

Individual Spec Sheet

FLM GEN. 2 CHOICE

LED FLOOD LIGHT

3 CCT and 3 Power Selectable
Integrated Photocell

ORDERING INFORMATION

Order code: 69927
Model number: FLM-PS100B-Q-3C-BK/CHOICE
UPC: 069549031463
Case quantity: 5
DLC unique ID: S-LDP59Y

PHYSICAL DATA

Lens material: Tempered glass
Finish: Black
Housing material: Die cast aluminum
Mounting: Slipfitter installed and yoke included

PERFORMANCE DATA

Watts (W): 60/80/100
Volts (V AC): 120-347
Color temperature (K)¹: 3 000/4 000/5 000
Lumen output (lm)²: 15 806
Efficacy (lm/W): 158
CRI: 80+
Life L70 (h)³: 50 000
Tested LM-80 (h)³: 9 000
Photocell included: Yes
Dimming: Yes
Power factor: 0.90
THD (%): 20
Surge protection (kV): 6
Operating temp. range: -40 °C to 50 °C (-40 °F to 122 °F)

¹ Typical color temperature range: +/- 5 %
² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %
³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

LUMEN SPECIFICATION TABLE

Watts (W)	3 000 K			4 000 K			5 000 K		
	Lumen output (lm)	Efficacy (lm/W)	LED Current (mA)	Lumen output (lm)	Efficacy (lm/W)	LED Current (mA)	Lumen output (lm)	Efficacy (lm/W)	LED Current (mA)
60	9 738	162	35	10 188	170	35	10 185	170	35
80	12 515	156	46	13 435	168	46	13 214	165	46
100	14 774	148	58	15 806	158	58	15 162	152	58

DEFAULT PROGRAMMING

100 W / 4 000 K

COMPATIBLE DIMMERS¹

Brand	Model
Leviton	S710, DD710, AWSMT-7DW
Legrand	RH4FBL3PW, WS4FBL3P
Lutron	NFTV, NTSTV, DVTV

Dimming range: 0%-100%

¹ The above table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation. Some dimmers may require more than one product for stable operation. The maximum number of products is determined by the dimmer wattage rating with LEDs. Be careful, these dimmers have different ratings depending on the product type. Again, refer to the dimmer installation instructions.



INCLUDED IN THE BOX



Yoke mount



ICES 005



IK07

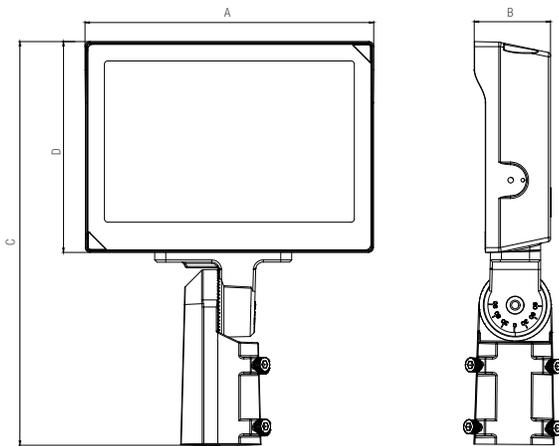


EPA

							
Mounting type	Fixture tilt	Power	Single	2 @ 180°	2 @ 90°	3 @ 90°	4 @ 90°
Slipfitter	45°	100 W	0.68 ft²	1.32 ft²	1.32 ft²	2.04 ft²	2.72 ft²
		150 W	0.94 ft²	1.88 ft²	1.88 ft²	2.82 ft²	3.76 ft²
	60°	100 W	0.54 ft²	1.08 ft²	1.08 ft²	1.62 ft²	2.16 ft²
		150 W	0.70 ft²	1.40 ft²	1.40 ft²	2.10 ft²	2.80 ft²

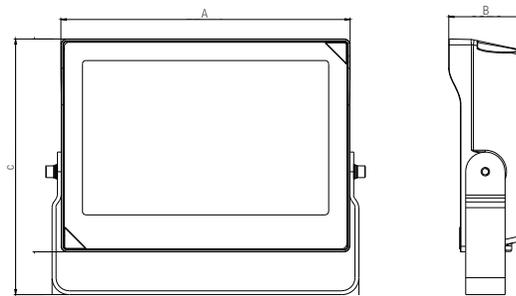
DIMENSIONS AND WEIGHTS

Slipfitter



	100 W
A in. (cm)	10.3 (26.7)
B in. (cm)	2.8 (7.1)
C in. (cm)	14.6 (37.1)
D in. (cm)	7.72 (19.6)

Yoke Mount



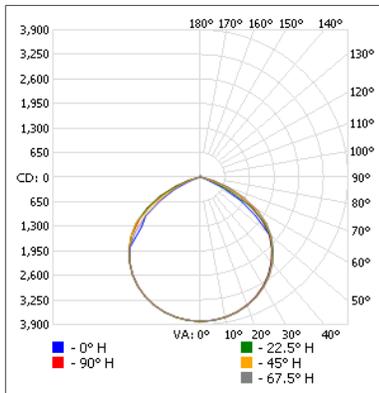
	100 W
A in. (cm)	10.35 (26.75)
B in. (cm)	2.8 (7.1)
C in. (cm)	7.5 (19.15)
Net weight (lbs)	8.8

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. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

PHOTOMETRIC DATA¹

69927 FLM-PS100B-Q-3C-BK-XX • 60 W • 4 000 K • 10 188 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Luminaire
0-30	3 009.1	29.6
0-40	4 976.4	48.9
0-60	8 788.0	86.3
60-90	1 311.6	12.9
70-100	310.4	3
90-120	21.0	0.2
0-90	10 099.7	99.2
90-180	83.0	0.8
0-180	10 182.6	100

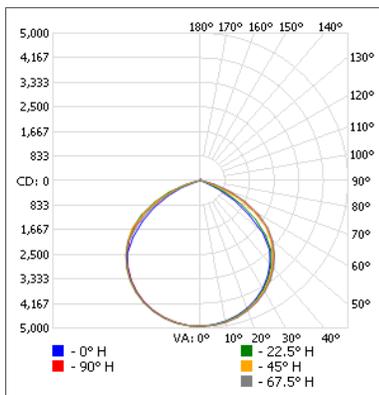
Illuminance at a distance

Center beam fc		Beam width	
17.0'	13.2	45.4'	50.5'
34.0'	3.30	90.8'	100.9'
51.0'	1.47	136.2'	151.4'
68.0'	0.82	181.6'	201.9'
85.0'	0.53	227.0'	252.3'
102.0'	0.37	272.4'	302.8'

Vert. spread: 106.3°
Horiz. spread: 112.1°

69927 FLM-PS100B-Q-3C-BK-XX • 80 W • 4 000 K • 13 435 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Luminaire
0-30	3 905.3	29.1
0-40	6 466.3	48.2
0-60	11 471.1	85.4
60-90	1 849.6	13.8
70-100	460.9	3.4
90-120	27.6	0.2
0-90	13 320.7	99.2
90-180	107.6	0.8
0-180	13 428.3	100

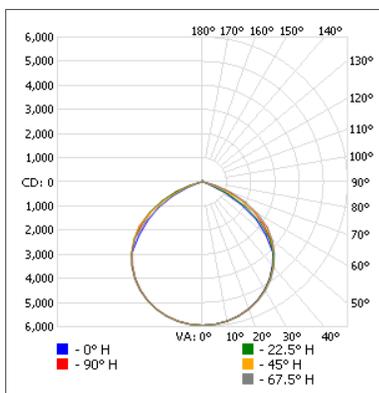
Illuminance at a distance

Center beam fc		Beam width	
17.0'	17.1	45.5'	53.0'
34.0'	4.27	90.9'	106.0'
51.0'	1.90	136.3'	159.0'
68.0'	1.07	181.7'	212.0'
85.0'	0.68	227.1'	265.0'
102.0'	0.47	272.6'	318.1'

Vert. spread: 106.4°
Horiz. spread: 114.6°

69927 FLM-PS100B-Q-3C-BK-XX • 100 W • 4 000 K • 15 806 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Luminaire
0-30	4 680.7	29.7
0-40	7 732.0	49.1
0-60	13 624.1	86.4
60-90	2 007.7	12.7
70-100	454.0	2.9
90-120	33.71	0.2
0-90	15 631.8	99.2
90-180	131.0	0.8
0-180	15 762.8	100

Illuminance at a distance

Center beam fc		Beam width	
17.0'	20.6	45.6'	50.2'
34.0'	5.14	91.2'	100.5'
51.0'	2.28	136.8'	150.7'
68.0'	1.28	182.4'	200.9'
85.0'	0.82	228.0'	251.1'
102.0'	0.57	273.6'	301.4'

Vert. spread: 106.6°
Horiz. spread: 111.8°

¹ Complete IES files available on our website.

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