

SLING FLOOD

SLING FAMILY - SGF1/SGF2/SGF3

tradeSELECT®

FEATURES

- Commercial grade LED flood luminaire for use in outdoor applications such as a commercial building, retail, government and educational facilities.
- Low profile housing with trunnion and knuckle mounting options
- Available in eight wattages ranging from 20W to 320W
- Three housing sizes for scalability in the field
- 7x7 wide flood distribution



SPECIFICATIONS

CONSTRUCTION

- Die-cast aluminum die-cast housing
- Built in visor on all fixture sizes
- Tempered glass lens secured with sealant. Individual components are not field replaceable
- All units have dark bronze matte textured powder coat finish (matches Hubbell DBT finish)
- Operating Temp -40C to 40C
- Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating.

OPTICS

- Matte white reflector produces wide 7x7 distribution
- Beam Angle: 115°x108°
- Field Angle: 155°x156°

INSTALLATION

- SGF1 includes 1/2" 14NPS threaded knuckle
- SGF2 & SGF3 offer a slipfitter option that will fit over 2 3/8" tenons, or a trunnion option that is secured to flat surfaces via 1 or 2 bolts (not provided)

ELECTRICAL

- All configurations 60W and above are Universal Voltage (120-277V)
- 20W & 40W configurations are 120V only

CONTROLS

- 0-10V Dimmable drivers standard for 60-320W configurations. Leads extended from housing in SGF2 and SGF3 sizes
- Built in 6kV surge protector
- SGF1 wattage includes 20, 40 & 60W
- SGF2 wattage includes 80 & 120W
- SGF3 wattage includes 200, 280 & 320W

CERTIFICATIONS

- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- Wet listed
- Consortium (DLC) premium qualifications, consult DLC website for more details: <http://www.designlights.org/QPL>
- IP66 rated housing

WARRANTY

- 5 year warranty



KEY DATA

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Lumen Range	2,693–39,339
Wattage Range	20–320W
Efficacy Range (LPW)	122–128
Weights lbs. (kg)	2.6–18.4 (1.2–8.3)

ORDERING GUIDE

STOCK ORDERING INFORMATION

Catalog Number	Fixture Size	Wattage	Lumen Output	Lumens Per Watt	Color Temp	Voltage	Mounting
SGF1-20-4K-120-K	SGF1	20	2693	128	4000K	120V	Threaded Knuckle
SGF1-40-4K-120-K	SGF1	40	4896	123	4000K	120V	Threaded Knuckle
SGF1-60-4K-K	SGF1	60	7022	123	4000K	120-277V	Threaded Knuckle
SGF2-80-4K-K	SGF2	80	9773	122	4000K	120-277V	Slipfitter Knuckle
SGF2-80-4K-T	SGF2	80	9773	122	4000K	120-277V	Trunnion
SGF2-120-4K-K	SGF2	120	14584	124	4000K	120-277V	Slipfitter Knuckle
SGF2-120-4K-T	SGF2	120	14584	124	4000K	120-277V	Trunnion
SGF3-200-4K-K	SGF3	200	24703	126	4000K	120-277V	Slipfitter Knuckle
SGF3-200-4K-T	SGF3	200	24703	126	4000K	120-277V	Trunnion
SGF3-280-4K-K	SGF3	280	34852	128	4000K	120-277V	Slipfitter Knuckle
SGF3-280-4K-T	SGF3	280	34852	128	4000K	120-277V	Trunnion
SGF3-320-4K-K	SGF3	320	39339	126	4000K	120-277V	Slipfitter Knuckle
SGF3-320-4K-T	SGF3	320	39339	126	4000K	120-277V	Trunnion

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SLING FAMILY - SGF1/SGF2/SGF3

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ELECTRICAL DATA

Fixture	Input Voltage (Volts)	Oper. Current (Amps)	System Power (Watts)
SGF1-20	120	0.17	20.8
SGF1-40	120	0.33	39.8
SGF1-60	120	0.47	56.5
	277	0.20	
SGF2-80	120	0.66	79.2
	277	0.29	
SGF2-120	120	1.00	119.6
	277	0.43	
SGF3-200	120	1.67	200.8
	277	0.72	
SGF3-280	120	2.37	284.3
	277	1.03	
SGF3-320	120	2.62	314.4
	277	1.14	

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

PROJECTED LUMEN MAINTENANCE

Ambient Temperature	OPERATING HOURS					
	0	25,000	TM-21-11 L90 36,000	50,000	100,000	L70 (Hours)
25°C / 77°F	1.00	0.94	0.92	0.88	0.78	142,000
40°C / 104°F	0.99	0.94	0.91	0.88	0.77	133,000

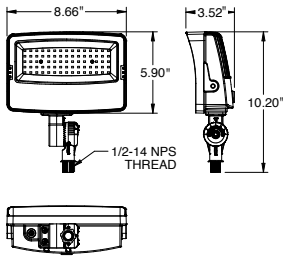
SLING FLOOD

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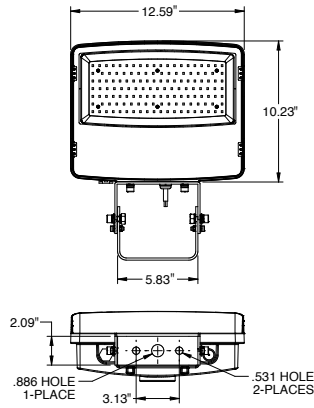
DATE:	LOCATION:
TYPE:	PROJECT:
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DIMENSIONS

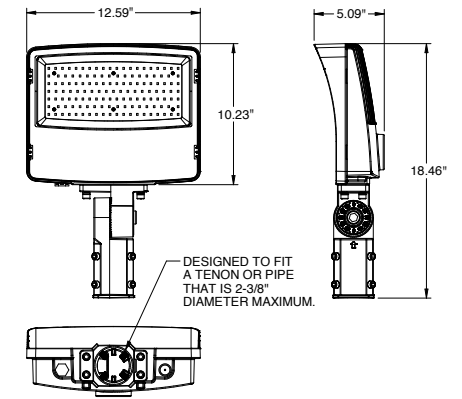
SGF1



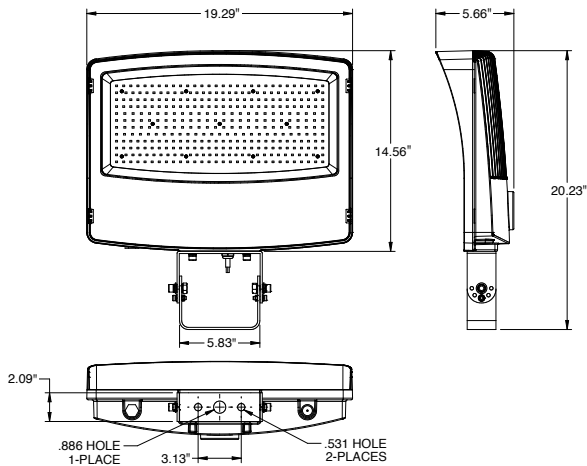
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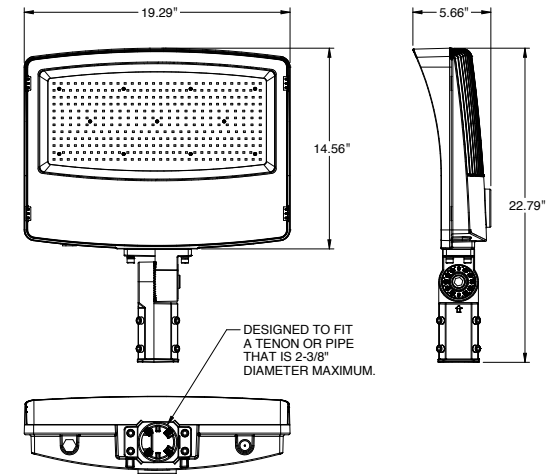
SGF2 (KNUCKLE)



SGF3 (TRUNNION)



SGF3 (KNUCKLE)

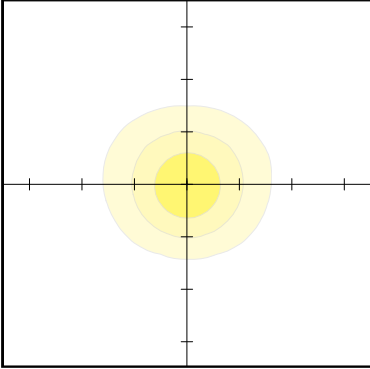


WEIGHT AND DIMENSION CHART

Configuration	Carton Size			Product Weight (lbs)
	L	W	H	Fixture Only
SGF1	12.20"	10.82"	5.71"	3.9 lbs.
SGF2 w/Knuckle	21.06"	14.76"	7.09"	13.6 lbs.
SGF2 w/Trunion	20.08"	14.76"	7.09"	12.1 lbs.
SGF3 w/Knuckle	25.00"	21.45"	7.68"	23.8 lbs.
SGF3 w/Trunion	24.02"	21.45"	7.68"	22.4 lbs.

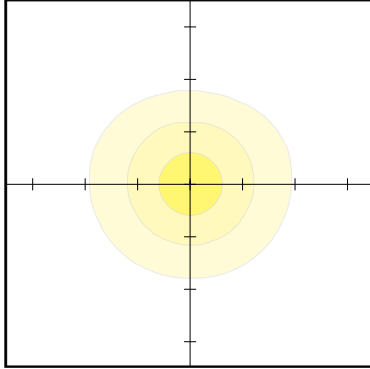
PHOTOMETRY

SGF1-20-4K-120



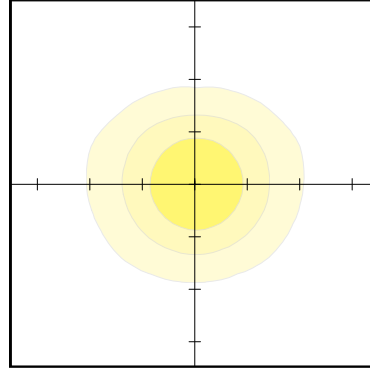
Scale: 20'
Mounting Height: 15'

SGF1-40-4K-120



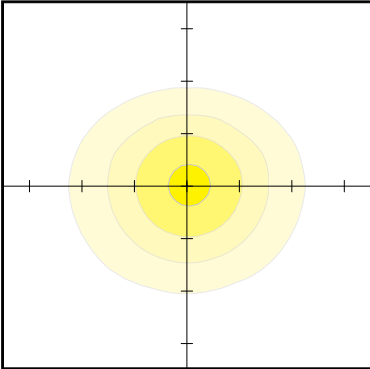
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Mounting Height: 15'

SGF1-60-4K



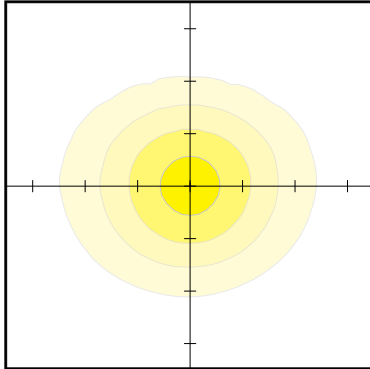
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Mounting Height: 15'

SGF2-80-4K



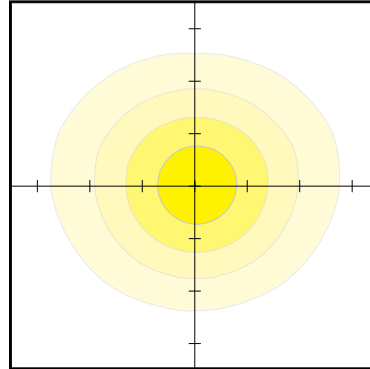
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Mounting Height: 15'

SGF2-120-4K



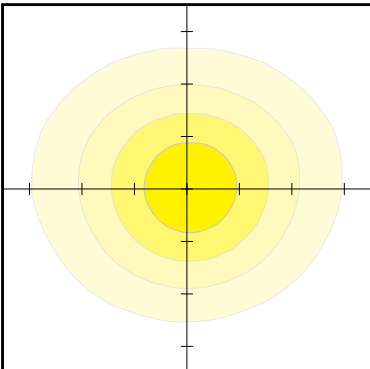
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Mounting Height: 15'

SGF3-200-4K



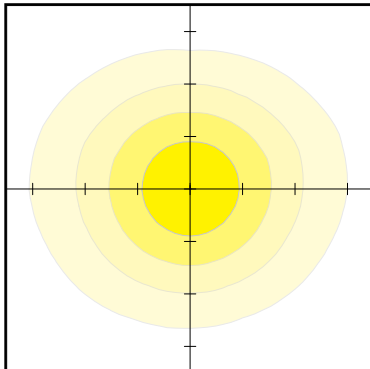
Scale: 20'
Mounting Height: 15'

SGF3-280-4K



Scale: 20'
Mounting Height: 15'

SGF3-320-4K



Scale: 20'
Mounting Height: 15'

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