

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

FF Flat Flood Light Series Gen 3



FFL Large
 Images are shown for illustration purpose only.



PERFORMANCE INFORMATION

SERIES NUMBER	WATT	LUMENS	CCT
FFL 340 WFL G3 5K	240W	34,000	5000K

The **FF Flat Flood Light Series Gen 3** is a versatile luminaire features a true wide flood light lens with a 34,000 lumen output for superior distribution illumination, uniformity, and spacing. A variety of different mounting options, photocell, and motion sensors for efficiency and greater energy savings are available.

APPLICATIONS

Building Facades, Display Lighting, Landscaping, Security Lighting, etc.

REPLACEMENT

FFL: 750W-1000W MH

MOUNTING & OPTIONS



AL-SPAR



AL-WMB



AL-SFD



AL-T



PC-1



PC-2



MS-FSP-211/221B



L3/L7



MS-FSIR-100



MS-LPS-202

ORDERING GUIDE

EXAMPLE: FFL 340 WFL G3 5K

Luminaire Type	Size	Lumen Output	Dist. Type	Generation	Voltage	CCT	Finish	Mount	Options
FF Flat Flood Light	L= Large	340 34,000 Lumens	WFL= Wide Flood Light	G3	BLANK= 120-277V HVU= 347-480V	<input type="checkbox"/> 4K 4000K <input type="checkbox"/> 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 AL-T= Trunnion Mount	BLANK= No Option PC-1** =Twist-lock Photocell (120-277V) PC-2** =Twist-lock Photocell (327-480V) 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 (Choose 1) L3= 2x lens L7= 2.5x lens MS-FSIR-100= Wireless Commissioning Tool for MS-FSP-221 B MS-LPS-202-L3= PIR Motion Sensor with 360° L3 Lens ALL-EGS= External Glare Shield for Large Flood Light, Dark Bronze

* For custom color please call to place order
 ** Not compatible with Trunnion Mount

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

SPECIFICATIONS

HOUSING

Precision 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, Trunnion Mount, Adjustable Slipfitter Mount and option with photocell.

EFFICACY

Up to 143 lumens per watt (see individual wattage data)

CCT AND CRI

4000K and 5000K CCT available; 80+CRI

OPTICS

Precision molded secondary NEMA 6H X 7V optics produce superior uniformity 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 with open/short circuit protection. 10K Surge protector per ANSI/IEEE C62.41.2. Optional NEMA twist-lock photocell control. Dimming 0-10V driver optional. Motion sensor (PIR) optional.

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. DesignLights Consortium® (DLC) Premium 5.1 qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please visit www.slgus.com to confirm which versions are qualified.

MOUNTING



AL-SPAR



AL-WMB



AL-SFD



AL-T



PC-1



PC-2

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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**

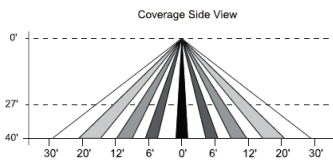
* Covers a 40 ft diameter when mounting height is 20 ft. Coverage is equal to 2x the height.

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

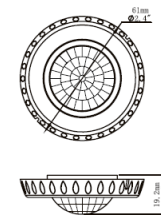
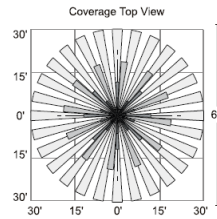


MS-LPS-202
PIR Motion Sensor

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.

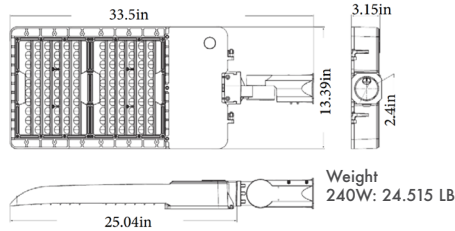
Operation Voltage	Shape	Adjustable Time Delay	Operating Temperature	Mounting Height For MS-FSP-L3
120/277V	Cone	10S/10min/30min/60min	-40°F to 158°F (-40°C to 70°C)	Max 40 ft*

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

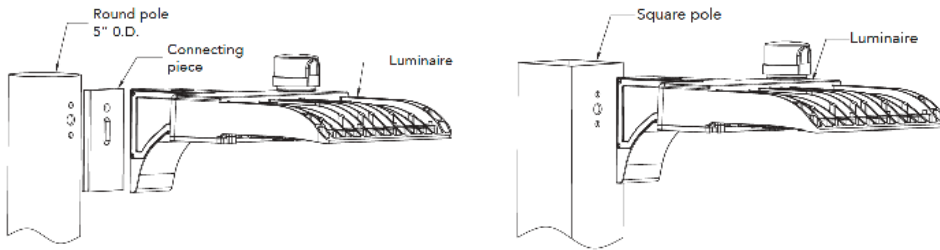
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DIMENSIONS

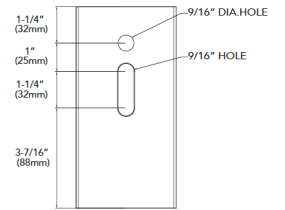
LARGE
240W
Slipfitter Mount



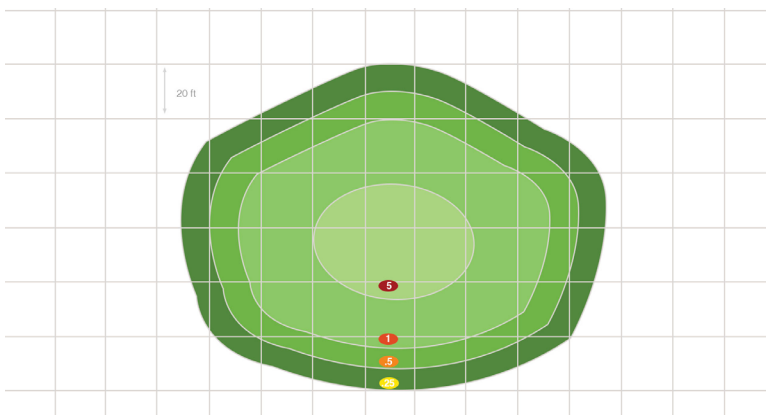
MOUNTING DIMENSIONS



Drilling Template



PHOTOMETRIC



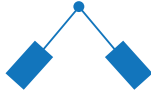

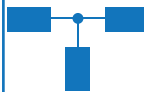
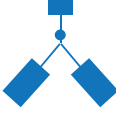



Lumen Ambient Temperature (LAT) Multipliers

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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EPA OF AREA LIGHT

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

PERFORMANCE COMPARISON

Wattage	Voltage	4000K		5000K	
		Lumens	Efficacy	Lumens	Efficacy
240W	120-277V	33,360	139	34,000	142

Optional 347-480V available.

ELECTRICAL LOAD

Wattage	Current (A)						
	120V	208V	240V	277V	347V	480V	
FFL 240W	2.00	1.15	1.00	0.87	0.69	0.50	

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

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