 G2 HVU 5K	300W	39,300	Type III	5000K

ORDERING GUIDE		EXAMPLE: ALM 140 T3 G1 5K						
Luminaire Type	Lumen Output	Dist. Type	Generation	Voltage	CCT	Finish	Mount	Options
ALS= Area Light Small	90 9,000 Lumens 130 13,400 Lumens	T3= Type III	G1	BLANK= 120-277V HVU= 347-480V	4K 4000K 5K 5000K	BLANK= Dark Bronze C*= Custom	AL-SPAR= Square and Round Pole Mount AL-WM= Wall Mount AL-SFD= Slipfitter Mount AL-T= Trunnion Mount ALG2-Y= Yoke Mount (ALL only)	PC-1= Twist-lock Photocell (120-277V) PC-2= Twist-lock Photocell (347-480V) MS-FSP-212= Motion Sensor (Choose 1) L3= 40' diameter lens L7= 100' diameter lens AL-BC-ML= House side shield for ALM-ALL G2 Series only, ALL requires 2 shields
ALM= Area Light Medium	195 19,700 Lumens 260 26,200 Lumens	T3= Type III T4= Type IV	G2					
ALL= Area Light Large	330 33,250 Lumens 390 39,300 Lumens	T5= Type V						

*For a custom color, please call to place your order

Due to continuous product improvements, specification and/or equipment updates may change without notice.

SPECIFICATIONS

HOUSING

One piece die-cast aluminum housing with anti-corrosive paint.

AMBIENT TEMPERATURE

Suitable for use in -40°C to +45°C (-40°F to 113°F)

MOUNTING

Mounting options include Square and Round Pole Mount, Wall Mount, Adjustable Slipfitter Mount and option for photocell, Trunnion Mount for ALS and ALM, and Yoke Mount for ALL

EFFICACY

Up to 133 lumen's per watt (see individual wattage data)

CCT AND CRI

4000K and 5000K CCT available; 70CRI

OPTICS

Precision molded secondary optics produce superior uniformity, minimal light trespass and maximum pole spacing. Optics sealed to LED package for IP66 protection.

WARRANTY

10-year limited warranty. Comprehensive warranty terms can be located on www.slgus.com.

ELECTRICAL

Standard 120-277V. Optional HVU 347V/480V. 50/60Hz. 10K Surge protector per ANSI/IEEE C62.41.2. Standard 0-10V dimming. Optional NEMA twist-lock photocell control.

ENERGY DATA

Constant current driver efficiency above 90%.

FINISH

Polyester Powder Dark Bronze finish. Custom colors available. Multiple stage process to produce 3 mil thickness for superior corrosion resistance and maximum durability.

CERTIFICATIONS

UL Listed for wet locations. Equivalent to IP66 rating. FCC compliant. RoHs compliant. IDA dark-sky compliance. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.slgus.com/DLC to confirm which versions are qualified.

MOUNTING



AL-SPAR



AL-WM



AL-SFD



AL-T



ALG2-Y



AL-BC-ML

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OPTIONS



MS-FSP-212
Dimmable Motion Sensor



MS-FSP-L3/L7
Lens

The **MS-FSP-212** provides multi-level control base on motion and daylight level. Requires L3 or L7 lens depending the mounting height.

Operation Voltage	Shape	Adjustable Time Delay	Fade Down Time	Operating Temperature	Mounting Height For MS-FSP-L3	Mounting Height For MS-FSP-L7
120/277V	Cone	30 sec - 30 min	0-10 sec	-40°F to 158°F	20 ft*	40 ft**

*Covers a 40 ft diameter when mounting height is 20 ft. Coverage is equal to 2x the height.

**Covers a 100 ft diameter when mounting height is 40 ft. Coverage is equal to 2.5x the height

PHOTOMETRIC

Type III

Type III optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern which can extend pole spacings.

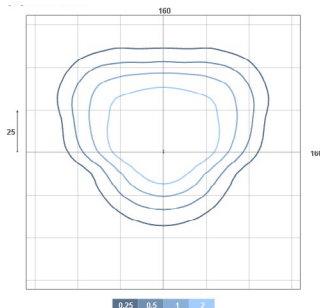
Type IV

Type IV is suitable for applications where light is primarily required forward with minimal back light. Typical installations include perimeter poles.

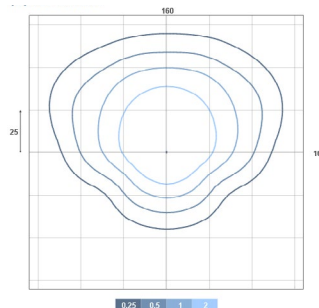
Type V

Type V optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type V luminaires is universal for most area lighting applications.

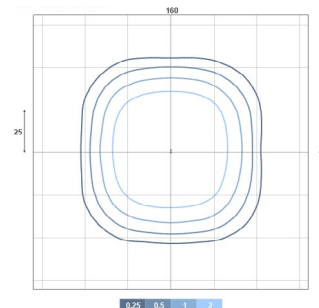
ALM 195 T3 G2 4K



ALM 195 T4 G2 4K



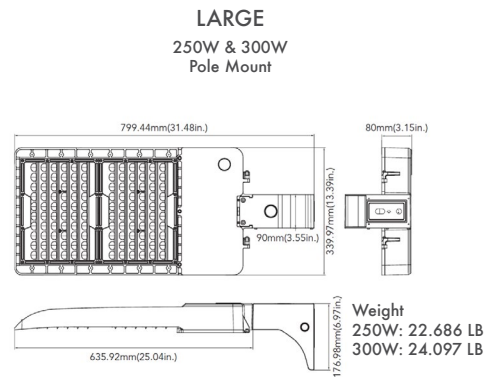
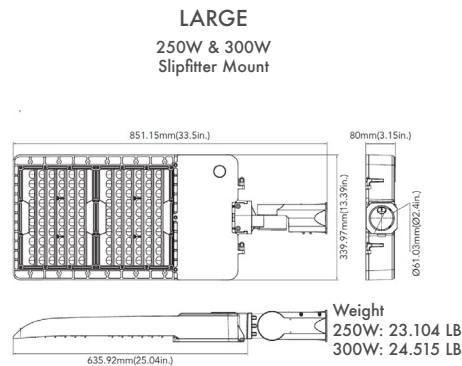
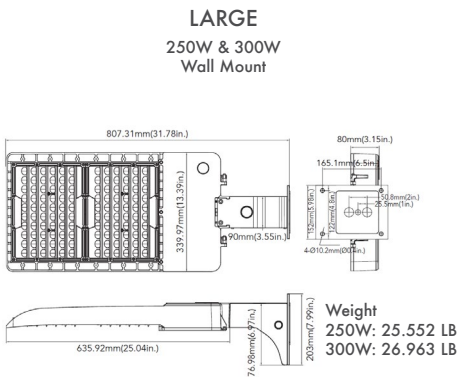
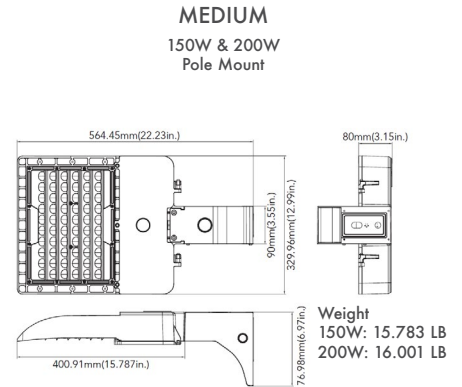
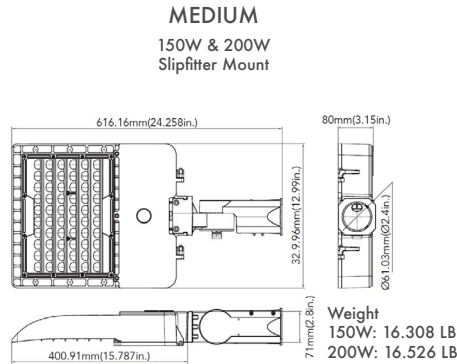
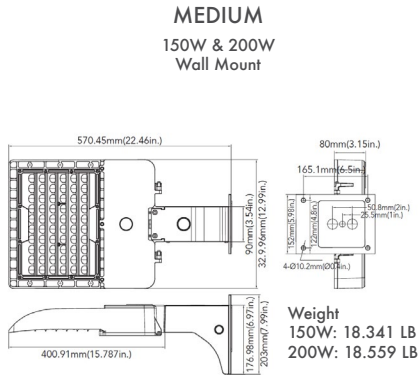
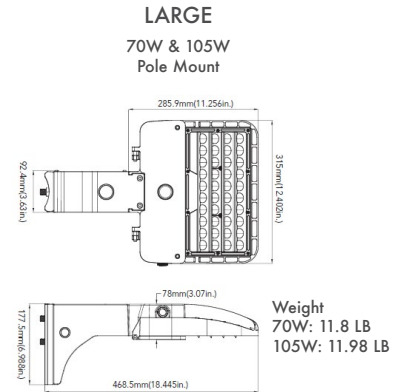
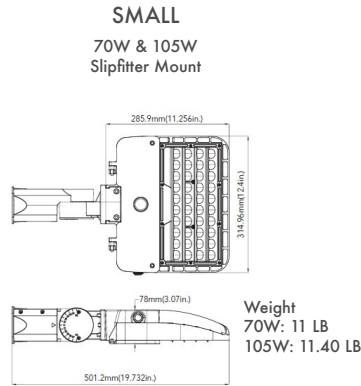
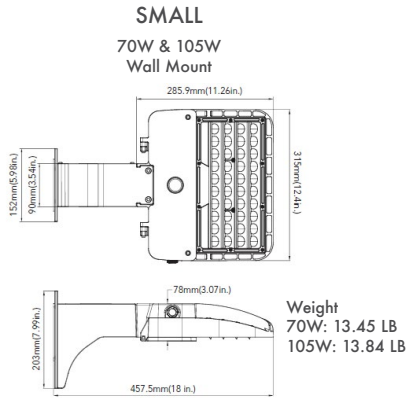
ALM 195 T5 G2 4K



Mounting Height	15	20	25	30	35
Multiplier	2.8	1.6	1.0	0.7	0.5

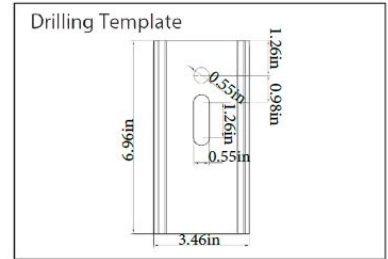
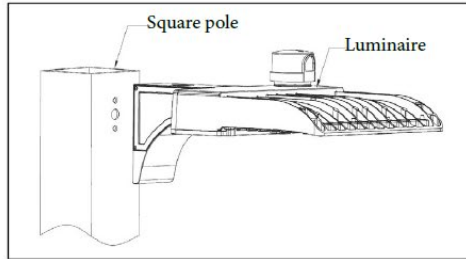
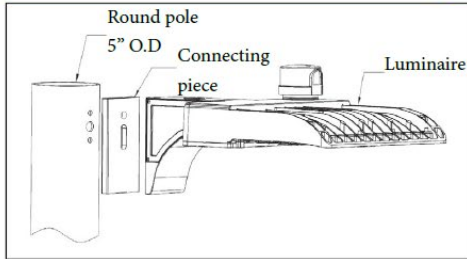
Due to continuous product improvements, specification and/or equipment updates may change without notice.

DIMENSIONS

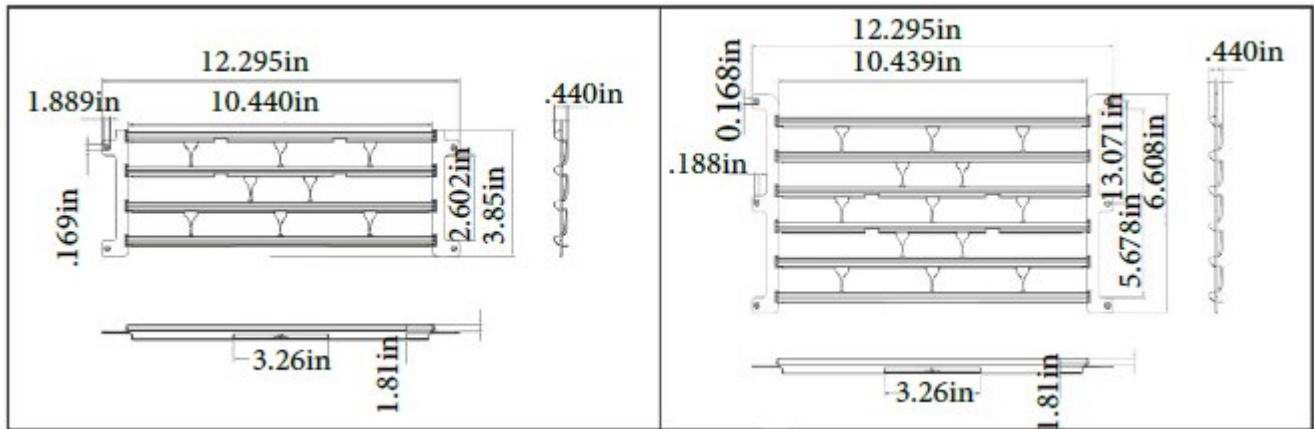


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MOUNTING DIMENSIONS



BACKLIGHT CONTROL OPTIONS



EPA OF AREA LIGHT

									
S	ALS 90 ALS 130	70W 105W	0.626	0.705	0.971	0.981	0.982	0.975	0.982
M	ALM 195 ALM 260	150W 200W	0.4418	0.7145	0.8813	0.8836	1.0548	1.0135	1.0548
L	ALL 330 ALL 390	250W 300W	0.5614	0.8471	1.105	1.1228	1.294	1.2503	1.294

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PERFORMANCE INFORMATION

		5000K CCT					4000K CCT			
Series Number	Wattage	Lumen	Dist Type	B	U	G	Lumen	B	U	G
ALS 90 T3 G1 5K	70W	9,000 Lm	Type III	2	3	2	9,000 Lm	2	3	2
ALS 130 T3 G1 5K	105W	13,400 Lm	Type III	3	3	2	13,400 Lm	3	3	2
ALM 195 T3 G2 5K	150W	19,700 Lm	Type III	3	0	2	19,497 Lm	3	0	2
		18,800 Lm	Type IV	3	0	3	18,800 Lm	3	0	3
		21,150 Lm	Type V	4	0	2	21,385 Lm	4	0	2
ALM 260 T3 G2 5K	200W	26,200 Lm	Type III	3	0	2	26,096 Lm	3	0	2
		25,000 Lm	Type IV	3	0	3	25,000 Lm	3	0	3
		27,200 Lm	Type V	4	0	2	27,086 Lm	4	0	2
ALL 330 T3 G2 5K	250W	33,250 Lm	Type III	4	0	3	32,883 Lm	4	0	3
		30,500 Lm	Type IV	4	0	3	30,000 Lm	4	0	3
		35,250 Lm	Type V	5	0	2	34,623 Lm	5	0	2
ALL 390 T3 G2 5K	300W	39,300 Lm	Type III	4	0	3	39,495 Lm	4	0	3
		37,000 Lm	Type IV	4	0	4	36,000 Lm	4	0	4
		42,300 Lm	Type V	5	0	2	42,998 Lm	5	0	2

PERFORMANCE COMPARISON

Product Series	Wattage	Lumen	Efficacy	Replaces	Voltage	Max Mounting Height	DLC
ALS 90	70W	9,000 Lm	129 Lm/W	175W	120-277V	15-20 ft	Standard
ALS 130	105W	13,400 Lm	128 Lm/W	250W	120-277V	15-20 ft	Standard
ALM 195	150W	19,700 Lm	131 Lm/W	400W	120-277V	20-30 ft	Premium
ALM 260	200W	26,200 Lm	131 Lm/W	400W	120-277V	20-30 ft	Premium
ALL 330	250W	33,250 Lm	133 Lm/W	750W	120-277V	30-50 ft	Premium
ALL 390	300W	39,300 Lm	131 Lm/W	1000W	120-277V	30-50 ft	Premium

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ELECTRICAL LOAD

			Current (A)					
	Series Number	Wattage	120V	208V	240V	277V	347V	480V
ALS	ALS 90 T3 G1 5K	70W	0.58	0.34	0.30	0.25	N/A	N/A
	ALS 130 T3 G1 5K	105W	0.87	0.50	0.44	0.38	N/A	N/A
ALM	ALM 195 T3 G2 5K	150W	1.25	0.72	0.63	0.54	0.43	0.31
	ALM 195 T3 G2 HVU 5K	150W	1.25	0.72	0.63	0.54	0.43	0.31
	ALM 260 T3 G2 5K	200W	1.66	0.96	0.83	0.72	0.58	0.42
	ALM 260 T3 G2 HVU 5K	200W	1.66	0.96	0.83	0.72	0.58	0.42
ALL	ALL 330 T3 G2 5K	250W	2.08	1.20	1.04	0.90	0.72	0.52
	ALL 330 T3 G2 HVU 5K	250W	2.08	1.20	1.04	0.90	0.72	0.52
	ALL 390 T3 G2 5K	300W	2.5	1.44	1.25	1.08	0.87	0.62
	ALL 390 T3 G2 HVU 5K	300W	2.5	1.44	1.25	1.08	0.87	0.62

PROJECTED LUMINAIRE MAINTENANCE

OPERATING HOURS					
Ambient Temperature	0	25,000	50,000	100,000	Calculated L70 (Hours)
25°C / 77°F	1	0.95	0.91	0.81	>214,973

Lumien Ambient Temperature (LAT) Multipliers

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.98
40°C	104°F	0.98

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