



The **SlimFlood Selectable Gen 3** offers energy saving LED technology along with field selectable color, beam angle, and wattage. Versatile and stylish with seven different sizes to choose from, provides application flexibility for ground, wall or pole mounting installations, with both included in carton. Ideal for sign lighting, building facades, security lighting, and general purpose floodlighting applications.



Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

example: SF35-SCT-G3-10-PCB-BZ

Luminaire ¹	CCT	Generation	Voltage	Options	Finish
	SCT	G3	10	PCB	BZ
SF20 SlimFlood 10-15-20W SF35 SlimFlood 15-25-35W SF60 SlimFlood 35-45-60W SF80 SlimFlood 60-70-80W SF150 SlimFlood 100-120-150W SF250 SlimFlood 190-220-250W SF300 SlimFlood 150-240-300W	SCT CCT Selectable (3000K, 4000K, 5000K)	G3 Gen 3	10 120-347V	PCB Photocell ²	BZ Bronze

1. Knuckle & Yoke in carton SF20, SF35, SF60, SF90. Trunnion & Slipfitter in carton for SF150, SF250, SF300.

2. Photocell is included as standard for SF20, SF60, SF80, SF150 with an ON/OFF switch.

3. Photocell is included in carton for SF250 and SF300.

Accessories

Ordering Guide	Description
SFWG-20	Wire guard for SF20
SFWG-30	Wire guard for SF30
SFWG-60	Wire guard for SF60
SFWG-80	Wire guard for SF80
SFWG-150	Wire guard for SF150
SFWG-250-300	Wire guard for 250 and 300

LED Wattage and Lumen Values

Ordering Guide	Color Temp. (K) ¹	Average System Wattage ^{2,4}	Beam angle ³	Lumen Output ^{2,5}	Efficacy (LPW)
SF20	4000	10/15/20W	90°	1610/2330/3120lm	161/159/156
SF35	4000	15/25/35W	90°	2480/3900/5200lm	165/156/148
SF60	4000	35/45/60W	90°	5900/7460/9300lm	168/165/155
SF80	4000	60/70/80W	90°	10100/11200/12500lm	168/160/156
SF150	4000	100/120/150W	90°	16700/19200/23000lm	167/160/153
SF250	4000	190/220/250W	90°	30400/34000/38050lm	160/154/152
SF300	4000	150/240/300W	90°	24650/37200/43500lm	164/155/145

1. Color temperature factory setting is 4000K.

2. Wattage/Lumen Output factory setting set to max power option.

3. Beam angle factory setting is 90°.

4. Wattage may vary by +/-10% due to actual input voltage.

5. Lumen Output may vary by +/-10% due to actual wattage.

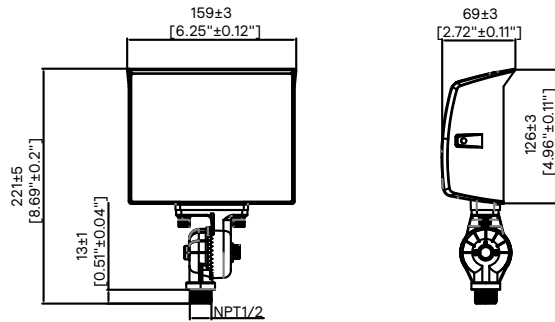
6. Lumen values based on photometric tests performed in compliance with IESNA LM-79.

SF20/35/60/80/150/250/300

SlimFlood LED Select 20-300W

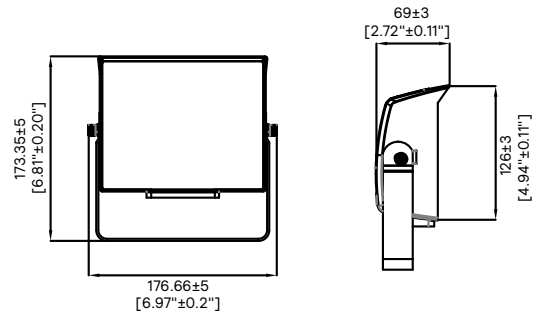
Dimensions: 20-35W

Knuckle

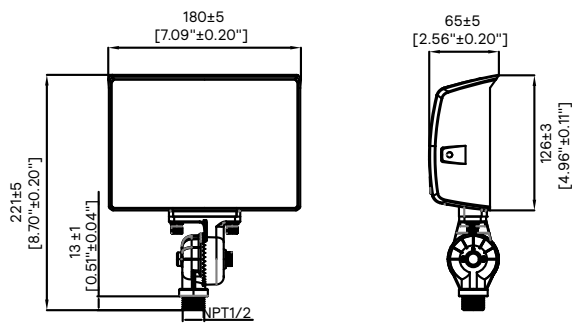


20W Knuckle
SlimFlood 10-15-20W/3CCT/UN3/KN

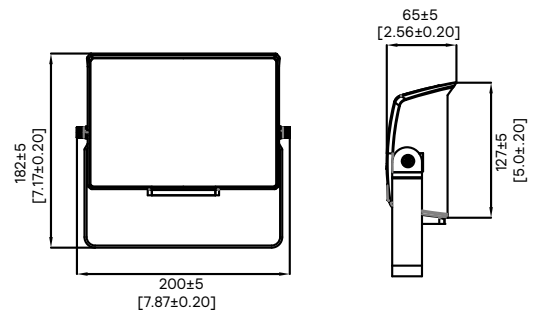
Yoke



20W Yoke
SlimFlood 10-15-20W/3CCT/UN3/YK



35W Knuckle
SlimFlood 15-25-35W/3CCT/UN3/KN/PCB



35W Yoke
SlimFlood 15-25-35W/3CCT/UN3/YK/PCB

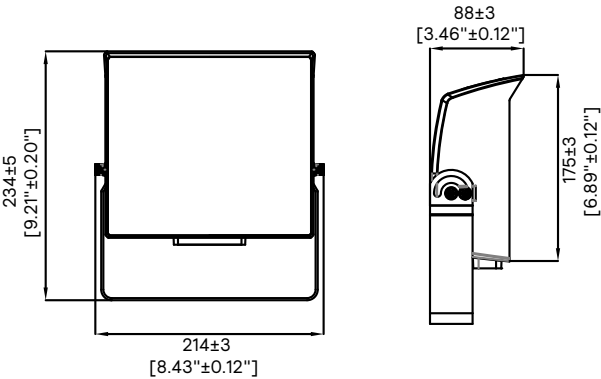
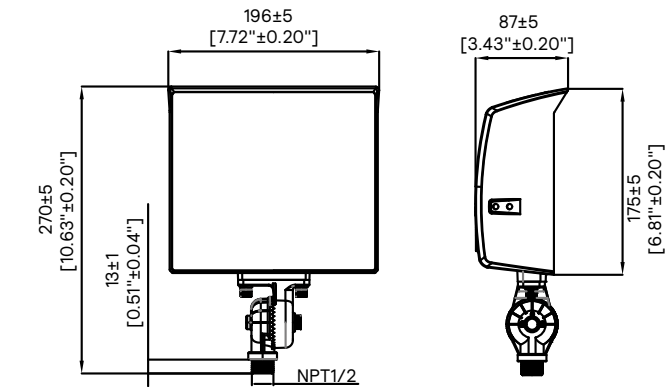
SF20/35/60/80/150/250/300

SlimFlood LED Select 20-300W

Dimensions (cont'd): 60-80W

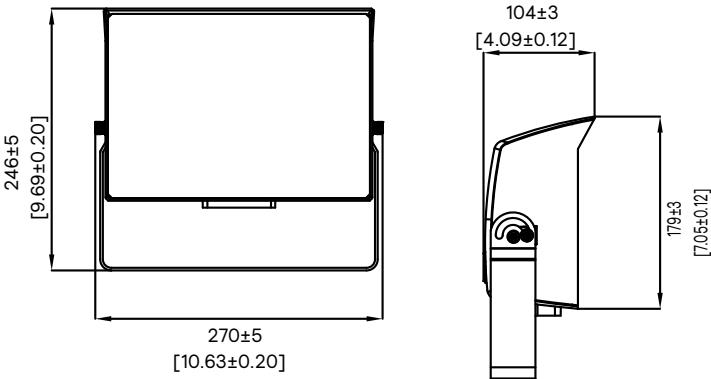
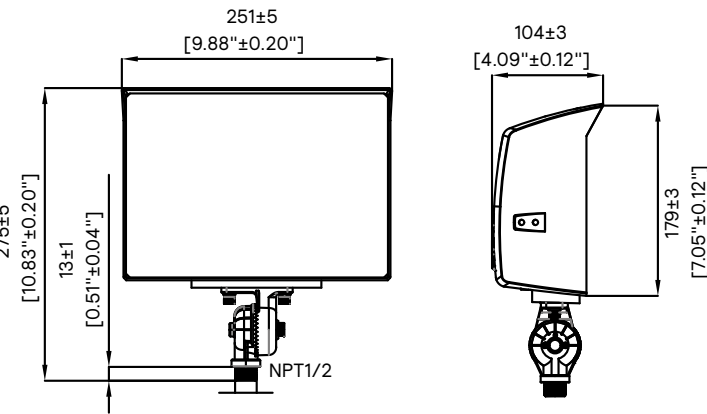
Knuckle

Yoke



60W Knuckle
SlimFlood 34-45-60W/3CCT/UN3/KN/PCB

60W Yoke
SlimFlood 34-45-60W/3CCT/UN3/YK/PCB



80W Knuckle
SlimFlood 60-70-80W/3CCT/UN3/KN/PCB

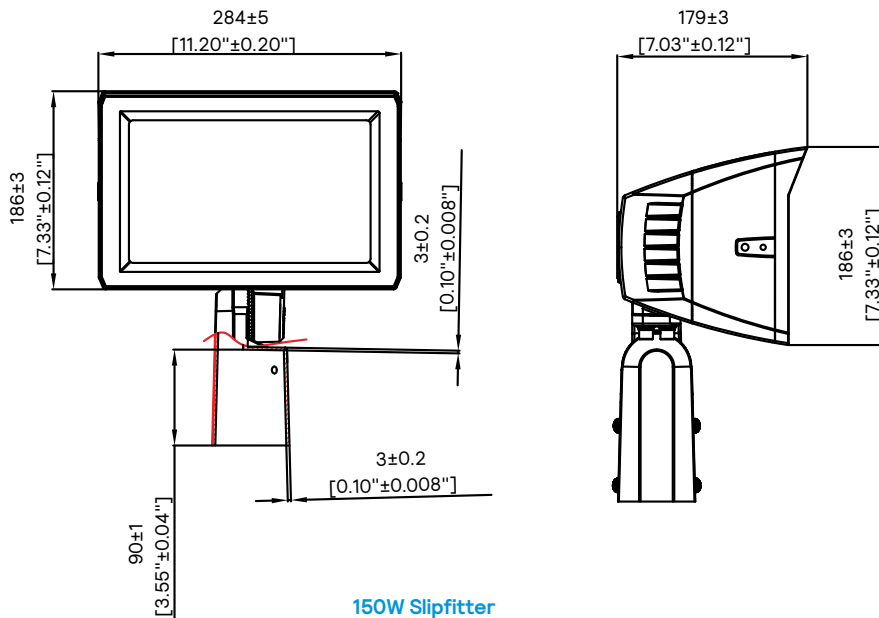
80W Yoke
SlimFlood 60-70-80W/3CCT/UN3/YK/PCB

SF20/35/60/80/150/250/300

SlimFlood LED Select 20-300W

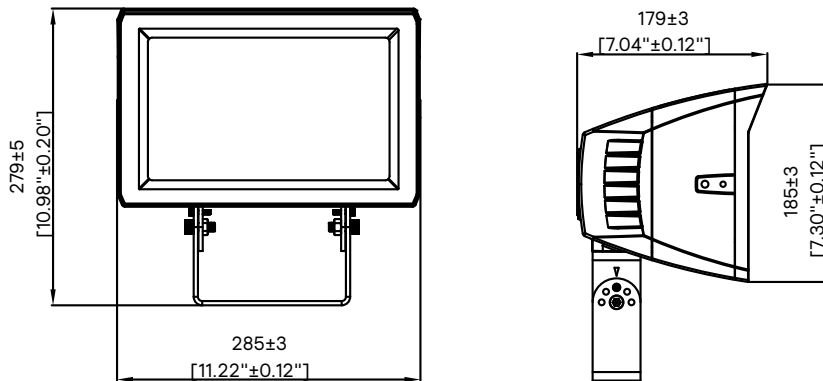
Dimensions (cont'd): 150W

Slipfitter



150W Slipfitter
SlimFlood 100-120-150W/3CCT/UN3/SF/PCB

Trunnion



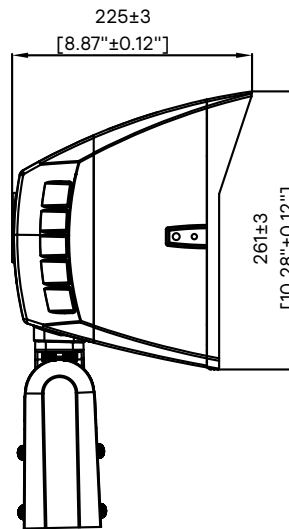
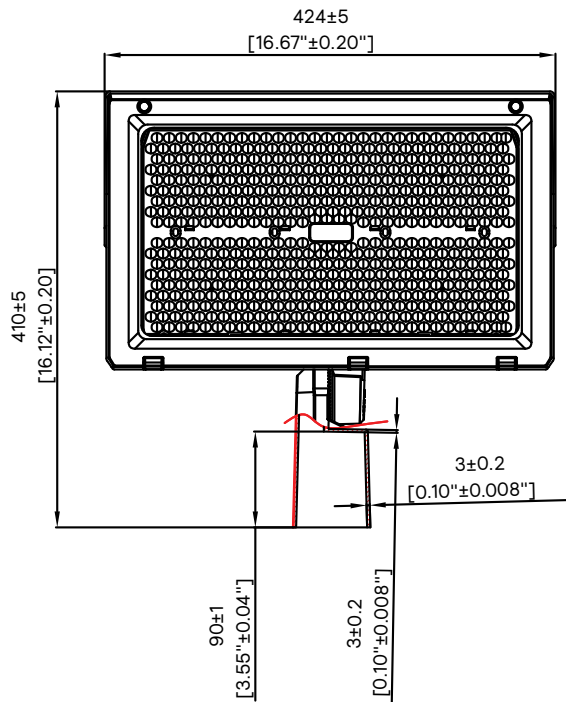
150W Trunnion
SlimFlood 100-120-150W/3CCT/UN3/TN/PCB

SF20/35/60/80/150/250/300

SlimFlood LED Select 20-300W

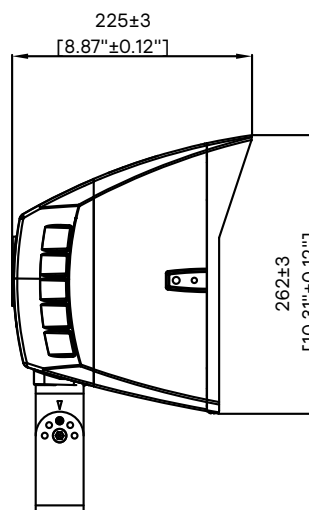
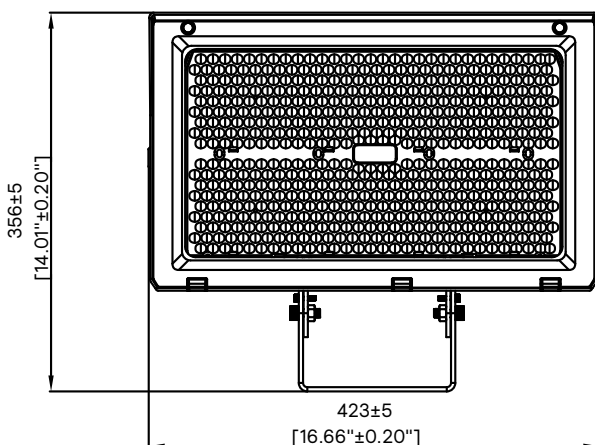
Dimensions (cont'd): 250W

Slipfitter



250W Slipfitter
SlimFlood 190-220-250W/3CCT/UN3/SF

Trunnion



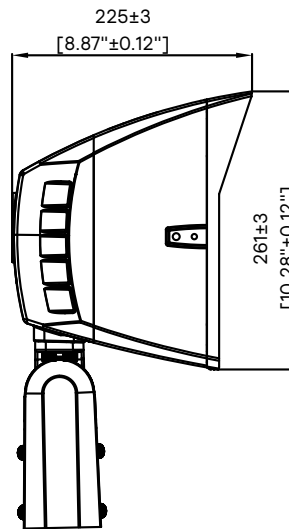
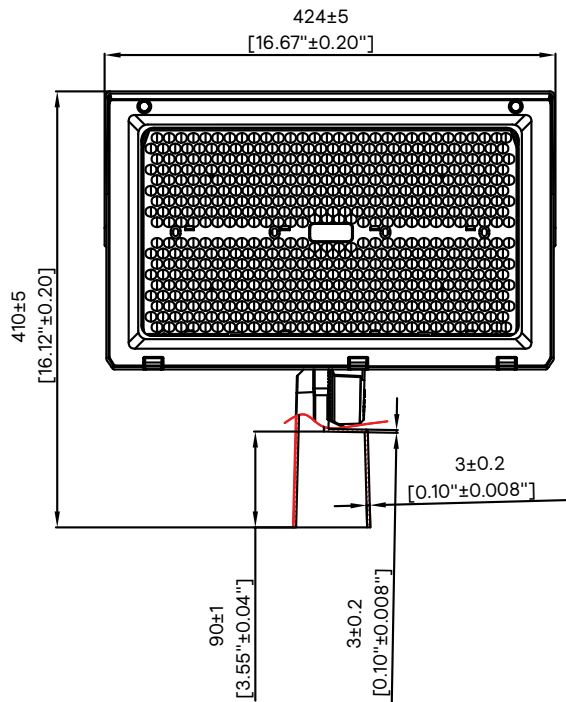
250W Trunnion
SlimFlood 190-220-250W/3CCT/UN3/TN

SF20/35/60/80/150/250/300

SlimFlood LED Select 20-300W

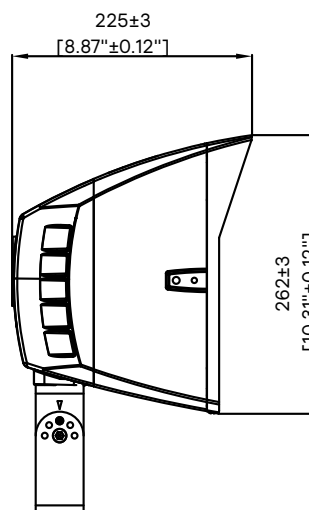
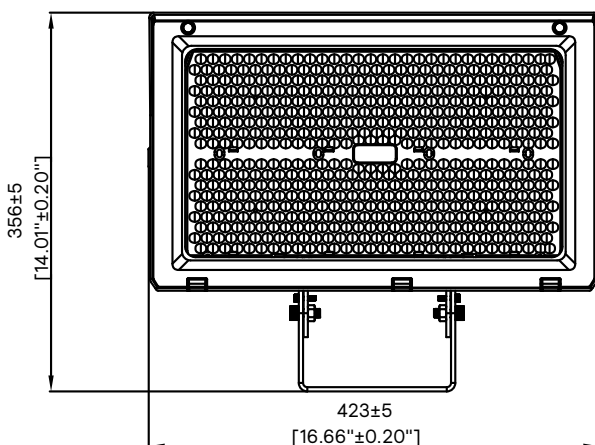
Dimensions (cont'd): 300W

Slipfitter



300W Slipfitter
SlimFlood 150-240-300W/3CCT/UN3/SF

Trunnion



300W Trunnion
SlimFlood 150-240-300W/3CCT/UN3/TN

SF20/35/60/80/150/250/300

SlimFlood LED Select 20–300W

Specifications

Housing and Heat Sink

Single piece aluminum alloy die cast housing.

Mounting

Suitable for mounting within 4' (1.2m) of the ground.

Knuckle: Integral die cast Aluminum adjustable knuckle ½" NPT male threads with locking teeth and bolt to lock in aiming angle. Ships fully assembled, ready to install. Knuckle mount option standard for SF20, SF35, SF60, and SF80 only.

Yoke: Integral structural steel adjustable Yoke for direct surface mounting, painted for resistance to corrosion, with bolt to lock in aiming angle. Ships fully assembled, ready to install. Yoke mount option standard for SF20, SF35, SF60, and SF80 only.

Trunnion: Integral structural steel adjustable trunnion for direct surface mounting, painted for resistance to corrosion, with bolt to lock in aiming angle. Ships fully assembled, ready to install. Trunnion mount option for SF150, SF250 and SF300 only.

Slipfitter: Integral die cast Aluminum adjustable slipfitter includes set screws for securing luminaire to 2-3/8" O.D. tenon, with aiming angle markings and bolt to lock in aiming angle. Ships fully assembled, ready to install. Slipfitter mount option for SF150, SF250 and SF300 only.

Angle aiming/tilt: -90/0/90

Lens

20W–300W Polycarbonate lens.

Light Engine

Composed of 3 main components: LED Module / Optical System / Driver. Electrical components are RoHS compliant.

Color Temperature

All luminaires are provided with three field selectable color temperature options: 3000K/4000K (Default)/5000K.

Wattage

SlimFlood Selectable is provided with wattage field adjustable options.

20W/15W/10W switchable, default setting: 20W
35/25/15W switchable, default setting: 35W
60/45/35W switchable, default setting: 60W
80/70/60W switchable, default setting: 80W
150/120/100W switchable, default setting: 150W
250/220/190W switchable, default setting: 250W
300/240/150W switchable, default setting: 300W

Driver

Slim Flood Selectable operates with a 120–347V; 50/60Hz Class 1 or Class 2 driver. All configurations operate with 0–10V dimming.

Other Integrated Features

Photocell: Included as standard for SF20, SF60, SF80, SF150 with an ON/OFF switch in the luminaire and included in carton for SF250 & SF300.

Surge Protection: Each luminaire is provided as standard with surge protection. 20–35W: 2.5KV; 60W: 6KV; 80–300W: 10KV.

Beam Angle: 20–300W adjustable optics – 90°/75°/55°.

Finish

Fade and abrasion resistant powdercoat bronze finish (RAL 8019).

Certifications and Compliance

cULus Listed for Canada and USA. DLC 5.1 Premium. Entire luminaire is rated for operation in ambient temperature of:

20–150W: -30°C–50°C with Photocell **on**,

20–150W: -40°C–50°C with Photocell **off**;

250–300W: -40°C–50°C

IP65 Rating

Entire luminaire including light engine and driver/electrical compartment IP65 rated in all aiming positions including upward aiming floodlighting applications.

Limited Warranty

5-year limited warranty. See <https://www.genlyte.com/en-us/support/warranties> for details and restrictions. Visit our eCatalog or contact your local sales representative for more information.

Predicted Lumen Depreciation Data

Ambient Temperature °C	L ₇₀ per TM21 ^{1,2}
25°C	50,000hrs

1. L₇₀ is the predicted time when LED performance depreciates to 70% of initial lumen output.

2. Calculated per IESNA TM 21-11. Published L₇₀ hours limited to 6 times actual LED test hours.

EPA and Weight

12NC	Description	EPA (ft ²)			Weight (lbs/kg)
		0°	45°	90°	
911401859687	SF20-SCT-G3-10-PCB-BZ	0.098	0.14	0.3	2.1/0.96
911401859787	SF35-SCT-G3-10-PCB-BZ	0.098	0.14	0.3	2.1/0.96
911401859887	SF60-SCT-G3-10-PCB-BZ	0.16	0.25	0.5	3.66/1.66
911401859987	SF80-SCT-G3-10-PCB-BZ	0.21	0.29	0.65	5.06/2.3
911401860087	SF150-SCT-G3-10-PCB-BZ	0.35	0.49	0.83	9.9/5.5
911401860187	SF250-SCT-G3-10-PCB-BZ	0.58	0.93	1.6	12.98/6.9
911401860287	SF300-SCT-G3-10-PCB-BZ	0.58	0.93	1.6	12.98/6.9