

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



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.

¹ Please note that not all configurations are dimmable.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

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	HPS	Case qty (master)
65594	LFL/L/S2/100W/40K/II/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/II/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/II/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/II/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/II/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/II/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

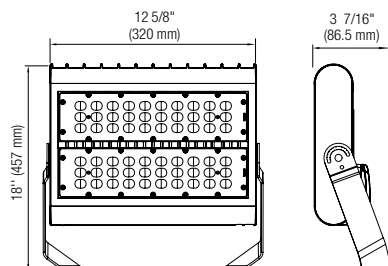
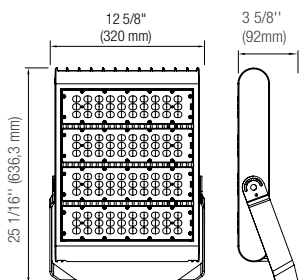
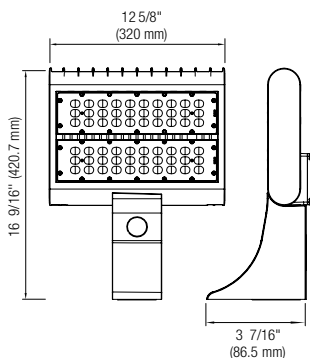
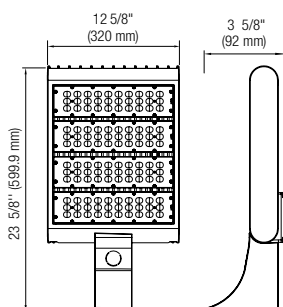
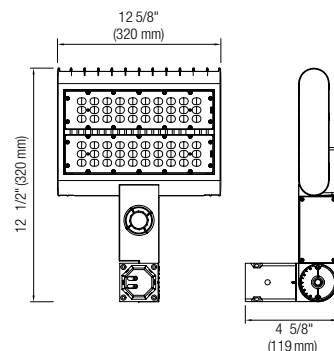
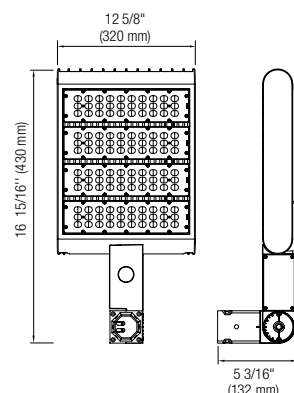
¹ **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

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

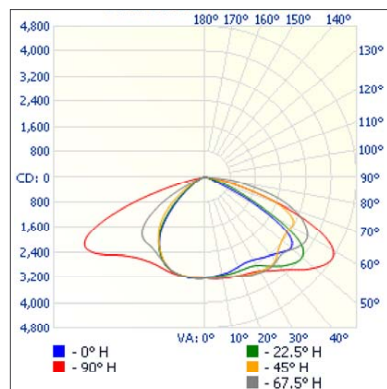
³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

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%

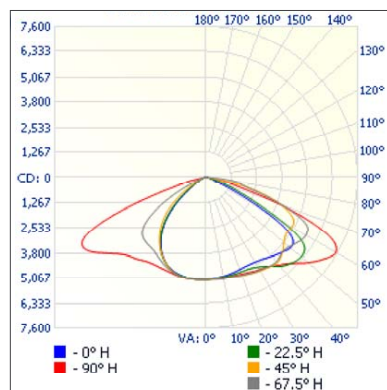
Illuminance at a distance

Center beam fc	Beam width
1.7'	1 116 fc
3.3'	296 fc
5.5'	129 fc
6.7'	71.9 fc
8.3'	46.8 fc
10.0'	32.3 fc

2.9'	9.5'
5.6'	18.5'
8.5'	28.0'
11.5'	37.5'
14.2'	46.5'
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%

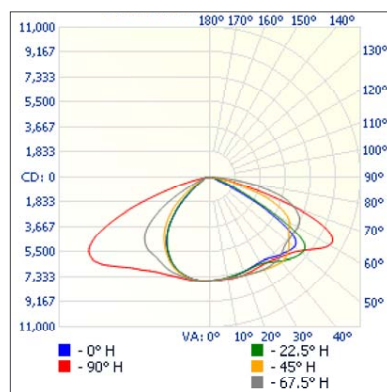
Illuminance at a distance

Center beam fc	Beam width
1.7'	1 773 fc
3.3'	471 fc
5.5'	205 fc
6.7'	114 fc
8.3'	74.4 fc
10.0'	51.2 fc

2.6'	9.3'
5.0'	18.1'
7.6'	27.4'
10.1'	36.7'
12.6'	45.5'
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'	2 639 fc
3.3'	700 fc
5.5'	305 fc
6.7'	170 fc
8.3'	111 fc
10.0'	76.3 fc

3.0'	9.6'
5.8'	18.7'
8.7'	28.3'
11.7'	37.9'
14.5'	47.0'
17.5'	56.6'

Vert. spread: 82.3°

Horiz. spread: 141.1°

¹ Complete IES files available on our website.

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