

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

FFC Flat Flood Light Contractor Series Gen 1



Images are shown for illustration purposes only.

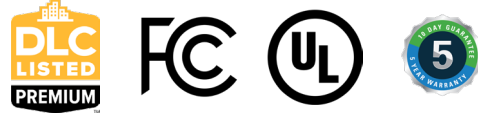
The **FFC Flat Flood Light Contractor Series Gen 1** comes in three sizes small, medium, and large with a lumen output between 5,600 to 41,000 lumens. This versatile luminaire has different mounting options, photocell, and motion sensors for efficiency and greater energy savings.

APPLICATIONS

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

REPLACEMENT

FFCS: 175W- 250W MH, **FFCM:** 400W MH,
FFCL: 750W-1000W MH+



PERFORMANCE INFORMATION

SERIES NUMBER	WATT	4000K LUMENS	5000K LUMENS	DIST
FFCS 60 WFL G1 5K	40W	5,600	5,720	Type V
FFCS 96 WFL G1 5K	70W	9,730	9,800	Type V
FFCS 140 WFL G1 5K	100W	13,800	13,900	Type V
FFCM 210 WFL G1 5K	150W	20,500	20,800	Type V
FFCM 260 WFL G1 5K	200W	25,500	26,000	Type V
FFCL 350 WFL G1 5K	250W	34,750	35,250	Type V
FFCL 410 WFL G1 5K	300W	40,500	41,000	Type V

MOUNTING & OPTIONS



ORDERING GUIDE									EXAMPLE: FFCS 210 WFL G1 5K
Luminaire Type	Size	Lumen Output	Dist. Type	Generation	Voltage	CCT	Finish	Mount	Options
FFC Flat Flood Contractor	S= Small	60 5,720 Lumens 96 9,800 Lumens 140 13,900 Lumens	Wide Flood Light	G1	BLANK= 120-277V HVU 347-480V	4K 4000K 5K 5000K	BLANK= Dark Bronze C= Custom*	ALC-SPAR= Square and Round Pole Mount ALC-WMB= Wall Mount ALC-SFD= Slipfitter Mount ALC-T= Trunnion Mount	BLANK= No Option PC-1= Twist-lock Photocell (120-277V) PC-2= Twist-lock Photocell (347-480V) PC-3= 7-Pin Receptacle MS-FSP-211= Motion Sensor 120-277V (Choose 1) L3= 40' diameter lens L7= 100' diameter lens MS-FSP-221B= Motion Sensor 347-480V† (Choose 1) L3= 40' diameter lens L7= 100' diameter lens MS-FSIR-100= Wireless commissioning tool ALCS-EGS= External Glare Shield for ALC Small, Dark Bronze ALCM-EGS= External Glare Shield for ALC Medium, Dark Bronze ALCL-EGS= External Glare Shield for ALC Large, Dark Bronze
	M= Medium	210 20,800 Lumens 260 26,000 Lumens							
	L= Large	350 35,250 Lumens 410 41,000 Lumens							

*For a custom color, please call to place your order.
 †Requires 1 MS-FSIR-100 per jobsite.

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, Adjustable Slipfitter Mount, and Trunnion Mount. Photocell is mounted to the Square and Round Pole Mount, Wall Mount, and Slipfitter Mount by default.

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.

WARRANTY

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

ELECTRICAL

Standard 120/277V. HVU 347V-480V. 50/60Hz with open/short circuit protection. 10K Surge protector per ANSI/IEEE C62.41.2. NEMA twist-lock photocell control. Dimming 0-10V driver.

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

MOUNTING



ALC-SPAR
(Optional Photocell)



ALC-WMB
(Optional Photocell)



ALC-SFD
(Optional Photocell)



ALC-EGS



ALC-T



PC-1



PC-2

OPTIONS



MS-FSP-211
Dimmable Motion Sensor



MS-FSP-L3/L7
Lens

The MS-FSP-211 provides multi-level control base on motion and daylight level. Requires L3 or L7 lens depending the mounting height.

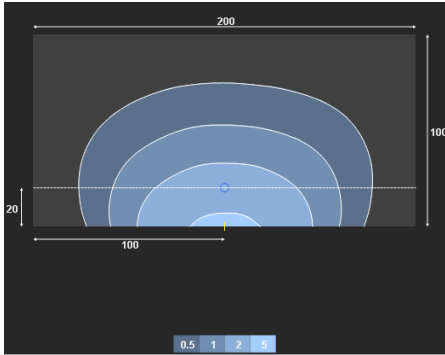
Operation Voltage	Shape	Adjustable Time Delay	Fade Down Time	Operating Temperature	Mounting Height For MS-FSP-L3	Mounting Height For MS-FSP-L7
120/277V	Cone	30 sec - 30 min	0-10 sec	-40°F to 158°F	20 ft*	40 ft**

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

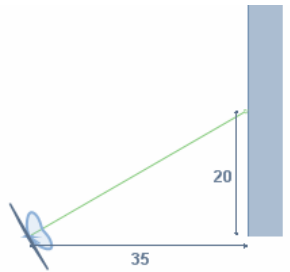
**Covers a 100 ft diameter when mounting height is 40 ft. Coverage is equal to 2.5x the height

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PHOTOMETRIC



FFCL 410 WFL G1 55K



At 35 ft setback, aimed 30° upon the horizon

EPA OF AREA LIGHT

S	FFCS 60	40W	0.3413	0.5929	0.7983	0.6826	1.0239	1.0499	1.0239
	FFCS 96	70W							
	FFCS 140	100W							
M	FFCM 210	150W	0.423	0.735	0.873	0.846	1.158	1.185	1.158
	FFCM 260	200W							
L	FFCL 350	250W	0.4759	0.7889	1.0581	0.9518	1.2648	1.3711	1.2648
	FFCL 410	300W							

ELECTRICAL LOAD

			Current (A)					
	Series Number	Wattage	120V	208V	240V	277V	347V	480V
FFCS	FFCS 60 WFL G1 5K	40W	0.33	0.19	0.16	0.14	N/A	N/A
	FFCS 96 WFL G1 5K	70W	0.58	0.34	0.30	0.25	N/A	N/A
	FFCS 140 WFL G1 5K	100W	0.83	0.48	0.41	0.36	N/A	N/A
FFCM	FFCM 210 WFL G1 5K	150W	1.25	0.72	0.63	0.54	0.43	0.31
	FFCM 260 WFL G1 5K	200W	1.66	0.96	0.83	0.72	0.58	0.42
FFCL	FFCL 350 WFL G1 5K	250W	2.08	1.20	1.04	0.90	0.72	0.52
	FFCL 410 WFL G1 5K	300W	2.5	1.44	1.25	1.08	0.87	0.52

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

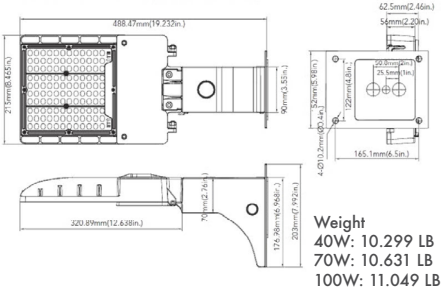
PROJECTED LUMINAIRE MAINTENANCE

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

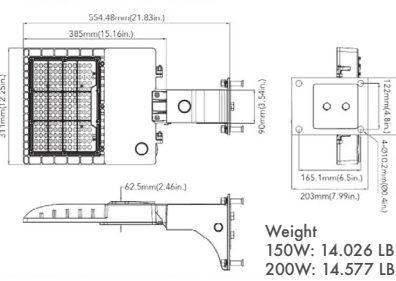
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DIMENSIONS

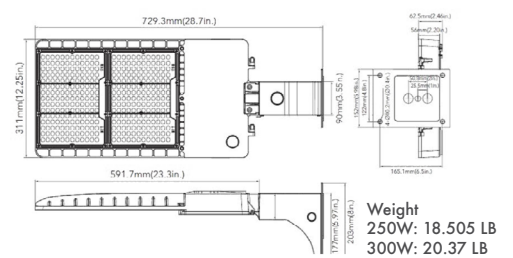
SMALL
40W, 70W, 100W
Wall Mount



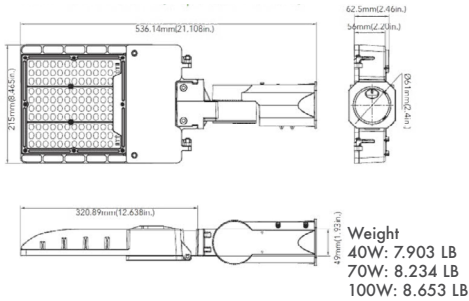
MEDIUM
150W & 200W
Wall Mount



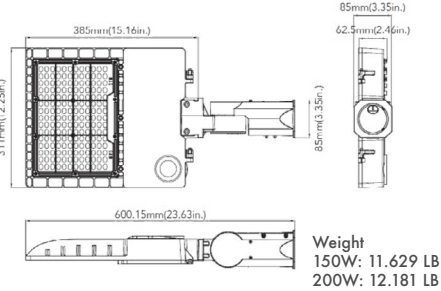
LARGE
250W & 300W
Wall Mount



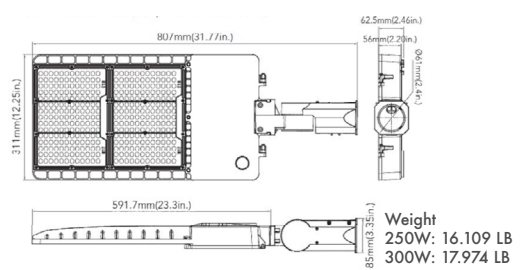
SMALL
40W, 70W, 100W
Slipfitter Mount



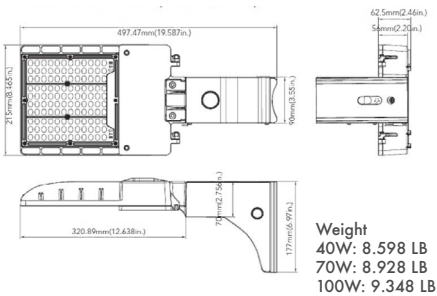
MEDIUM
150W & 200W
Slipfitter Mount



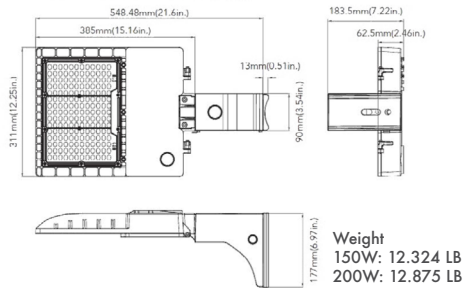
LARGE
250W & 300W
Slipfitter Mount



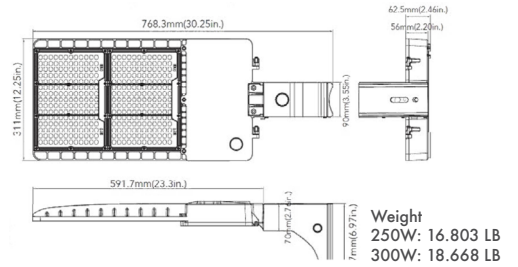
SMALL
40W, 70W, 100W
Pole Mount



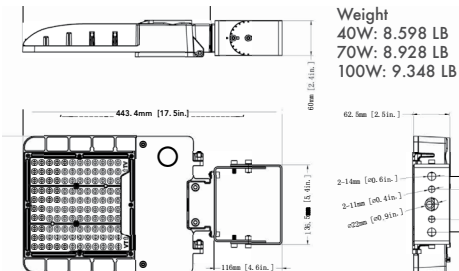
MEDIUM
150W & 200W
Pole Mount



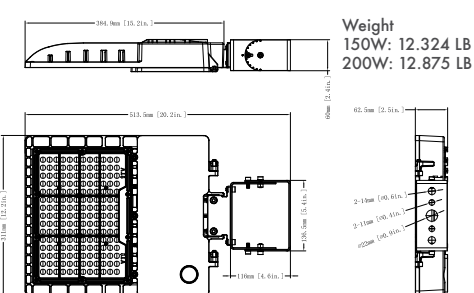
LARGE
250W & 300W
Pole Mount



SMALL
40W, 70W, 100W
Trunnion Mount



MEDIUM
150W & 200W
Trunnion Mount



LARGE
250W & 300W
Trunnion Mount

