

Series Spec Sheet

AREA / FLOOD LIGHT GEN 2

This modern design can be used as a flood light or as an area light with these three different mounting options. This luminaire can be mounted either on a pole or a wall. Typical applications include general lighting of grounds, storageyards, car dealerships and parking areas. This luminaire is a great addition to any commercial or industrial area lighting application.

FEATURES AND SPECIFICATIONS

• Construction

Housing

- Commercial grade and robust die-cast construction ensures durability
- Powder coating finish ensures resistance to cold and UV damage

Mounting options

The fixture comes with either a straight arm a yoke or a slipfitter

Lens

Polycarbonate lens is standard in this product series

• Electrical

- The drivers allow input from 120-277 V or 347-480 V and is reliable in the coldest of temperatures
- This area/ flood is suitable for ambient temperature range of -40°C to +40°C. Available in 4 000 K color temperature with a lumen per watt ratio of 117 lm/W to 125 lm/W depending on the lumen package.

• Compliance

- IP65
- Wet location
- cULus



OVERVIEW

Light source	LED
Watts (W)	99 - 225
Lumen output (lm)	11 787 - 27 582
Efficiency (lm/W)	117 - 155
Color temperature (K)	4 000
CRI	70, 80+
Weight (lbs)	13 - 31



¹ Please note that not all configurations are dimmmable.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE  ¹

Order code	Model number	Mounting	Watts (W)	Volts (VAC)	Color temp. (K) ²	Lumen output (lm) ³	Efficiency (lm/W)	CRI	NEMA type	Distribution type	Finish	Dimming (Yes/No)	B.U.G.	LED current (mA)	Power factor	THD (%)	Traditional equivalent (W) MH	Traditional equivalent (W) HPS	Case qty (master)
65594	LFL/L/S2/100W/40K/III/SF/120-277/BRZ/STD	Slipfitter	99	120-277	4 000	11 787	119	80+	7 H x 6 V	III	Bronze	Yes	3-2-2	837	0.90	< 16	250	200	1
65602	LFL/L/S2/220W/40K/III/SF/347/BRZ/STD	Slipfitter	212	347-480	4 000	26 458	125	80+	7 H x 6 V	III	Bronze	Yes	4-3-3	619	0.90	< 12	400	400	1
66066	LFL/L/S2/150W/40K/III/MA/120-277/BRZ/STD	Straight arm	155	120-277	4 000	17 981	155	70	7 H x 6 V	III	Bronze	Yes	3-2-2	1 269	0.90	< 7	400	250	1
66072	LFL/L/S2/220W/40K/III/MA/120-277/BRZ/STD	Straight arm	225	120-277	4 000	26 160	117	80+	7 H x 6 V	III	Bronze	Yes	4-3-2	1 838	0.90	< 7	400	400	1
66068	LFL/L/S2/150W/40K/III/YK/347/BRZ/STD	Yoke	147	347-480	4 000	17 972	122	80+	7 H x 6 V	II	Bronze	Yes	3-2-2	534	0.90	< 9	400	250	1
66078	LFL/L/S2/220W/40K/III/YK/347/BRZ/STD	Yoke	221	347-480	4 000	27 582	125	80+	7 H x 6 V	II	Bronze	Yes	4-3-3	800	0.90	< 11	400	400	1

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 %.

ACCESSORIES (order separately)

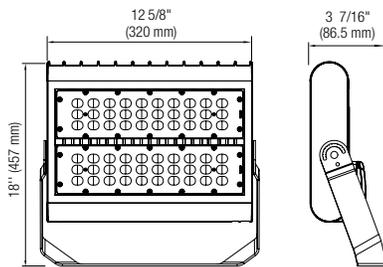
Order code	Type	Compatible with	Case qty (master)
66155	Slip fitter for square pole mount	65594, 65602	10
66702	Straight arm for round pole mount 4", 5" & 6"	66066, 66072	10
65721	Straight arm	65594, 65602	6
65722	Street Light arm	65594, 65602	6



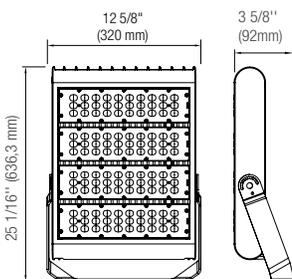
DIMENSIONS

YOKE MOUNT

150 W

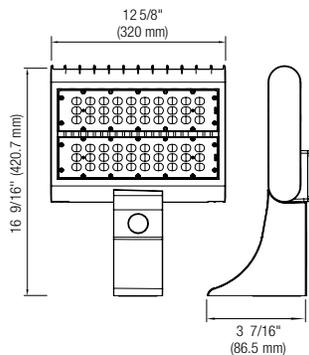


230 W

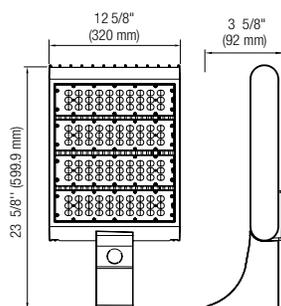


STRAIGHT ARM MOUNT

150 W

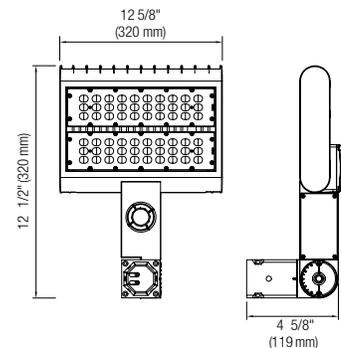


230 W

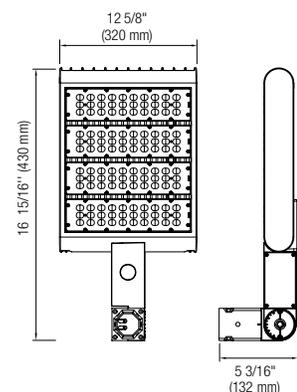


SLIPFITTER MOUNT

150 W



230 W

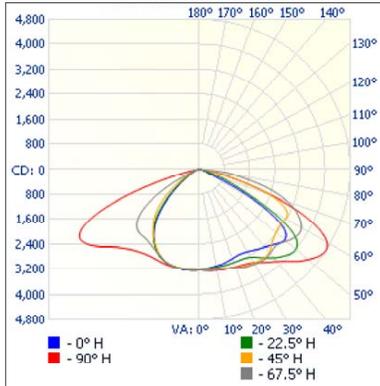


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

PHOTOMETRIC DATA¹

65594 • LFL/L/S2/100W/40K/III/SF/120-277/BRZ/STD • 11 784.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2 683.2	22.8%
0-40	4 623.2	39.2%
0-60	9 208.8	78.1%
60-90	2 551.2	21.6%
70-100	874.4	7.4%
90-120	7.2	0.1%
0-90	11 760.1	99.8%
90-180	24.7	0.2%
0-180	11 784.8	100%

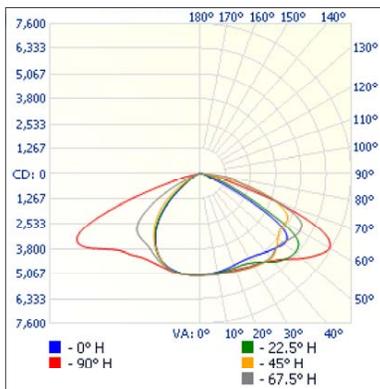
Illuminance at a distance

Center beam fc	Beam width
1.7'	2.9' 9.5'
3.3'	5.6' 18.5'
5.5'	8.5' 28.0'
6.7'	11.5' 37.5'
8.3'	14.2' 46.5'
10.0'	17.1' 56.0'

Vert. spread: 81.0°
Horiz. spread: 140.7°

65596 • LFL/L/S2/150W/40K/III/SF/120-277/BRZ/STD • 18 303 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Lamp	% Fixture
0-30	4 247.7	23.2%	23.2%
0-40	7 284.6	39.8%	39.8%
0-60	14 467.2	79%	79.1%
60-90	3 790.2	20.7%	20.7%
70-100	1 168.5	6.4%	6.4%
90-120	12.0	0.1%	0.1%
0-90	18 257.4	99.8%	99.8%
90-180	41.8	0.2%	0.2%
0-180	18 299.3	100%	100%

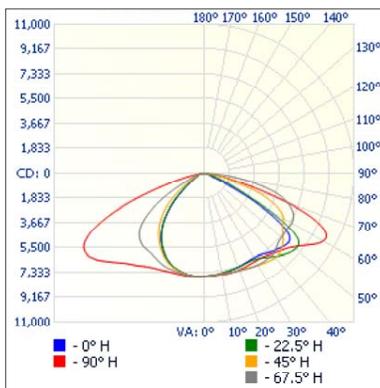
Illuminance at a distance

Center beam fc	Beam width
1.7'	2.6' 9.3'
3.3'	5.0' 18.1'
5.5'	7.6' 27.4'
6.7'	10.1' 36.7'
8.3'	12.6' 45.5'
10.0'	15.1' 54.8'

Vert. spread: 74.2°
Horiz. spread: 139.9°

65602 • LFL/L/S2/220W/40K/III/SF/347/BRZ/STD • 26 449.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	6 270.1	23.7%
0-40	10 714.2	40.5%
0-60	20 895.8	79%
60-90	5 488.8	20.8%
70-100	1 892.3	7.2%
90-120	19.4	0.1%
0-90	26 384.6	99.8%
90-180	65.1	0.2%
0-180	26 449.8	100%

Illuminance at a distance

Center beam fc	Beam width
1.7'	3.0' 9.6'
3.3'	5.8' 18.7'
5.5'	8.7' 28.3'
6.7'	11.7' 37.9'
8.3'	14.5' 47.0'
10.0'	17.5' 56.6'

Vert. spread: 82.3°
Horiz. spread: 141.1°

¹ Complete IES files available on our website.

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