

# SLING FLOOD

SGF1/SGF2/SGF3 - SWITCHABLE FLOOD

trade**SELECT**

## FEATURES

- Commercial grade LED flood luminaire for use in outdoor application; commercial buildings, retail, government and educational facilities.
- Low profile housing with knuckle installed and trunnion also included for optional field installment (SGF2 and SGF3 only)
- Available in twelve 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 Current 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°
- Lumen Switchable (3K, 4K, 5K) at 70 CRI

### INSTALLATION

- SGF1 includes knuckle mounting only
- SGF2 and SGF3 have a slipfitter installed that fits over 2 3/8" tenon. A trunnion mount is included in the box and can be field installed.

### ELECTRICAL

- All configurations are 120-347V

### CONTROLS

- Built in 6kV surge protector
- SGF1 wattage range from 20-60W
- SGF2 wattage range from 80-120W
- SGF3 wattage range from 130-320W

### CERTIFICATIONS

- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- Wet listed
- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to <http://www.designlights.org> for the most up-to-date list
- IP66 rated housing

### WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	3,049-46,759
Wattage Range	20-320W
Efficacy Range (LPW)	125-163
Weights lbs. (kg)	2.6-18.4 (1.2-8.3)

## ORDERING GUIDE

### STOCK ORDERING INFORMATION

Catalog Number	Fixture Size	Color Temp	Wattage	Lumen Output	Lumens Per Watt	Mounting
SGF1-60-LSCS-UNVC	SGF1	3000	20	3049	152	Knuckle
		4000		3485	174	
		5000		3257	163	
		3000	40	5411	138	
		4000		6184	157	
		5000		5779	147	
		3000	60	7187	123	
		4000		8214	141	
		5000		7676	132	
SGF2-120-LSCS-UNVC	SGF2	3000	80	10813	135	Knuckle & Trunnion
		4000		11677	146	
		5000		11513	144	
		3000	100	13516	132	
		4000		14596	143	
		5000		14391	141	
		3000	120	15268	125	
		4000		16488	135	
		5000		16256	133	
SGF3-200-LSCS-UNVC	SGF3	3000	130	17811	137	Knuckle & Trunnion
		4000		19404	149	
		5000		16541	127	
		3000	160	20801	130	
		4000		23897	149	
		5000		22401	140	
		3000	200	25808	129	
		4000		30953	155	
		5000		27702	139	
SGF3-320-LSCS-UNVC	SGF3	3000	200	25156	126	Knuckle & Trunnion
		4000		29225	146	
		5000		27201	136	
		3000	280	35219	126	
		4000		39824	142	
		5000		37103	133	
		3000	320	40250	127	
		4000		46759	135	
		5000		43521	135	

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DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

## ELECTRICAL DATA

Fixture	Input Voltage (Volts)	Oper. Current (Amps)	System Power (Watts)	Fixture	Input Voltage (Volts)	Oper. Current (Amps)	System Power (Watts)
SGF1-20	120	0.17	20	SGF3-130	120	1.08	130
	277	0.07			277	0.47	
	347	0.06			347	0.37	
SGF1-40	120	0.33	40	SGF3-160	120	1.33	160
	277	0.14			277	0.58	
	347	0.12			347	0.46	
SGF1-60	120	0.50	60	SGF2-200	120	1.67	200
	277	0.22			277	0.72	
	347	0.17			347	0.58	
SGF2-80	120	0.67	80	SGF3-200	120	1.67	200
	277	0.29			277	0.72	
	347	0.23			347	0.58	
SGF2-100	120	0.83	100	SGF3-280	120	2.33	280
	277	0.36			277	1.01	
	347	0.29			347	0.81	
SGF2-120	120	1.00	120	SGF3-320	120	2.67	320
	277	0.43			277	1.16	
	347	0.35			347	0.92	

## 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

## EPA

EPA (Front/Side)	
SGF1	0.46ft²/0.16ft²
SGF2	1.25ft²/0.45ft²
SGF3	2.45ft²/0.60ft²

## PROJECTED LUMEN MAINTENANCE

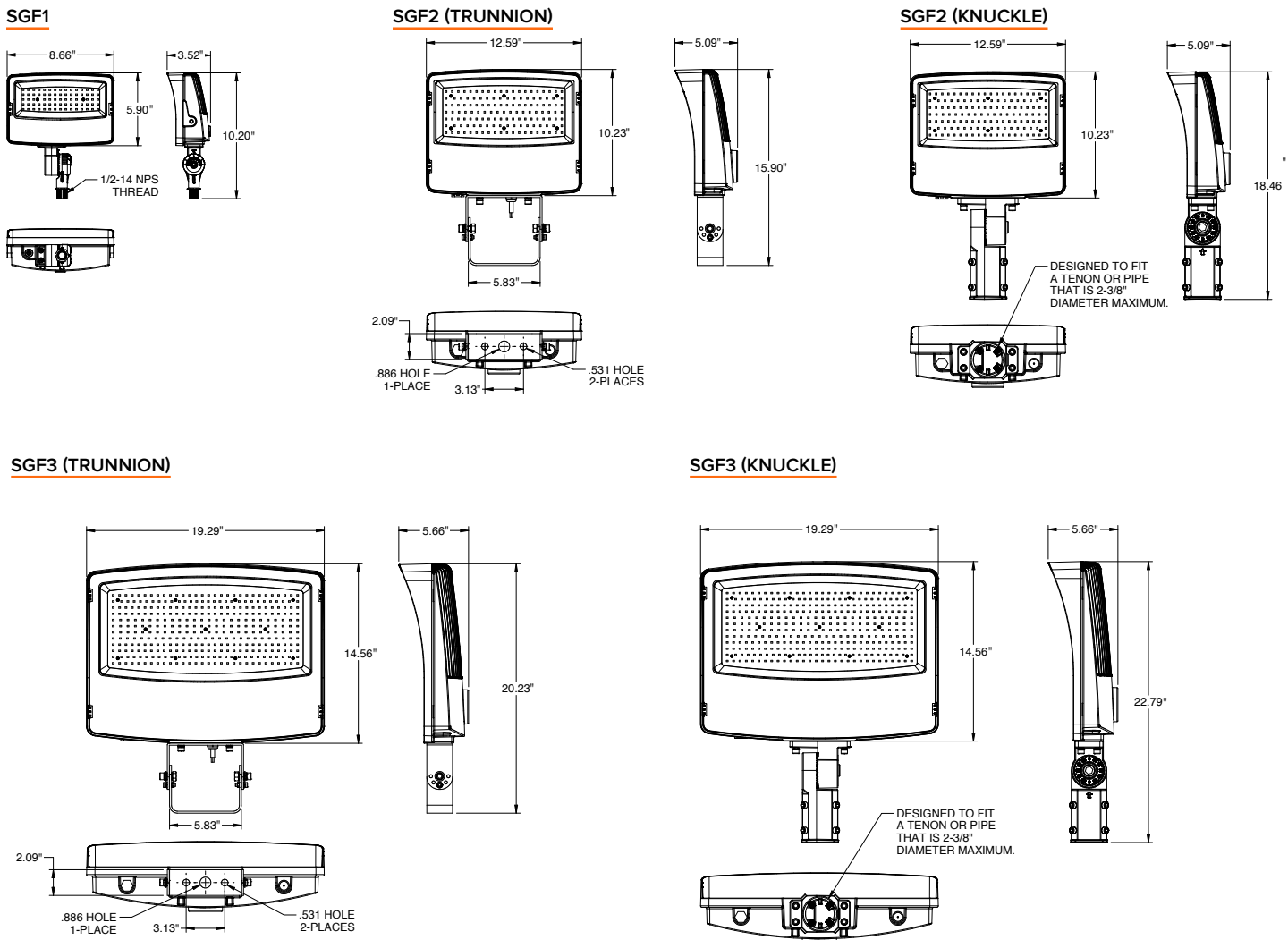
Ambient Temperature	OPERATING HOURS					
	0	25,000	TM-21-11 L90 36,000	50,000	100,000	L70 (Hours)
25°C / 77°F	1.00	0.94	0.92	0.88	0.78	142,000
40°C / 104°F	0.99	0.94	0.91	0.88	0.77	133,000

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## DIMENSIONS



## WEIGHT AND DIMENSION CHART

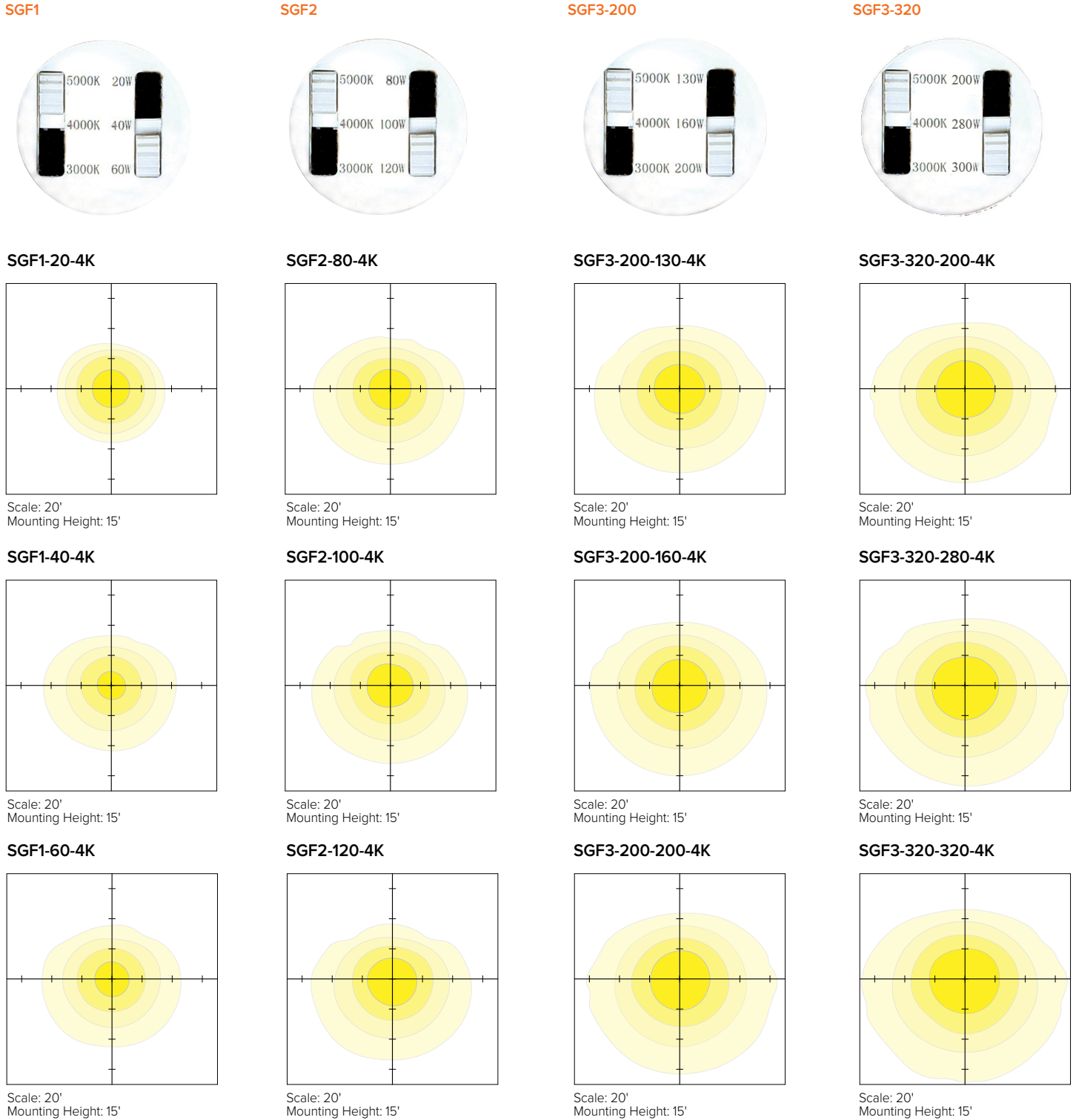
Configuration	Carton Size			Product Weight (lbs)
	L	W	H	Fixture Only
SGF1	12.20"	10.83"	5.71"	3.9 lbs.
SGF2	21.06"	14.76"	7.09"	13.6 lbs.
SGF3	25.00"	21.45"	7.68"	23.8 lbs.

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## PHOTOMETRY



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