

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.

• 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 105 lm/W depending on the lumen package.

• Compliance

- IP65
- Wet location
- Meets requirements of ICES-005 issue 4 for class B products
- cETLus



OVERVIEW

Light source	LED
Watts (W)	10 - 53
Lumen output (lm)	1 063 - 5 397
Efficiency (lm/W)	94 - 105
Color temperature (K)	3 000, 4 000
CRI	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	Finish	LED current (mA)	Power factor	THD (%)	Traditional equivalent (W)		Case qty (master)
67300	FL/10W/30K/KN/BK/CHOICE/STD	PX2MWFJF	10	120	3 000	1 063	105	80	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	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	Black	88	0.96	19	50	35	60
67301	FL/20W/30K/KN/BK/CHOICE/STD	PLKVONFYFQ24	19	120	3 000	1 803	96	80	Black	158	0.99	16	100	70	20
67225	FL/20W/40K/KN/BK/CHOICE/STD	PLEYWBHHGLKQ	19	120	4 000	1 870	99	80	Black	158	0.99	16	70	70	40
67226	FL/20W/40K/YK/BK/CHOICE/STD	PLEYWBHHGLKQ	19	120	4 000	1 870	99	80	Black	158	0.99	16	70	70	40
67302	FL/30W/30K/KN/BK/CHOICE/STD	PLC38ZGRSDJ1	33	120	3 000	3 087	94	80	Black	283	0.98	22	175	150	10
67227	FL/30W/40K/KN/BK/CHOICE/STD	PL480QMZ650G	33	120	4 000	3 191	97	80	Black	283	0.98	22	100	70	20
67228	FL/30W/40K/YK/BK/CHOICE/STD	PL480QMZ650G	33	120	4 000	3 191	97	80	Black	283	0.98	22	100	70	20
67229	FL/50W/40K/KN/BK/CHOICE/STD	PLZ9XLUT5YM2	53	120	4 000	5 397	102	80	Black	452	0.97	23	175	150	20
67230	FL/50W/40K/YK/BK/CHOICE/STD	PLZ9XLUT5YM2	53	120	4 000	5 397	102	80	Black	452	0.97	23	50	35	60

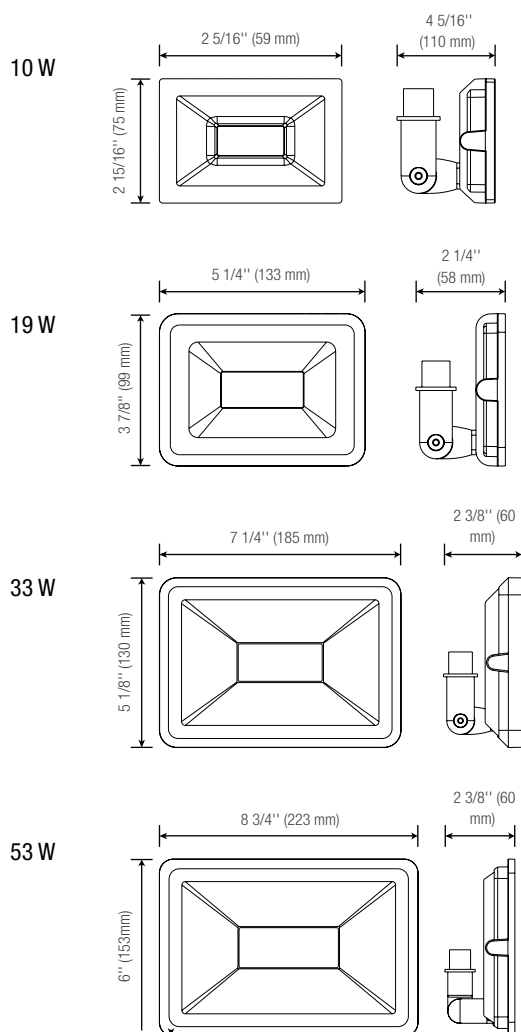
¹ **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

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

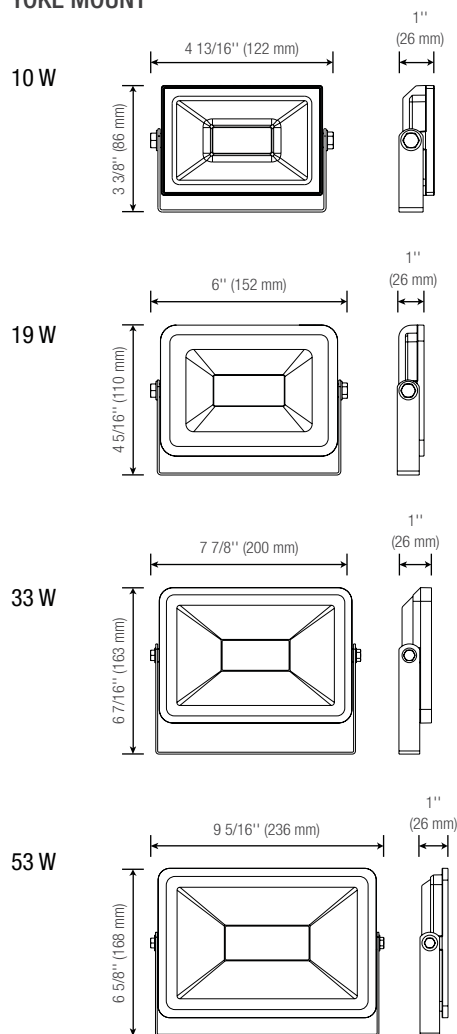
³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

DIMENSIONS

KNUCKLE MOUNT



YOKE MOUNT

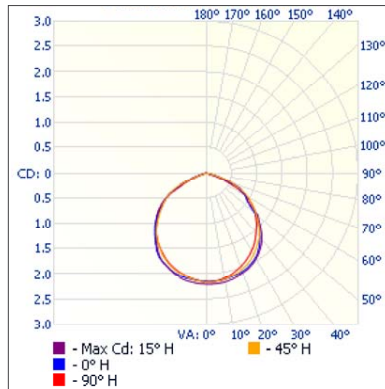


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

PHOTOMETRIC DATA¹

67223 • FL/10W/40K/KN/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%

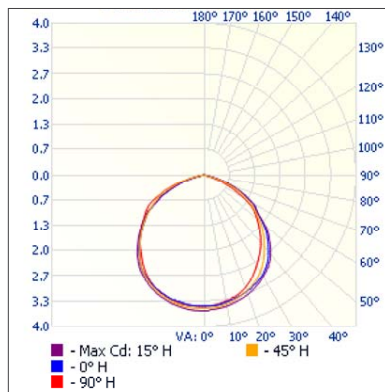
Illuminance at a distance

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

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

67225 • FL/20W/40K/KN/BK/CHOICE/STD • 1 870 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2.7	29.9%
0-40	4.5	48.9%
0-60	7.8	85.2%
60-90	1.4	14.8%
70-100	0.3	3.4%
90-120	0	0%
0-90	9.2	100%
90-180	0	0%
0-180	9.2	100%

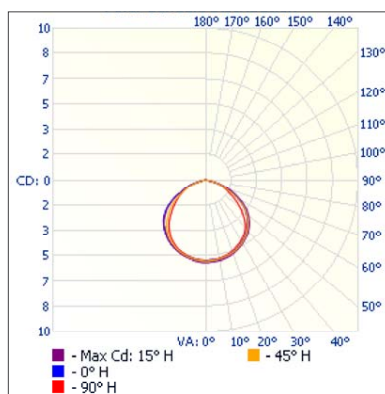
Illuminance at a distance

Center beam fc		Beam width	
1.7'	1.20 fc	4.8'	4.8'
3.3'	0.32 fc	9.4'	9.3'
5.0'	0.14 fc	14.2'	14.0'
6.7'	0.08 fc	19.0'	18.8'
8.3'	0.05 fc	23.6'	23.3'
10.0'	0.03 fc	28.4'	28.0'

■ Vert. spread: 109.7°
■ Horiz. spread: 109.0°

67227 • FL/30W/40K/KN/BK/CHOICE/STD • 3 191 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	4.2	29.4%
0-40	7.0	48.5%
0-60	12.2	85%
60-90	2.1	15%
70-100	0.6	4.1%
90-120	0	0%
0-90	14.3	100%
90-180	0	0%
0-180	14.3	100%

Illuminance at a distance

Center beam fc		Beam width	
1.7'	1.84 fc	5.3'	4.2'
3.3'	0.49 fc	10.2'	8.2'
5.0'	0.21 fc	15.5'	12.5'
6.7'	0.12 fc	20.7'	16.7'
8.3'	0.08 fc	25.7'	20.7'
10.0'	0.05 fc	31.0'	25.0'

■ Vert. spread: 114.3°
■ Horiz. spread: 102.6°

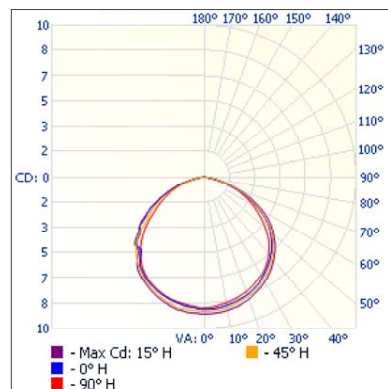
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹

67229 • FL/50W/40K/KN/BK/CHOICE/STD • 5 397 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	6.9	28.4%
0-40	11.4	47%
0-60	20.3	83.6%
60-90	4.0	16.4%
70-100	1.2	4.9%
90-120	0	0%
0-90	24.3	100%
90-180	0	0%
0-180	24.3	100%

Illuminance at a distance

Center beam fc		Beam width	
1.7'	3.01 fc	5.3'	4.6'
3.3'	0.80 fc	10.3'	8.9'
5.0'	0.35 fc	15.6'	13.5'
6.7'	0.19 fc	21.0'	18.1'
8.3'	0.13 fc	26.0'	22.4'
10.0'	0.09 fc	31.3'	27.0'

■ Vert. spread: 114.8°
■ Horiz. spread: 107.0°

¹ Complete IES files available on our website.