

FL MINI FLOOD

The FL series is a family of highly efficient and affordable compact flood lights available in four different lumen packages. Each fixture has a modern thin design with an aluminum housing and comes standard with a black powder coat finish. Typical applications include both commercial and residential environment: backyards, walkways as well as flood lighting of signs and building fronts.

FEATURES AND SPECIFICATIONS

• Construction

Housing

Aluminum housing comes standard in a black powder coat finish.

Mounting options

The fixture comes with either a knuckle mount or a yoke mount.

Lens

Tempered glass lens is standard in this product series.

• Compliance

- IP65
- Wet location
- Meets requirements of ICES-005 issue 5 for class B products
- cETLus

• Electrical

- The drivers allow input from 120 V and is reliable in the coldest of temperatures
- The FL flood is suitable for ambient temperature range of -40°C to +50°C. Available in 3 000 K and 4 000 K color temperatures with a lumen per watt ratio of 94 lm/W to 117 lm/W depending on the lumen package.

OVERVIEW

Light source	LED
Watts (W)	10 - 53
Lumen output (lm)	1 063 - 5 674
Efficiency (lm/W)	94 - 117
Color temperature (K)	3 000, 4 000
CRI	70, 80



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

Order code	Model number	DLC unique ID	Watts (W)	Volts (VAC)	Color temp. (K) ²	Lumen output (lm) ³	Efficiency (lm/W)	CRI	Beam angle (°)	Finish	LED current (mA)	Power factor	THD (%)	Traditional equivalent (W)		Case qty (master)
67300	FL/10W/30K/KN/BK/CHOICE/STD	-	10	120	3 000	1 063	105	80	120	Black	88	0.96	19	70	70	30
67223	FL/10W/40K/KN/BK/CHOICE/STD	PLNUZ7PH4W8S	10	120	4 000	1 069	105	80	120	Black	88	0.96	19	50	35	60
67224	FL/10W/40K/YK/BK/CHOICE/STD	PLNUZ7PH4W8S	10	120	4 000	1 069	105	80	120	Black	88	0.96	19	50	35	60
67301	FL/20W/30K/KN/BK/CHOICE/STD	-	19	120	3 000	1 803	96	80	120	Black	158	0.99	16	100	70	20
68383	FL/S2/20W/40K/KN/BK/CHOICE/STD	PNK8MDSZ	20	120	4 000	2 313	117	70	120	Black	66	0.98	22	100	70	40
67226	FL/20W/40K/YK/BK/CHOICE/STD	-	19	120	4 000	1 870	99	80	120	Black	158	0.99	16	70	70	40
68384	FL/S2/20W/40K/YK/BK/CHOICE/STD	PNK8MDSZ	20	120	4 000	2 313	117	70	120	Black	66	0.98	22	100	70	40
67302	FL/30W/30K/KN/BK/CHOICE/STD	-	33	120	3 000	3 087	94	80	120	Black	283	0.98	22	100	100	10
68213	FL/S2/30W/40K/KN/BK/CHOICE/STD	PP090XPX	29	120	4 000	3 207	110	70	120	Black	115	0.97	23	100	100	20
68214	FL/S2/30W/40K/YK/BK/CHOICE/STD	PP090XPX	29	120	4 000	3 207	110	70	120	Black	115	0.97	23	100	100	20
68211	FL/S2/50W/40K/KN/BK/CHOICE/STD	PLHJJCAGSRIH	51	120	4 000	5 674	112	70	120	Black	92	0.98	21	175	150	20
67230	FL/50W/40K/YK/BK/CHOICE/STD	-	53	120	4 000	5 397	102	80	120	Black	452	0.97	23	150	150	10
68212	FL/S2/50W/40K/YK/BK/CHOICE/STD	PLHJJCAGSRIH	51	120	4 000	5 674	112	70	120	Black	92	0.98	21	175	150	20

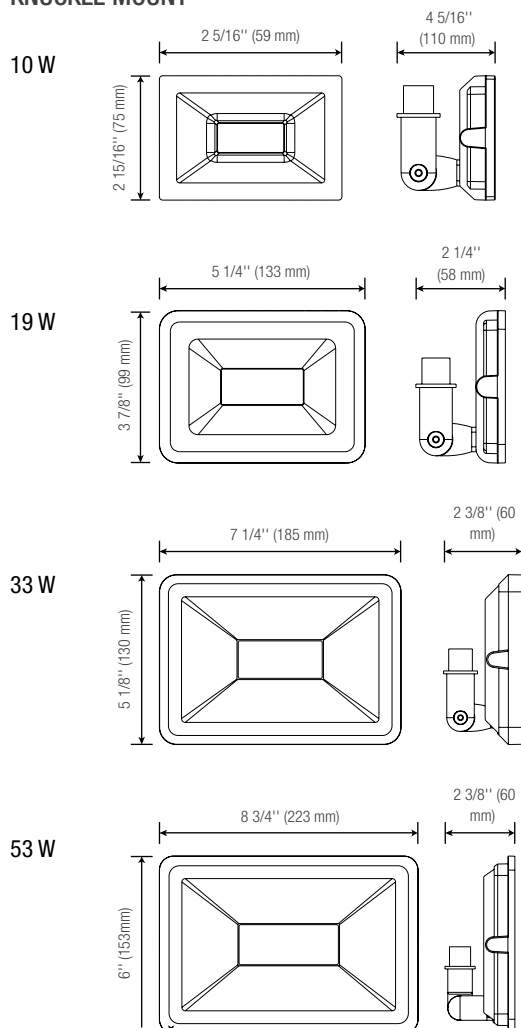
¹ **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

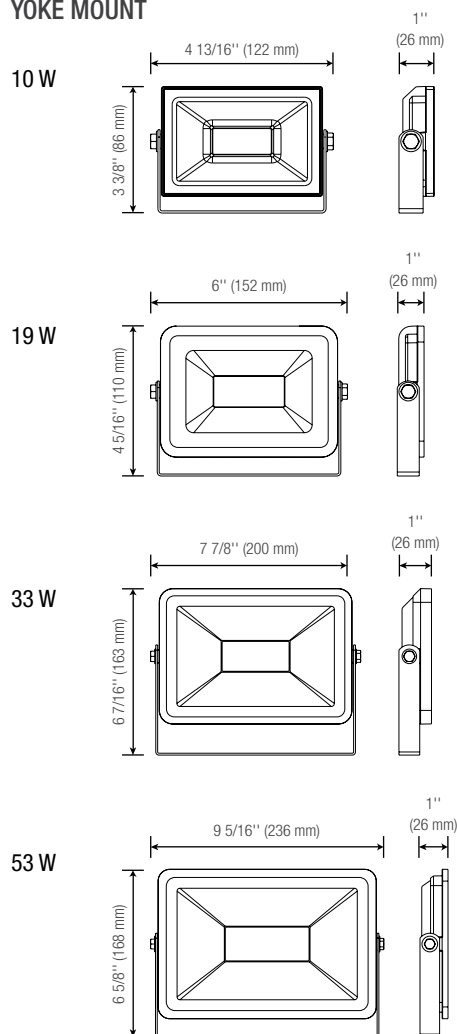
³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

DIMENSIONS

KNUCKLE MOUNT



YOKE MOUNT

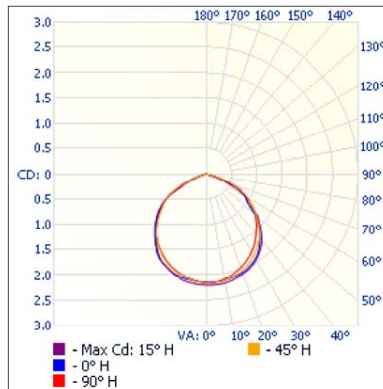


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

PHOTOMETRIC DATA¹

67223 & 67224 • FL/10W/40K/XX/BK/CHOICE/STD • 1 069 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1.7	31%
0-40	2.8	50.8%
0-60	4.8	88.3%
60-90	0.6	11.7%
70-100	0.1	1.5%
90-120	0	0%
0-90	5.4	100%
90-180	0	0%
0-180	5.4	100%

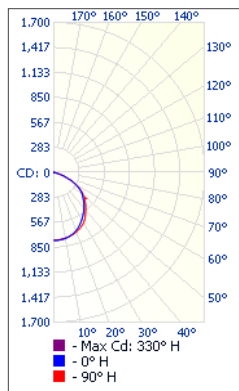
Illuminance at a distance

Center beam fc		Beam width	
1.7'	0.74	4.6'	4.8'
3.3'	0.20	8.8'	9.3'
5.0'	0.09	13.4'	14.1'
6.7'	0.05	17.9'	18.9'
8.3'	0.03	22.2'	23.4'
10.0'	0.02	26.8'	28.2'

■ Vert. spread: 106.5°
■ Horiz. spread: 109.3°

68383 & 68384 • FL/S2/20W/40K/XX/BK/CHOICE/STD • 2 060.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	608.6	29.6%
0-40	994.5	48.8%
0-60	1 744.0	85.1%
60-90	316.7	14.9%
0-90	2 060.6	100%

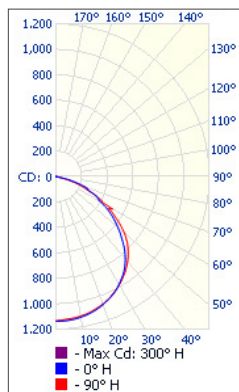
Illuminance at a distance

Center beam fc		Beam width	
17.0'	2.69	1.1'	1.4'
34.0'	0.67	2.2'	2.8'
51.0'	0.30	3.2'	4.2'
68.0'	0.17	4.3'	5.6'
85.0'	0.11	5.4'	7.1'
102.0'	0.07	6.5'	8.5'

■ Vert. spread: 3.6°
■ Horiz. spread: 4.8°

68213 & 68214 • FL/S2/30W/40K/XX/BK/CHOICE/STD • 3 040.1 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	899.4	29.6%
0-40	1 484.0	48.8%
0-60	2 588.6	85.1%
60-90	451.5	14.9%
0-90	3 040.1	100%

Illuminance at a distance

Center beam fc		Beam width	
17.0'	3.95	42.0'	52.1'
34.0'	0.99	84.0'	104.2'
51.0'	0.44	126.0'	156.3'
68.0'	0.25	168.1'	208.4'
85.0'	0.16	210.1'	260.5'
102.0'	0.11	252.1'	312.6'

■ Vert. spread: 102.0°
■ Horiz. spread: 113.7°

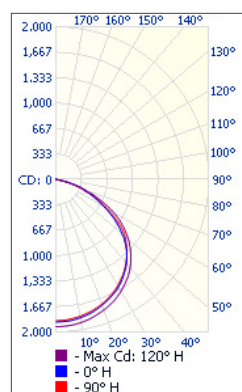
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹

68211 & 68212 • FL/S2/50W/40K/XX/BK/CHOICE/STD • 5 250.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 486.5	28.3%
0-40	2 465.0	46.9%
0-60	4 401.7	83.8%
60-90	849.1	16.2%
0-90	5 250.8	100%

Illuminance at a distance

Center beam fc		Beam width	
17.0'	6.49	48.1'	52.3'
34.0'	1.62	96.2'	104.6'
51.0'	0.72	144.3'	156.9'
68.0'	0.41	192.4'	209.3'
85.0'	0.26	240.5'	261.6'
102.0'	0.18	288.5'	313.9'

Vert. spread: 109.5°

Horiz. spread: 114.0°

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