Floodlights

SlimFlood dual select

SF15/35/60/100/150/205/300

KEENE
by Signify

The **SlimFlood dual select** offers energy saving LED technology along with field selectable color and wattage. Versatile and stylish with seven different sizes to choose from, provides application flexibility for ground, wall or pole mounting installations. 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-K-G2-10-PCB-BZ

Luminaire	CCT SCT	Mounting	Generation G2	Voltage 10	Options	Finish BZ
SF15 SlimFlood S 15W **SF35** SlimFlood DS 15-25-35W **SF60** SlimFlood DS 15-35-60W **SF100** SlimFlood DS 60-80-100W **SF150** SlimFlood DS 100-120-150W **SF205** SlimFlood DS 120-150-205W **SF300** SlimFlood DS 205-255-300W	**SCT** CCT Selectable (3000K, 4000K, 5000K)	**K** Knuckle Mount[1] **Y** Yoke Mount[1] (SF15, SF35, and SF60 only) **S** Slipfitter Mount[2] **T** Trunnion Mount[2] (SF100, SF150, SF205, and SF300 only)	**G2** Gen 2	**10** 120-347V	**–** None[3] (SF15 only) **PCB** Photocell[4] (SF35, SF60, SF100, SF150 only) **–** Photocell Ready, Photocell sold separately as SFW205-300-PCB[5] (SF205 and SF300 only)	**BZ** Bronze

1. Knuckle & Yoke mount options standard for SF15, SF35 and SF60 only.
2. Slipfitter & Trunnion mount options for SF100, SF150, SF205 and SF300 only.
3. Photocell option not available for SF15.
4. Photocell is included as standard for SF35, SF60, SF100, SF150 with an ON/OFF switch.
5. Photocell option can be purchased as a separate accessory for SF205 & SF300 use code SF205-300-PCB.

LED Wattage and Lumen Values

Ordering Guide	Color Temp. (K)[1]	Average System Wattage[3]	Lumen Output[3,4]	Efficacy (LPW)
SF15	4000	15W[2]	2175lm	145
SF35	4000	15/25/35W	2370/3800/5075lm	145
SF60	4000	15/35/60W	2370/5320/8700lm	145
SF100	4000	60/80/100W	9540/12320/14800lm	145
SF150	4000	100/120/150W	15800/18240/21750lm	145
SF205	4000	120/150/205W	18600/22500/29725lm	145
SF300	4000	205/255/300W	31775/38250/43500lm	145

1. Color temperature factory setting is 4000K.
2. Wattage/Lumen Output factory setting set to mid power option.
3. SF15 is not wattage selectable.
4. Wattage and lumen output may vary by +/10% due to actual input voltage.
5. Lumen values based on photometric tests performed in compliance with IESNA LM-79.
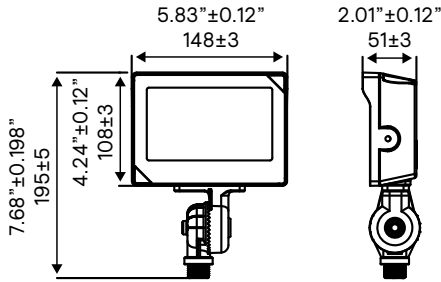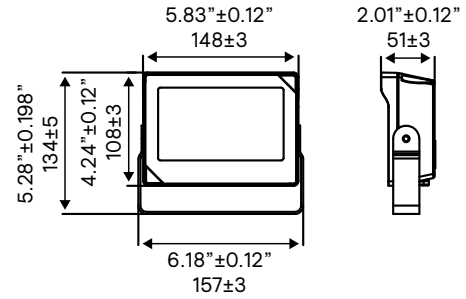
SF15/35/60/100/150/205/300

SlimFlood LED dual select 15-300W
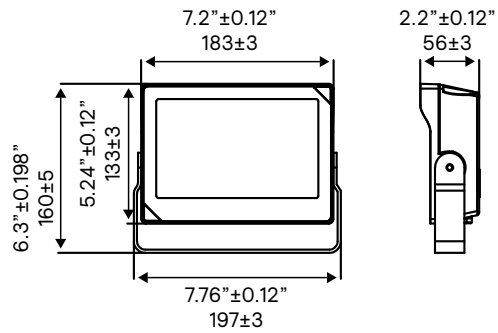
Dimensions: 15-60W

Knuckle

5.83"±0.12"
148±3

2.01"±0.12"
51±3

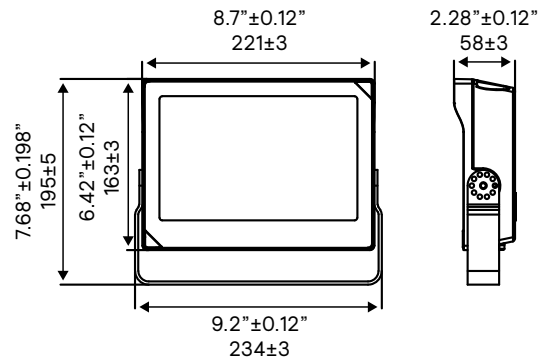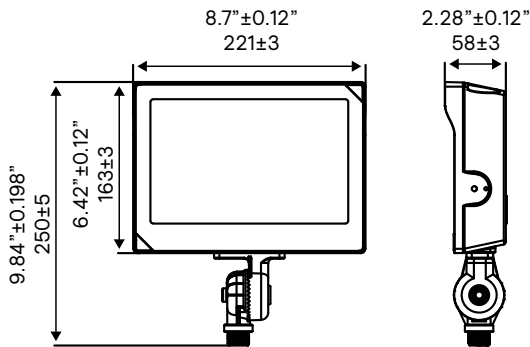4.24"±0.12"
108±3

7.68"±0.198"
195±5

15W Knuckle
SlimFlood 15W/3CCT/UN3/KN

7.2"±0.12"
183±3

2.2"±0.12"
56±3

5.24"±0.12"
133±3

8.66"±0.198"
220±5

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

8.7"±0.12"
221±3

2.28"±0.12"
58±3

6.42"±0.12"
163±3

9.84"±0.198"
250±5

60W Knuckle
SlimFlood 15-35-60W/3CCT/UN3/KN/PCB

Yoke

5.83"±0.12"
148±3

2.01"±0.12"
51±3

4.24"±0.12"
108±3

5.28"±0.198"
134±5

6.18"±0.12"
157±3

15W Yoke
SlimFlood 15W/3CCT/UN3/YK

7.2"±0.12"
183±3

2.2"±0.12"
56±3

5.24"±0.12"
133±3

6.3"±0.198"
160±5

7.76"±0.12"
197±3

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

8.7"±0.12"
221±3

2.28"±0.12"
58±3

6.42"±0.12"
163±3

7.68"±0.198"
195±5

9.2"±0.12"
234±3

60W Yoke
SlimFlood 15-35-60W/3CCT/UN3/YK/PCB

SF15/35/60/100/150/205/300

SlimFlood LED dual select 15-300W

Dimensions (cont'd): 100-150W
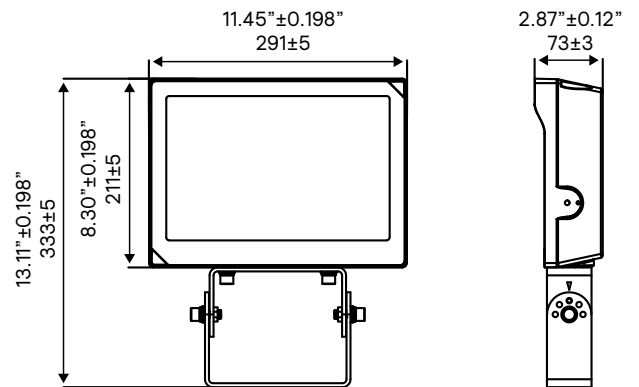
10.28"±0.198"
261±5

2.72"±0.12"
69±5

7.52"±0.198"
191±5

14.41"±0.198"
366±5
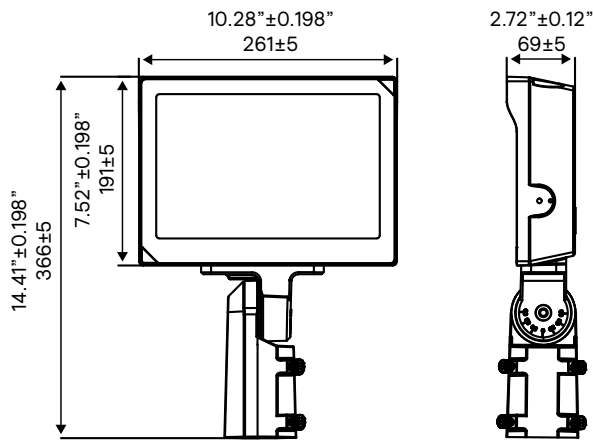
100W Slipfitter
SlimFlood 60-80-100W/3CCT/UN3/SF/PCB

11.45"±0.198"
291±5

2.87"±0.12"
73±3

8.30"±0.198"
211±5

15.19"±0.198"
386±5
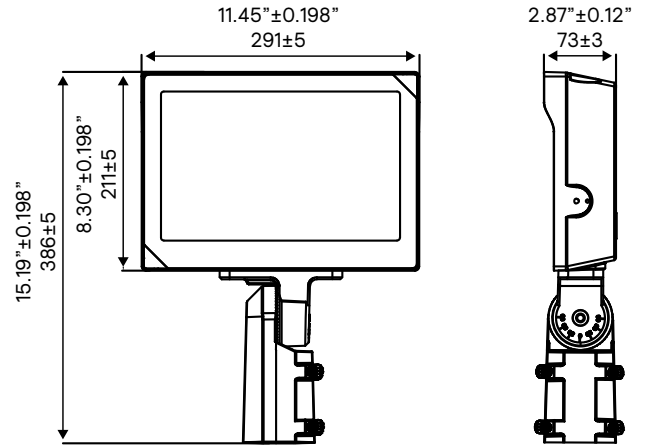
150W Slipfitter
SlimFlood 100-120-150W/3CCT/UN3/SF/PCB

10.28"±0.198"
261±5

2.72"±0.12"
69±5

7.52"±0.198"
191±5

12.28"±0.198"
312±5
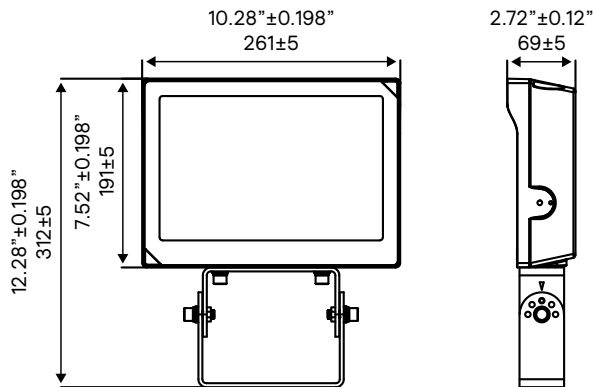
100W Trunnion
SlimFlood 60-80-100W/3CCT/UN3/TN/PCB

11.45"±0.198"
291±5

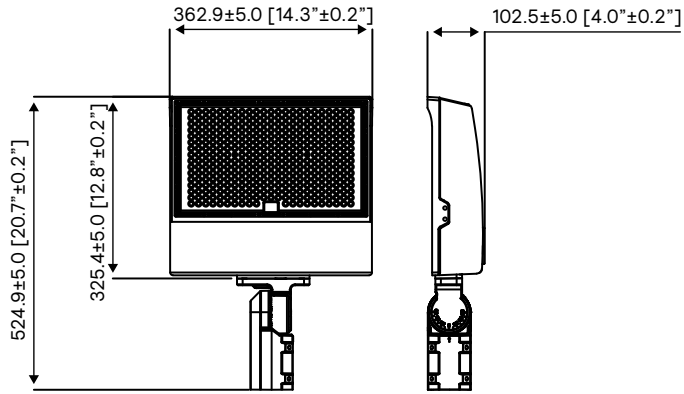2.87"±0.12"
73±3

8.30"±0.198"
211±5

13.11"±0.198"
333±5

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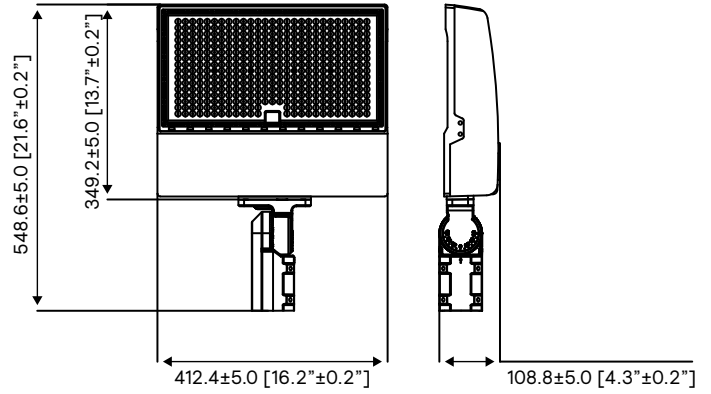**SlimFlood 100-120-150W/3CCT/UN3/TN/PCB**

SF15/35/60/100/150/205/300

SlimFlood LED dual select 15-300W

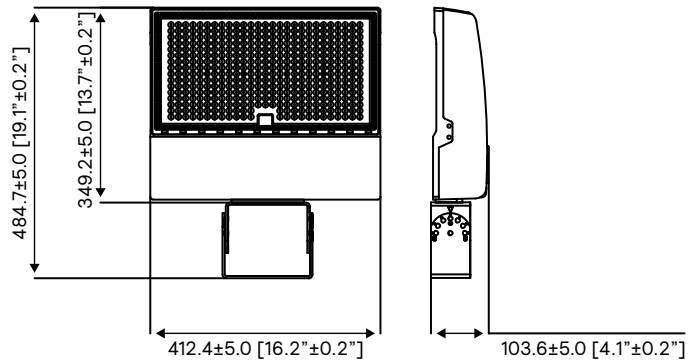**Dimensions (cont'd):** 205-300W

205W Slipfitter
SlimFlood 120-150-205W/3CCT/UN3/SF

362.9±5.0 [14.3"±0.2"]
102.5±5.0 [4.0"±0.2"]
524.9±5.0 [20.7"±0.2"]
325.4±5.0 [12.8"±0.2"]

300W Slipfitter
SlimFlood 205-255-300W/3CCT/UN3/SF

548.6±5.0 [21.6"±0.2"]
349.2±5.0 [13.7"±0.2"]
412.4±5.0 [16.2"±0.2"]
108.8±5.0 [4.3"±0.2"]
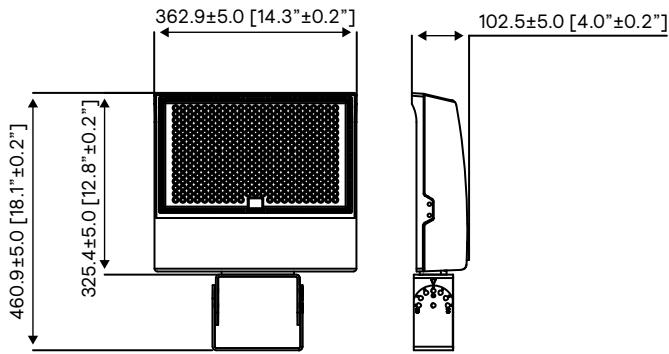
205W Trunnion
SlimFlood 120-150-205W/3CCT/UN3/TN

362.9±5.0 [14.3"±0.2"]
102.5±5.0 [4.0"±0.2"]
460.9±5.0 [18.1"±0.2"]
325.4±5.0 [12.8"±0.2"]

300W Trunnion
SlimFlood 205-255-300W/3CCT/UN3/TN

484.7±5.0 [19.1"±0.2"]
349.2±5.0 [13.7"±0.2"]
412.4±5.0 [16.2"±0.2"]
103.6±5.0 [4.1"±0.2"]

SF15/35/60/100/150/205/300

SlimFlood LED dual select 15-300W

Specifications

Housing and Heat Sink

Single piece aluminum alloy die cast housing.

Mounting

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

Knuckle (K, see Ordering guide): Integral die cast Aluminum adjustable knuckle (K) with locking teeth and bolt to lock in aiming angle. Ships fully assembled, ready to install. Knuckle mount option standard for SF15, SF35 and SF60 only.

Yoke (Y, see Ordering guide): Integral structural steel adjustable Yoke (Y) 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 SF15, SF35 and SF60 only.

Trunnion (T, see Ordering guide): Integral structural steel adjustable trunnion (T) 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 SF100, SF150, SF205 and SF300 only.

Slipfitter (S, see Ordering guide): Integral die cast Aluminum adjustable slipfitter (S) includes set screws for securing luminaire to tenon, with aiming angle markings and bolt to lock in aiming angle. Ships fully assembled, ready to install. Slipfitter mount option for SF100, SF150, SF205 and SF300 only.

Lens

15W - 150W Tempered glass lens
205W - 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 dual select is provided with wattage field adjustable options.

SF15: 15W(Default);
SF35: 15-25(Default)-35W;
SF60: 15-35(Default)-60W;
SF100: 60-80(Default)-100W;
SF150: 100-120(Default)-150W;
SF205: 120-150(Default)-205W;
SF300: 205-255(Default)-300W.

Driver

SlimFlood dual select 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 SF35, SF60, SF100, SF150 with an ON/OFF switch in the luminaire and can be purchased as a separate field installable accessory for SF205 & SF300 using code SF205-300-PCB.

Surge Protection: Each luminaire is provided as standard with surge protection. 15-60W: 2.5kV; 100-150W: 4kV; 205-300W: 6kV.

Beam Angle: 15-150W and 300W - 110°; 205W - 100°; Tolerance: +/-15%.

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 -40°C (-40°F) up to +50°C (+122°F)

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 signify.com/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. L_{70} is the predicted time when LED performance depreciates to 70% of initial lumen output.
2. Calculated per IESNA TM 21-11. Published L_{70} hours limited to 6 times actual LED test hours.

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