STANPRO

Project: _____ Type: _____

Drawn by: _____ Catalogue #: _____ Date: _____

Series Spec Sheet

FLB

LED FLOOD LIGHT GEN 4

Quick and Easy Mounting accessories (Sold separately)
Selectable color temperature (3 000/4 000/5 000 K)[1]
Power Selectable[1]

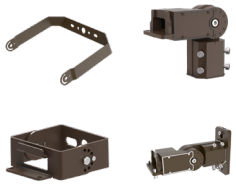
This versatile family of highly efficient and powerful LED flood lights features a wide range of lumen packages, external selectable power switches on certain configurations and multiple color temperature options as well as various mounting options. Finished in bronze, with its modern design, each luminaire is compatible with various universal mountings which allow for wall, ground and pole mount. Typical applications include general lighting of grounds, storage yards, car dealerships, parking areas as well as flood lighting of signs and building facades.



FLOOD LUMINAIRES
Single Power and Single CCT



FLOOD LUMINAIRES
Power and CCT Selectable



FLOOD/AREA LIGHT MOUNTING ACCESSORIES
(sold separately[2])

FEATURES AND SPECIFICATIONS

- **Construction**

  Physical Characteristics
  - This luminaire is made of aluminum die-cast housing
  - Standard powder coat finish color is textured bronze
  - Aluminum heat sink for a better heat dissipation
  - 3.5' cable standard in all configurations

  Mounting

  Universal mounting system allowing the following mountings to be easily installed:
  - Yoke
  - Trunnion
  - Slipfitter
  - Slipfitter with wall mount adapter

  Lens
  - Outfitted with a clear polycarbonate lens that is UV resistant
  - Offered in a NEMA 7Hx6V or 7Hx7V depending of the power of the configuration

- **Performance data**
  - Drivers 120-277 V and 347-480 V
  - 0-10 V dimming standard
  - 10 kV surge protection standard
  - Color temperatures: 3 000/4 000/5 000 K, 4 000 K and 5 000 K
  - Estimated lifespan of 60 000 hours to L70
  - Ambient temperature: -40 to 40 °C

- **Compliances**
  - IP65
  - Wet location
  - IK08
  - Meets requirements of ICES-005 issue 5 for class B products
  - cULus

OVERVIEW

Light source	LED
Watts (W)	100, 150, 230, 300, 400 50/80/100/150
Lumen output (lm)	6 800 - 58 148
Efficacy (lm/W)	125 - 149
Color temperature (K)	3 000/4 000/5 000 4 000, 5 000
CRI	70

[1] Selectable color temperature and power selectable are available on some configurations. Consult the Quick ship and technical specification table for more details.
[2] See below for ordering codes.

3 CCT TCC
3 000/4 000/5 000 K [1]

W
power *selectable* [1]

5 yrs
warranty

quick *ship*

LED *fixture*

dimmable *fixture*

wet *location*

IP 65

IK08

ICES *005*

DLC LISTED PREMIUM

UL CERTIFIED

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.

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QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

SINGLE POWER AND SINGLE CCT

Order code	Model number	DLC unique ID	Watts (W)	Volts (V AC)	Lumen output (lm)[3]	Efficacy (lm/W)	CRI	Life L70 (hrs)[4]	Distrib. type	BUG	EPA (ft²)	LED current (mA)	Finish	Dimming (Yes/No)	Power factor	THD (%)	Traditional equivalent (W) MH	Traditional equivalent (W) HPS	Master case qty
4 000 K[1]																			
68548	FLBS-L1AM-I-4K-BR	PQCB8TK6	102	347-480	13 753	135	70	>60 000	7Hx6V	B3-U0-G2	0.53	0.5	Bronze	Yes	0.907	12.82	250-400	250-400	1
68556	FLBX-L5AM-I-4K-BR	PDZC6KLG	400	347-480	57 654	144	70	>60 000	7Hx7V	B5-U0-G4	0.71	2.09	Bronze	Yes	0.955	7.56	1 000	1 000	1
5 000 K[1]																			
68557	FLBS-L1AM-W-5K-BR	PCL27879	100	120-277	13 255	133	70	>60 000	7Hx6V	B3-U0-G2	0.53	0.87-0.38	Bronze	Yes	0.997	5.34	250-400	250-400	1
68558	FLBS-L1AM-I-5K-BR	PXI8KGO8	102	347-480	13 889	136	70	>60 000	7Hx6V	B3-U0-G2	0.53	0.5	Bronze	Yes	0.907	12.82	250-400	250-400	1
68559	FLBS-L2AM-W-5K-BR	P7UW1HGQ	151	120-277	21 518	142	70	>60 000	7Hx6V	B4-U0-G3	0.53	1.412-0.601	Bronze	Yes	0.995	5.14	400-1 000	400-1 000	1
68560	FLBS-L2AM-I-5K-BR	PRNTEMC2	151	347-480	20 846	138	70	>60 000	7Hx6V	B4-U0-G3	0.53	0.8	Bronze	Yes	0.934	10.49	400-1 000	400-1 000	1
68562	FLBM-L3AM-I-5K-BR	PHYCSFEG	230	347-480	32 239	140	70	>60 000	7Hx7V	B5-U0-G3	0.58	1.8	Bronze	Yes	0.922	12.53	400-1 000	400-1 000	1
68564	FLBL-L4AM-I-5K-BR	PUARX5NS	283	347-480	40 945	145	70	>60 000	7Hx6V	B5-U0-G3	0.63	1.5	Bronze	Yes	0.905	16.26	400-1 000	1 000	1
68566	FLBX-L5AM-I-5K-BR	PS3NPT7H	400	347-480	58 148	145	70	>60 000	7Hx7V	B5-U0-G4	0.71	2.09	Bronze	Yes	0.955	7.56	1 000	1 000	1

POWER AND CCT SELECTABLE

Order code	Model number	DLC unique ID	Watts (W)	Volts (V AC)	Lumen output (lm)[3]	Efficacy (lm/W)	CRI	Life L70 (hrs)[4]	Distrib. type	BUG	EPA (ft²)	LED current (mA)	Finish	Dimming (Yes/No)	Power factor	THD (%)	Traditional equivalent (W) MH	Traditional equivalent (W) HPS	Master case qty
3 000/4 000/5 000 K[1]																			
68567	FLBM-PS150M-W-3C-BR	PL2ONY2KV349	50/ 80/ 100/ 150	120-277	6 950/ 11 200/ 13 500/ 18 900 [4]	125	70	>54 000	7Hx7V	B4-U0-G1	0.53	1.411-0.595	Bronze	Yes	0.995	5.73	175-400	150-400	1

[1] Typical color temperature range: +/- 5 %.
[2] Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.
[3] Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.
[4] Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

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.

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ACCESSORIES (order separately)

Order code	Description	Weight (lbs)
68569	Bronze Yoke for FLBS-FLBM	1.65
68571	Bronze Slipfitter	2.65
68573	Bronze Trunnion	2.43
68717	Bronze Slipftter and Wall mount adapter	4.41

TECHNICAL SPECIFICATION TABLE

Order code	Model number	Watts (W)	Volts (V)	3 000 K		4 000 K		5 000 K		CRI	Distribution type
				Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)		
Power and CCT Selectable											
68567	FLBM-PS150M-W-3C-BR	50	120-277	6 800	136	6 950	139	7 510	150	70	7Hx7V
		80	120-277	11 000	138	11 200	140	11 500	144	70	7Hx7V
		100	120-277	13 200	132	13 500	135	14 000	140	70	7Hx7V
		150	120-277	18 700	125	18 900	126	19 200	128	70	7Hx7V

POWER AND CCT SELECTABLE SWITCHES

68567





CCT SELECTABLE
3 000/4 000/5 000 K

POWER SELECTABLE
50/80/100/150 W

EPA

Watts (W)					
100-150	0.53	0.84	1.08	1.23	1.51
150	1.36	2.15	2.51	3.15	3.57
230	1.58	2.49	2.88	3.65	4.1
300	1.86	2.92	3.37	4.25	4.81
400	2.27	3.47	4.07	5.14	5.81

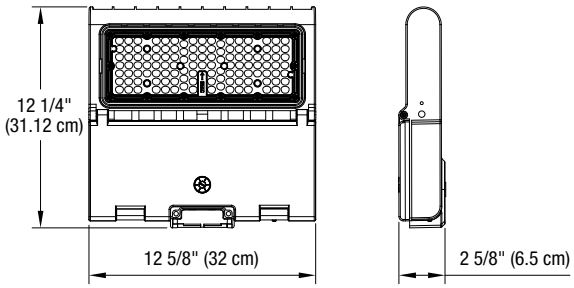
Based on 60° tilt with Slipfitter.

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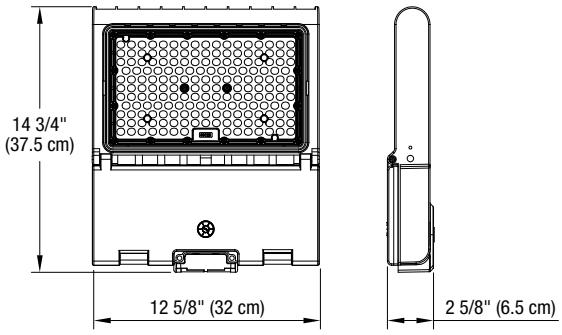
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DIMENSIONS AND WEIGHTS

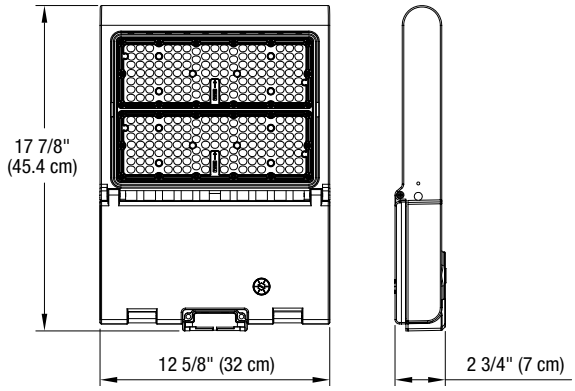
100, 150 W



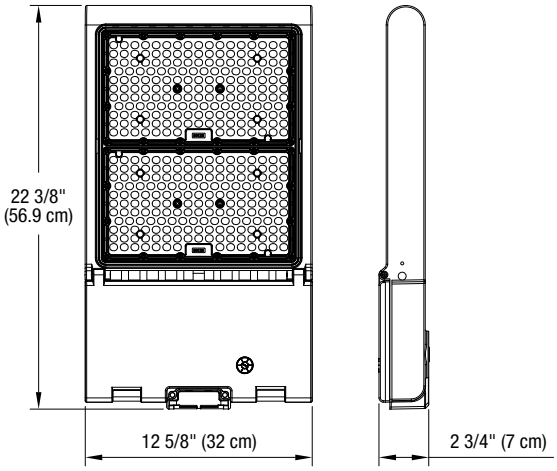
230 W & 68567



300 W



400 W



	100 W	150 W	230 W	300 W	400 W
Weight (lbs)	8.82	9.26	11.24	15.21	18.30

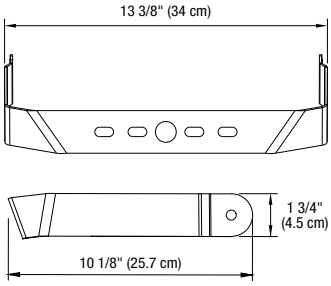
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DIMENSIONS

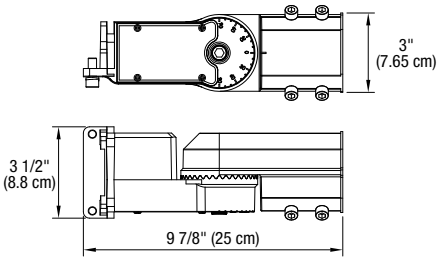
68569





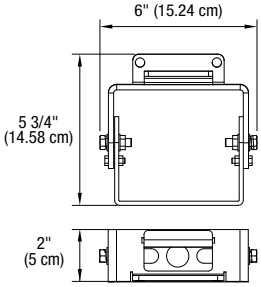
68571



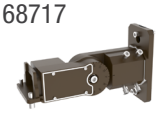


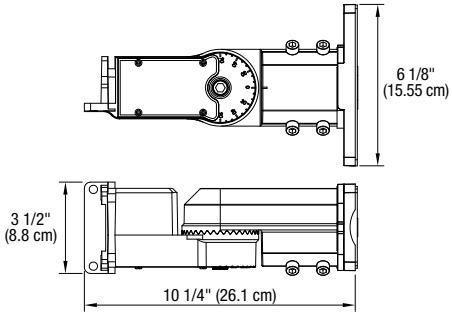
68573





68717





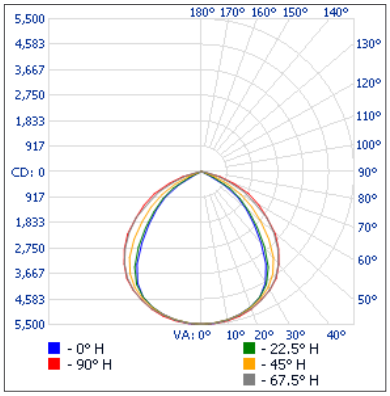
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PHOTOMETRIC DATA[1]

68547 • FLBS-L1AM-W-40K-BR • 13 106.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	4 340.8	33.1
0-40	7 088.6	54.1
0-60	11 683.8	89.1
60-90	1 422.9	10.9
70-100	350.6	2.7
90-120	0	0
0-90	13 106.6	100
90-180	0	0
0-180	13 106.6	100

Illuminance at a distance

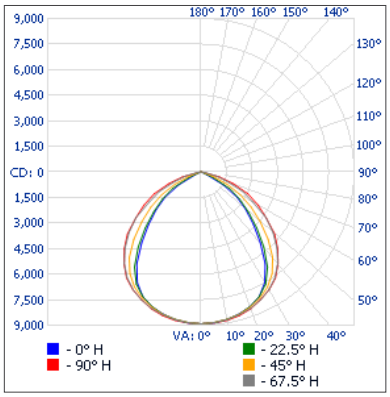
	Center beam fc	Beam width	
17'	19.0	33.5'	51.0'
34'	4.75	67.0'	102.0'
51'	2.11	100.4'	153.0'
68'	1.19	133.9'	204.0'
85'	0.76	167.4'	254.9'
102'	0.53	200.9'	305.9'



Vert. spread: 89.1°
Horiz. spread: 112.6°

68549 • FLBS-L2AM-W-40K-BR • 21 282.9 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	7 048.8	33.1
0-40	11 510.7	54.1
0-60	18 972.4	89.1
60-90	2 310.5	10.9
70-100	569.3	2.7
90-120	0	0
0-90	21 282.9	100
90-180	0	0
0-180	21 282.9	100

Illuminance at a distance

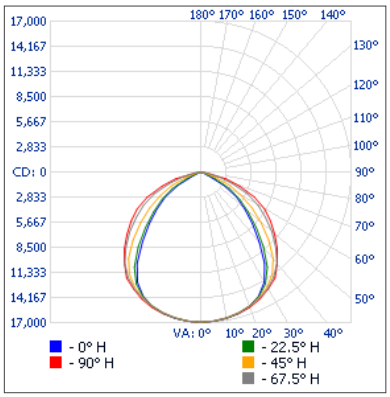
	Center beam fc	Beam width	
17'	30.8	33.5'	51.0'
34'	7.71	67.0'	102.0'
51'	3.43	100.4'	153.0'
68'	1.93	133.9'	204.0'
85'	1.23	167.4'	254.9'
102'	0.86	200.9'	305.9'



Vert. spread: 89.1°
Horiz. spread: 112.6°

68553 • FLBL-L4AM-W-40K-BR • 41 646.9 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	13 429.8	32.2
0-40	21 982.5	52.8
0-60	36 445.3	87.5
60-90	5 201.6	12.5
70-100	1 453.8	3.5
90-120	0	0
0-90	41 646.9	100
90-180	0	0
0-180	41 646.9	100

Illuminance at a distance

	Center beam fc	Beam width	
17'	58.6	33.4'	57.5'
34'	14.7	66.8'	114.9'
51'	6.51	100.2'	172.4'
68'	3.66	133.6'	229.9'
85'	2.34	167.0'	287.4'
102'	1.63	200.4'	344.8'



Vert. spread: 89.0°
Horiz. spread: 118.8°

[1] Complete IES files available on our website.

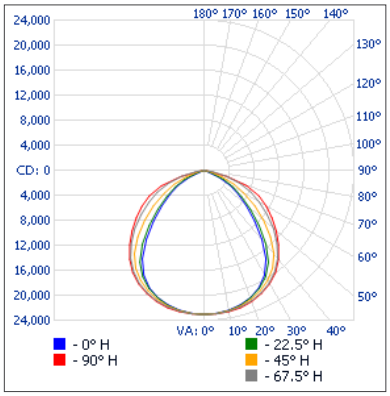
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PHOTOMETRIC DATA[1]

68555 • FLBX-L5AM-W-40K-BR • 57 917.4 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	18 307.5	31.6
0-40	30 011.4	51.8
0-60	50 035.4	86.4
60-90	7 882.0	13.6
70-100	2 227.9	3.8
90-120	0	0
0-90	57 917.4	100
90-180	0	0
0-180	57 917.4	100

Illuminance at a distance

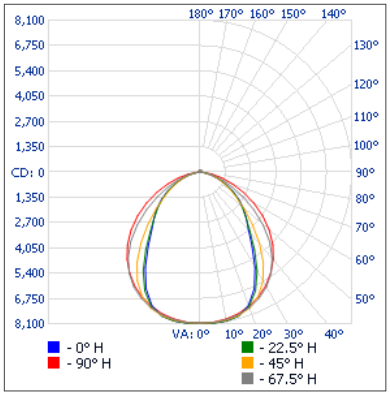
	Center beam fc	Beam width	
17'	79.8	33.8'	58.9'
34'	19.9	67.6'	117.8'
51'	8.86	101.4'	176.8'
68'	4.98	135.2'	235.7'
85'	3.19	169.0'	294.6'
102'	2.22	202.8'	353.5'



Vert. spread: 89.7°
Horiz. spread: 120.0°

68567 • FLBM-PS150M-W-3C-BR • 18 869.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	6 297.7	33.4
0-40	9 923.4	52.6
0-60	15 837.6	83.9
60-90	2 694.2	14.3
70-100	1 025.0	5.4
90-120	87.3	0.5
0-90	18 531.9	98.2
90-180	337.3	1.8
0-180	18 869.2	100

Illuminance at a distance

	Center beam fc	Beam width	
17'	27.9	28.4'	47.5'
34'	6.98	56.8'	95.1'
51'	3.10	85.2'	142.6'
68'	1.75	113.6'	190.1'
85'	1.12	142.1'	237.7'
102'	0.78	170.5'	285.2'



Vert. spread: 79.8°
Horiz. spread: 108.9°

[1] Complete IES files available on our website.

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