

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

AL Area Light Generation 3



Images are shown for illustration purposes only.



PERFORMANCE INFORMATION

SERIES NUMBER	WATT	LUMENS	DIST	CCT
ALL 340 T3 G3 5K	240W	34,000	Type III	5000K

The **AL Series Area Light Gen 3** is a durable, quality area light with a bright 34,000 lumen output and 3 distribution options. 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

ALL: 1000W+ MH

MOUNTING & OPTIONS



ORDERING GUIDE								EXAMPLE: ALM 140 T3 G3 5K
Luminaire Type	Lumen Output	Dist. Type	Generation	Voltage	CCT	Finish	Mount	Options
ALL Area Light Large	340 34,000 Lumens	T3 = Type III T4 = Type IV T5 = Type V	G3	BLANK = 120-277V HVU = 347-480V (ALM 140 Not Included for HVU)	4K 4000K 5K 5000K	BLANK = Dark Bronze C** = Custom	AL-SPAR = Square and Round Pole Mount AL-WMB = Wall Mount AL-SFD = Slipfitter Mount AL-SFD-P1 = Slipfitter Mount with PC-1 AL-T = Trunnion Mount	PC-1* =Twist-lock Photocell (120-277V) PC-2* =Twist-lock Photocell (480V) PC-3* =7-Pin receptacle MS-FSP-211 = Motion Sensor (Choose 1) L3 =40' diameter lens L7 =100' diameter lens MS-FSP-221B = Motion Sensor 347-480V (Choose 1) L3 =2x Lens (Max 20ft mounting height) L7 =2.5x Lens (Max 40ft mounting height) MS-FSIR-100 = Wireless Commissioning Tool for MS-FSP-221B (Requires 1 MS-FSIR-100 per jobsite) MS-LPS-202-L3 = PIR Motion Sensor with 360° L3 Lens, Max 40ft mounting height ALL-EGS = External Glare Shield for Large Area Light, Dark Bronze

*Not available with AL-T

**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 integral heat-sink fins.

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 Trunnion Mount. Photocell is mounted to the Square and Round Pole Mount, Wall Mount, and Slipfitter Mount by default. Trunnion Mount is not available with photocell.

EFFICACY

Up to 146 lumens 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 IP65 protection.

WARRANTY

10-year limited warranty.

ELECTRICAL

Standard 120-277V. HVU 347V/480V. 50/60Hz with open/short circuit protection. Standard 1.5ft power cord, 18 gauge with 3 conductors. 10K Surge protector per ANSI/IEEE C62.41.2. NEMA twist-lock photocell control. Dimming 0-10V driver. Motion sensor (PIR).

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 IP65 rating. FCC compliant. RoHs compliant. DesignLights Consortium® (DLC) Premium 5.0 qualified product. Not all versions of this product may be DLC qualified. Please visit www.slgus.com to confirm which versions are qualified.

MOUNTING OPTIONS & DIMENSIONS



AL-SPAR
(Optional Photocell)



AL-WMB
(Optional Photocell)



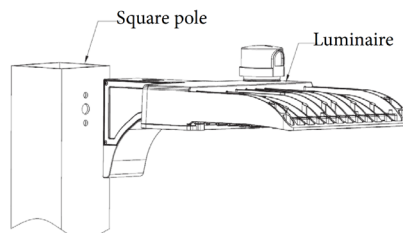
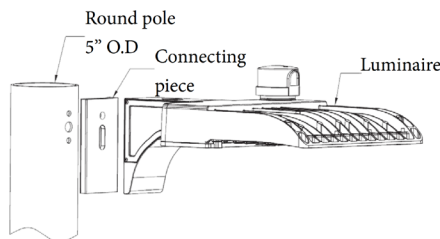
AL-SFD
(Optional Photocell)



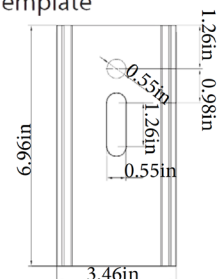
AL-EGS



AL-T



Drilling Template



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OPTIONS



MS-FSP-211
Dimmable Motion Sensor



MS-FSP-L3/L7
Lens



MS-FSIR-100
Wireless Commissioning Tool for
MS-FSP-221B & MS-FSP-211

The **MS-FSP-211** provides multi-level control based on motion and daylight level. IP66 rated when mounted inside the fixture. 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
120/277VAC, 230-240VAC (single phase); 50/60Hz	Cone	30 sec/5-30 min Default 1 hr	None, Disable, 1-60 sec; Default disabled	-40°F to 167°F (-40°C to 75°C)	Max 20 ft*	Max 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

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OPTIONS



MS-FSP-221B
Dimmable Motion Sensor



MS-FSP-L3/L7
Lens



MS-FSIR-100
Wireless Commissioning Tool for
MS-FSP-221B

The **MS-FSP-221B** provides multi-level control based on motion and daylight level. IP66 rated when mounted inside the fixture. 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
100-347VAC (single phase) 208/230/480VAC (phase to phase)	Cone	30 sec/1-30 min Default 5 min	0-60 sec	-40°F to 167°F (-40°C to 75°C)	Max 20 ft*	Max 40 ft**

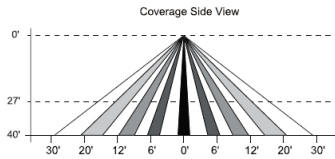
* Covers a 40 ft diameter when mounting height is 20 ft. Coverage is equal to 2x the height.

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

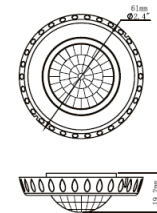
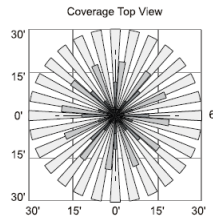


MS-LPS-202
PIR Motion Sensor

L3



360° Coverage



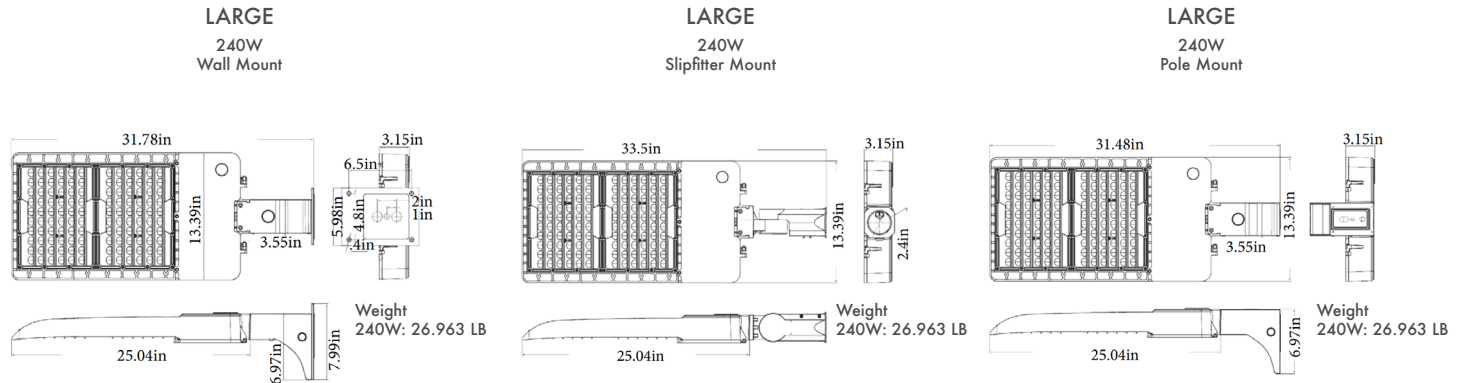
The **MS-LPS-202** provides multi-level control based on motion and daylight level. IP66 rated when mounted inside the fixture. Requires L3 lens.

Operation Voltage	Shape	Adjustable Time Delay	Operating Temperature	Mounting Height For MS-FSP-L3
120/277V	Cone	10S/10min/30min/60min	-40°F to 158°F (-40°C to 70°C)	Max 40 ft*

* Covers a 60 ft diameter when mounting height is 40 ft. Coverage is equal to 1.5x the height.

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DIMENSIONS



EPA OF AREA LIGHT

L	ALL 340	240W	0.5614	0.8471	1.105	1.1228	1.294	1.2503	1.294

PERFORMANCE COMPARISON

Product Series	Wattage	Lumen	Efficacy	Replaces	Voltage	Mounting Height	DLC
ALL 340	240W	34,000 Lm	142 Lm/W	750W	120-277V	30-50 ft	Premium

ELECTRICAL LOAD

Series Number	Wattage	Current (A)					
		120V	208V	240V	277V	347V	480V
ALL 340 T3 G3 5K	240W	2.00	1.15	1.00	0.87	0.69	0.50

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PROJECTED LUMINAIRE MAINTENANCE

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

BUG RATING

SERIES NUMBER	WATTAGE	DISTRIBUTION TYPE	4000K CCT				5000K CCT			
			LUMENS	B	U	G	LUMENS	B	U	G
ALM 340 TX G3 XK	240W	Type III	34,000	3	0	4	34,000	3	0	4
		Type IV	34,000	3	0	5	34,000	3	0	5
		Type V	35,500	5	0	5	35,500	5	0	5

Lumen 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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