FLF G2 - Flood Lights - Flex Series - 2nd Gen

CONTRACTOR XP

(Images are shown for illustration purposes only)

Project:

Product #:

Type:

KEY FEATURES

- Power & CCT selectable flex series flood light.
- Controls ready with preinstalled zhaga sensor receptacle.
- Ships with mount in box.
- NEMA 7 distribution.
- 175 Lm/W Efficacy.

DLC LISTED PREMIUM | UL CERTIFIED | FC | 5 | LUMEN SELECT | CCT SELECT | WET LOCATION | TAA COMPLIANT | SKU SAVER RATING 24 Replaces up to 24 similar static luminaires.

SPECIFICATIONS

Housing
Sealed, heavy duty die-cast aluminum.

Ambient Temperature
Suitable for use in -40° C to 45° C (-40° F to 113° F).

Mounting
Adjustable Pole Mount, Slipfitter Mount, Wall Mount, and Trunnion Mount.

Efficacy
Up to 175 lumens per watt.

CCT and CRI
3000K, 4000K, & 5000K - 70 CRI

Lifespan
L70 > 100,000 hours @ 25°C.

Distribution
NEMA 7.

Finishes
Dark Bronze, Black, White, Silver Gray and custom.

Electrical
Standard voltage 120-277V. HVU 347-480V. 0-10V dimming driver standard for 10% to 100% dimming capabilities. THD: ≤20%. PF ≥90%.

Surge Protection
10KA (120-277V models)
20KA (347-480V models).

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

Certifications
UL Listed for wet locations. FCC compliant. Design Lights Consortium® (DLC) 5.1 Premium qualified product pending.

ORDERING GUIDE

Example: **FLF LS500 N77 G2 FSK PSC T**

Fixture Type	Selectable Lumen Output	Distribution	Generation	Voltage	CCT	Photocell	Included Mount	Finish
• **FLF** LED Flood Light - Flex Series	• **LS250** 14,000 Lm / 80 W 18,000 Lm / 110 W 22,100 Lm / 140 W 25,000 Lm / 160 W • **LS500** 33,500 Lm / 198 W 42,000 Lm / 264 W 48,000 Lm / 300 W 50,000 Lm / 330 W • **LS600** 49,500 Lm / 300 W 50,400 Lm / 320 W 56,600 Lm / 360 W 60,100 Lm / 400 W	• **N77** NEMA 7	• **G2** Second Generation	• **BLANK** 120-277V • **HVU*** 347-480 V	• **FSK** 3000K 4000K 5000K • **30K** 3000K • **40K** 4000K • **50K** 5000K	• **PSC** Ships with Photocell and Shorting Cap. • **BLANK** Leave this blank when ordering HVU models - these do not include photocell and shorting cap.	• **T** Trunnion Mount (ships in same box) • **SFD** Slipfitter Mount (ships in same box) • **BLANK** Leave this blank when ordering HVU models - mount is ordered separately (see below) • **ASR** Adjustable Square & Round Pole Mount (ships in same box) • **SFD** Slipfitter Mount (ships in same box) • **BLANK** Leave this blank when ordering HVU models - mount is ordered separately (see below)	• **BLANK** Dark Bronze • **B** Black • **SG** Silver Gray • **W** White • **C**** Custom Color

**HVU option does not ship with PIN receptacle, Photocell, shorting cap, or mount.* ***For a custom color, please call to place your order.*

For stocking opportunities please reach out to your local SLG Lighting rep or contact sales@slgus.com.
Leadtimes may vary based on current inventory levels - always consult your local SLG Lighting rep for leadtimes and project needs.

ACCESSORIES

Sensors	SLG Sync App	Mounting
• **MSB-DCE-06-Z10-BT5.0-W** Bluetooth Plug-in Sensor SLG sync **L7** High Bay Lens • **MS-DCE-09-Z10-L7-W** Standalone Motion Sensor • **RM-06** Remote control for motion sensor • **PC-2** Twist-lock Photocell (480V)	• **BLANK** Commission and control your system through the free SLG Sync app. Only for SLG Sync™ bluetooth control products.	• **ALC-WMB** Wall Mount • **ALC-T** Trunnion Mount • **ALF-SFD** Slipfitter • **ALF-ASR** Adjustable square/round pole mount

Accessories shown are generally stocked items, for additional accessories questions and options please contact your local SLG Lighting rep or email sales@slgus.com.
Options for spec needs available through special request - please contact sales@slgus.com with spec needs and project size.

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FLF G2 - Flood Lights - Flex Series - 2nd Gen

PERFORMANCE INFORMATION

Series Number	Wattage	Lumens (3000K)	Lumens (4000K)	Lumens (5000K)
FLF LS250	160 W	22,500 Lm	25,000 Lm	23,500 Lm
	140 W	20,000 Lm	22,100 Lm	21,000 Lm
	110 W	16,500 Lm	18,000 Lm	17,100 Lm
	80 W	12,800 Lm	14,000 Lm	13,300 Lm
FLF LS500	330 W	45,000 Lm	50,000 Lm	46,800 Lm
	300 W	42,500 Lm	48,000 Lm	44,000 Lm
	264 W	38,000 Lm	42,000 Lm	39,000 Lm
	198 W	30,000 Lm	33,500 Lm	31,000 Lm
FLF LS600	400 W	58,200 Lm	60,500 Lm	60,000 Lm
	360 W	54,800 Lm	56,000 Lm	55,000 Lm
	320 W	50,400 Lm	51,000 Lm	50,000 Lm
	300 W	48,000 Lm	47,000 Lm	46,000 Lm

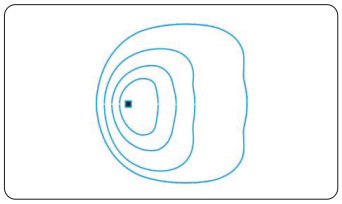
Performance information based on rigorous testing and high standards using a random sample set.

ELECTRICAL LOAD

Series Number	Wattage	120V	208V	240V	277V
FLF LS250 G2	160 W	1.33	0.77	0.67	0.58
	140 W	1.17	0.67	0.58	0.51
	110 W	0.92	0.53	0.46	0.40
	80 W	0.67	0.39	0.33	0.29
FLF LS500 G2	330 W	2.75	1.59	1.38	1.19
	300 W	2.5	1.44	1.25	1.08
	264 W	2.2	1.27	1.1	0.95
	198 W	0.67	0.38	0.33	0.29
FLF LS600 G2	400 W	3.33	1.92	1.67	1.44
	360 W	3.00	1.73	1.5	1.30
	320 W	2.67	1.54	1.3	1.55
	300 W	2.50	1.44	1.25	1.08

Series Number	347V	480V
FLF LS250 G2 HVU	0.46	0.33
	0.40	0.29
	0.31	0.23
	0.23	0.17
FLF LS500 G2 HVU	0.95	0.69
	0.87	0.63
	0.76	0.6
	0.23	0.17
FLF LS600 G2 HVU	1.44	0.83
	1.30	0.75
	1.54	0.67
	1.08	0.63

PHOTOMETRIC



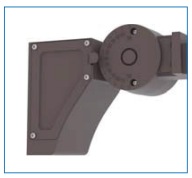
NEMA 7 7Hx7V

MOUNTING

Slipfitter Mount
An optional cast aluminum mast arm adapter secures fixture head to nominal 2-3/8"O.D. horizontal steel tenon arm.

Wall Mount
Wall Mount is easy to install for direct wall mounting with 1/2' conduit wiring or standard J-box mounting

Trunnion Mount
Die-cast aluminum trunnion is easily adapted to many surfaces and allows easy fixture aiming angles.



Adjustable Arm Mount
Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.

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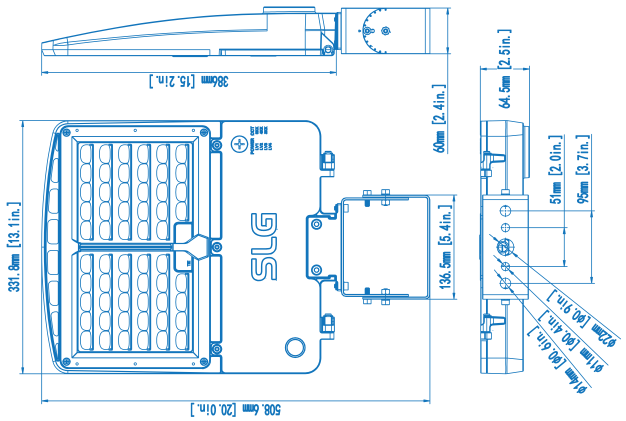
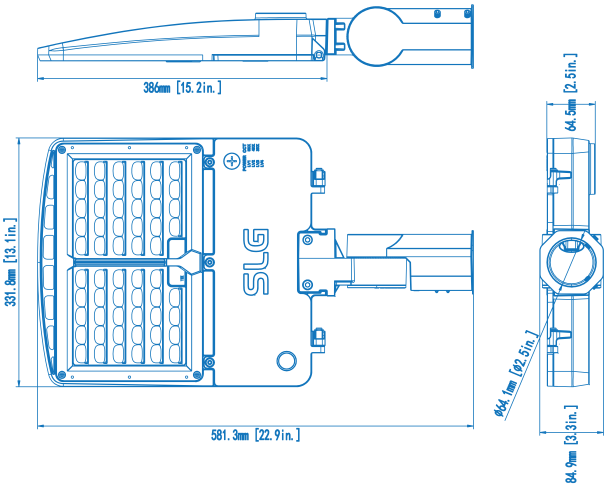
DIMENSIONS

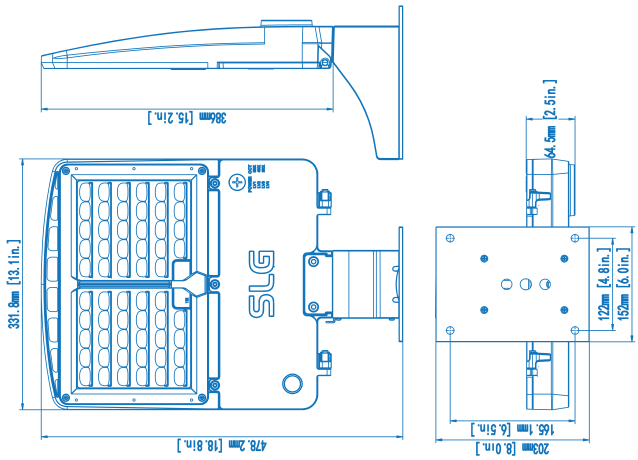
FLF LS250 - with Trunnion Mount



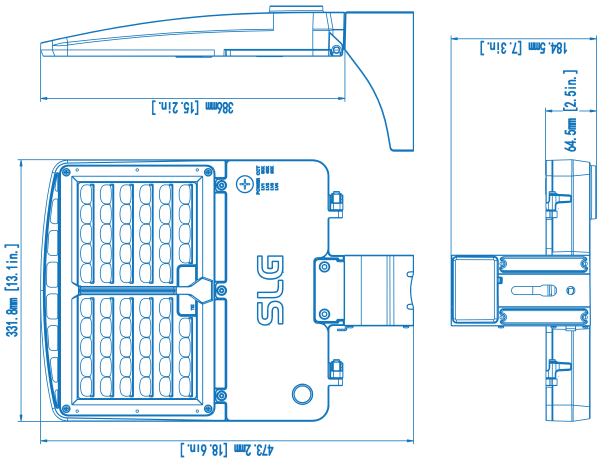
FLF LS250 - with Adjustable Slipfitter Mount



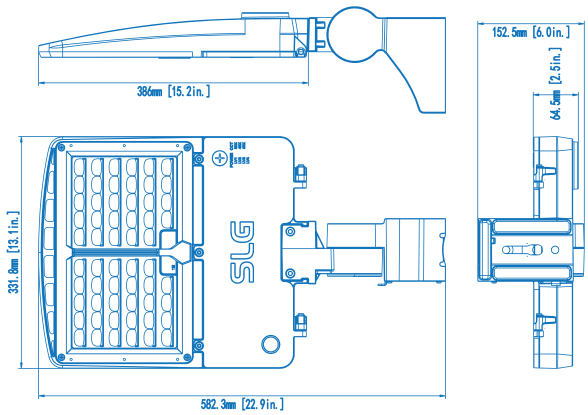
FLF LS250 - with Wall Mount



FLF LS250 - with Pole Mount



FLF LS250 - with Adjustable Pole Mount



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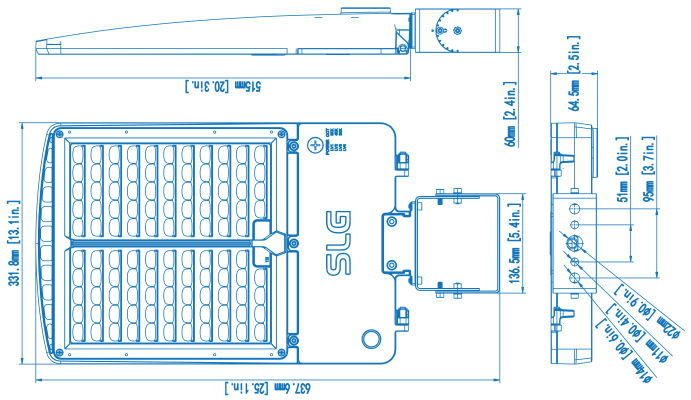
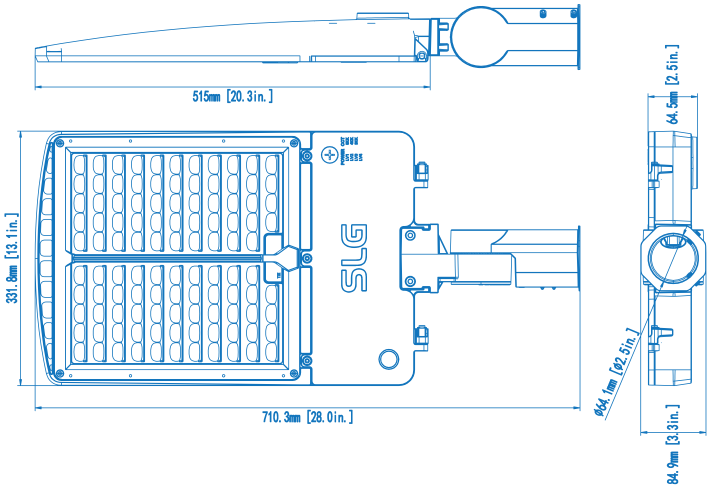
DIMENSIONS (Continued)

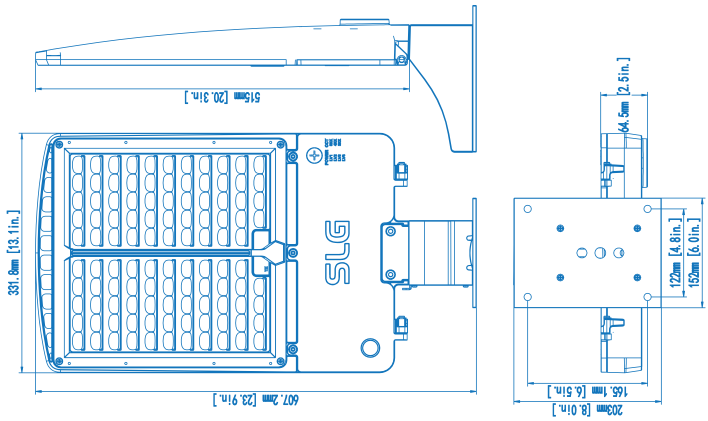
FLF LS500 - with Trunnion Mount



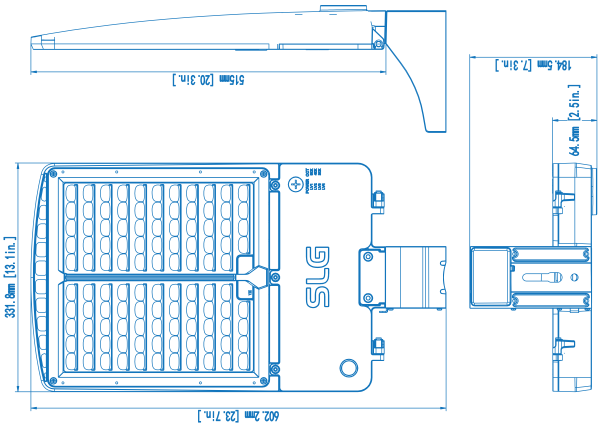
FLF LS500 - with Adjustable Slipfitter Mount



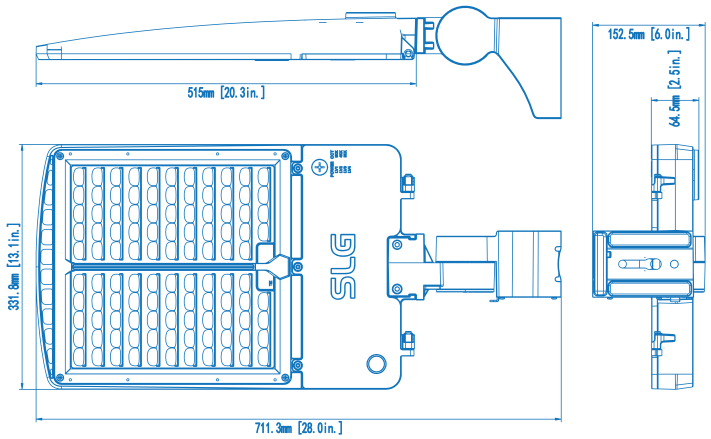
FLF LS500 and LS600 - with Wall Mount



FLF LS500 and LS600 - with Pole Mount



FLF LS500 and LS600 - with Adjustable Pole Mount



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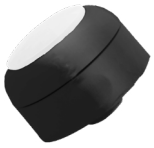
SHIPPING INFORMATION

Product number	Individual box size
FLF LS250 G2 FSK	22.05" X 14.57" X 4.72"
FLF LS500 G2 FSK	27.55" X 14.57" X 4.72"
FLF LS600 G2 FSK	27.55" X 14.57" X 4.72"

BLUETOOTH MOTION SENSOR



MSB-DCE-06-Z10-BT5.0-W
(Pictured with L7 lens)

SPECIFICATIONS

Input Voltage
DC 12V

Input Power
0.6W

Input Current
50mA Max

Output Current
10mA Max

Output Power
0.1W

Dimming
0-10V

Sinking Current
10mA Max

Bluetooth Transmit
328 ft Max

Radio Frequency
2.4GHz ± 75MHz

Bluetooth Version
4.2/5.0

Housing Material
UL 94-5VA Nylon

Detection Range
40-80 ft

Radio Frequency
2.4GHz ± 75MHz

Bluetooth Version
4.2/5.0

Housing Material
UL 94-5VA Nylon

Detection Range
40-80 ft

Mounting Height
20-40 ft

Operating Temperature
-20°C to 60°C (68°F to 140°

IP Rating
IP66

Warranty
5 Year warranty

COMMISSION

This Bluetooth sensor/controller is easily commissioned via the SLG Sync app, available for download on Google Play and the App Store.

APP DOWNLOAD

sync

Download on the App Store

GET IT ON Google Play

For commissioning guide and more information visit:

www.slgsync.com

STANDALONE MOTION SENSOR

MS-DCE-09-Z10-L7-W

SPECIFICATIONS

Input Voltage
DC 12V-24 VDC

Input Current
30mA

Dimming
DIM 0-10V

Detection Angle
Fresnel Lens 120°

IP Rating
IP65

Detection Range
9 ft

Mounting Height
Up to 40ft

Operating Temperature
-20°C to 60°C (-4°F to 140°F)

Warranty
5 Year warranty

COMMISSION

This basic sensor is commissioned via the RM06 remote. Either pre-commissioned or commissioned on site.

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