

LFL-S2 FLOOD LIGHT

The LFL-S2 luminaires are perfect for various applications such as wall washing, lighting pathways, landscape or signage lighting. They are offered in multiple wattages to fit both residential and commercial uses, and have a wide flood distribution for a large and uniform light pattern.

FEATURES AND SPECIFICATIONS

• Construction

Housing

Diecast aluminum housing comes standard in a black, bronze and white powder coat finish

Mounting

The fixture comes with either a knuckle mount or a yoke mount

Lens

Polycarbonate lens is standard in this product series

• Electrical

- The drivers allow input from 120-277 V and is reliable in the coldest of temperatures
- This flood is suitable for ambient temperature range of -40°C to +40°C
- Available in 3 000 K and 4 000 K color temperatures with a lumen per watt ratio of 104 lm/W to 117 lm/W depending on the lumen package

• Compliances

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

OVERVIEW

Light source	LED
Watts (W)	10 - 50
Lumen output (lm)	900 - 6 000
Efficiency (lm/W)	104 - 117
Color temperature (K)	3 000, 4 000
CRI	70, 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	Watts (W)	Volts (VAC)	Color temp. (K) ²	Lumen output (lm) ³	Efficiency (lm/W)	CRI	Life L70 (hrs) ⁴	NEMA type	Finish	LED current (mA)	Power factor	THD (%)	Traditional equivalent (W) MH HPS	Case qty (master)
YOKE															
65591	LFL/S2/30W/40K/YK/120-277/BRZ/STD	30	120-277	4 000	3 400	113	80	50 000	7H X 7V	Bronze	520	0.99	11.39	100 70	6
65593	LFL/S2/50W/40K/YK/120-277/BRZ/STD	50	120-277	4 000	6 000	117	80	50 000	7H X 7V	Bronze	380	0.99	16.04	175 150	6
KNUCKLE															
65583	LFL/S2/12W/30K/KN/120-277/BRZ/STD	10	120-277	3 000	900	106	70	50 000	7H X 6V	Bronze	150	0.99	11.34	50 35	8
65584	LFL/S2/12W/30K/KN/120-277/WH/STD	10	120-277	3 000	900	106	70	50 000	7H X 6V	White	150	0.99	11.34	50 35	8
65585	LFL/S2/12W/30K/KN/120-277/BLK/STD	12	120-277	3 000	1 300	106	80	50 000	7H X 6V	Black	150	0.99	11.34	50 35	12
65587	LFL/S2/12W/40K/KN/120-277/WH/STD	12	120-277	4 000	1 400	114	80	50 000	7H X 6V	White	150	0.99	11.34	50 35	12
65586	LFL/S2/12W/40K/KN/120-277/BRZ/STD	12	120-277	4 000	1 400	114	80	50 000	7H X 6V	Bronze	150	0.99	11.34	50 35	12
65588	LFL/S2/12W/40K/KN/120-277/BLK/STD	12	120-277	4 000	1 400	114	80	50 000	7H X 6V	Black	150	0.99	11.34	50 35	12
65590	LFL/S2/30W/30K/KN/120-277/BRZ/STD	30	120-277	3 000	3 200	104	80	50 000	7H X 7V	Bronze	380	0.99	11.39	100 35	6
65589	LFL/S2/30W/40K/KN/120-277/BRZ/STD	30	120-277	4 000	3 400	113	80	50 000	7H X 7V	Bronze	380	0.99	11.39	100 70	6
65592	LFL/S2/50W/40K/KN/120-277/BRZ/STD	50	120-277	4 000	6 000	117	80	50 000	7H X 7V	Bronze	520	0.99	16.04	175 150	6

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 %.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

ACCESSORIES (order separately)

Order code	Model number	Type	Finish	Compatible with
64150 ¹	KN/ACC/WPCOVER/BRZ/STD	Weather proof cover plate	Bronze	65583, 65586, 65589, 65590, 65592
64208 ¹	KN/ACC/WPCOVER/WH/STD	Weather proof cover plate	White	64217, 65587
64209 ¹	KN/ACC/WPCOVER/BLK/STD	Weather proof cover plate	Black	65585, 65588

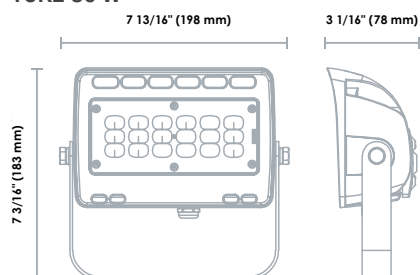
¹ 2 screws (10/24") and foam plate included with weather proof cover plate.



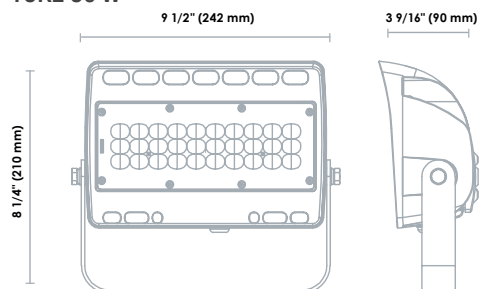
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
All products are subject to change or may be discontinued any time without notice.

DIMENSIONS

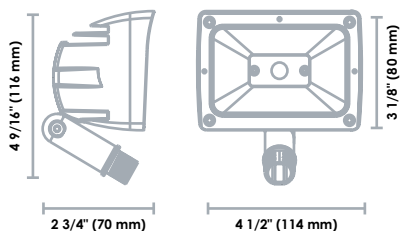
YOKE 30 W



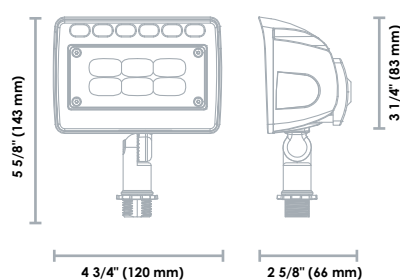
YOKE 50 W



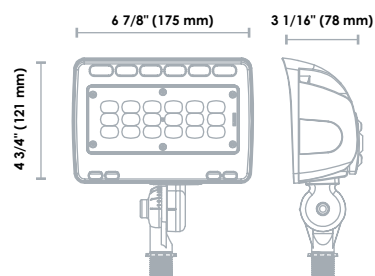
KNUCKLE 10 W



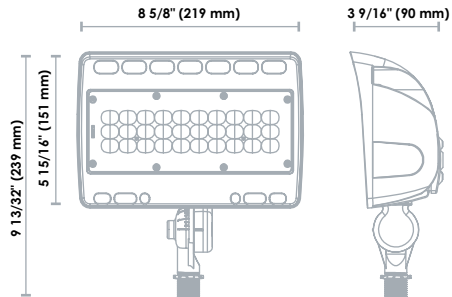
KNUCKLE 12 W



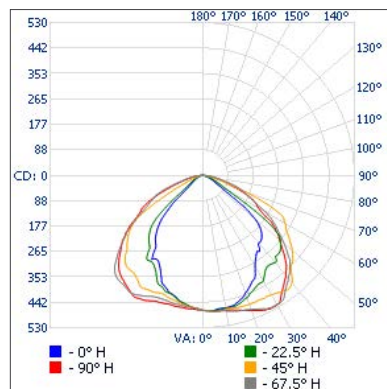
KNUCKLE 30 W



KNUCKLE 50 W



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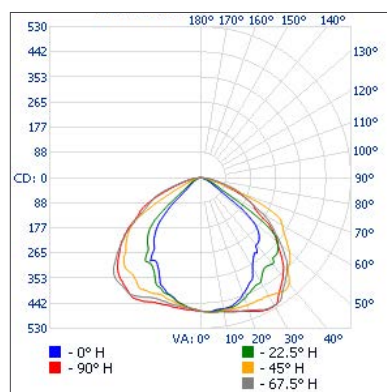
PHOTOMETRIC DATA¹
65583 • 1 302.3 lm
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	379.9	29.2%
0-40	642.5	49.3%
0-60	1 129.4	86.7%
60-90	172.8	13.3%
70-100	54.0	4.1%
90-120	0.1	0%
0-90	1 302.2	100%
90-180	0.1	0%
0-180	1 302.3	100%

Illuminance at a distance

Center beam fc	Beam width
8.3'	6.81 fc
16.7'	1.68 fc
25.0'	0.75 fc
33.3'	0.42 fc
41.7'	0.27 fc
50.0'	0.19 fc

Vert. spread: 95.0°
Horiz. spread: 115.9°

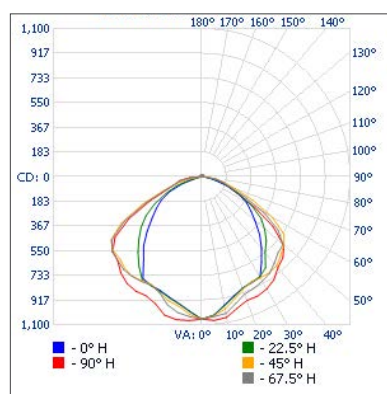
65585 • 1 302.3 lm
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	379.9	29.2%
0-40	642.5	49.3%
0-60	1 129.4	86.7%
60-90	172.8	13.3%
70-100	54.0	4.1%
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Illuminance at a distance

Center beam fc	Beam width
8.3'	6.81 fc
16.7'	1.68 fc
25.0'	0.75 fc
33.3'	0.42 fc
41.7'	0.27 fc
50.0'	0.19 fc

Vert. spread: 95.0°
Horiz. spread: 115.9°

65590 • 3 147.2 lm
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Lamp	% Fixture
0-30	787.7	25%	25%
0-40	1 330.1	42.2%	42.3%
0-60	2 509.8	79.7%	79.7%
60-90	582.9	18.5%	18.5%
70-100	214.8	6.8%	6.8%
90-120	16.9	0.5%	0.5%
0-90	3 092.7	98.2%	98.3%
90-180	54.5	1.7%	1.7%
0-180	3 147.2	99.9%	100%

Illuminance at a distance

Center beam fc	Beam width
1.7'	15.4 fc
3.3'	3.80 fc
5.0'	1.69 fc
6.7'	0.96 fc
8.3'	0.61 fc
10.0'	0.42 fc

Vert. spread: 101.6°
Horiz. spread: 119.8°

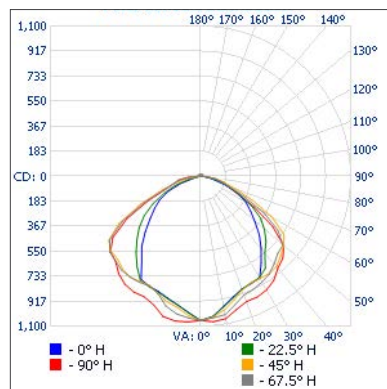
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹ (cont'd)

65591 • 3 147.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Lamp	% Fixture
0-30	787.7	25%	25%
0-40	1 330.1	42.2%	42.3%
0-60	2 509.8	79.7%	79.7%
60-90	582.9	18.5%	18.5%
70-100	214.8	6.8%	6.8%
90-120	16.9	0.5%	0.5%
0-90	3 092.7	98.2%	98.3%
90-180	54.5	1.7%	1.7%
0-180	3 147.2	99.9%	100%

Illuminance at a distance

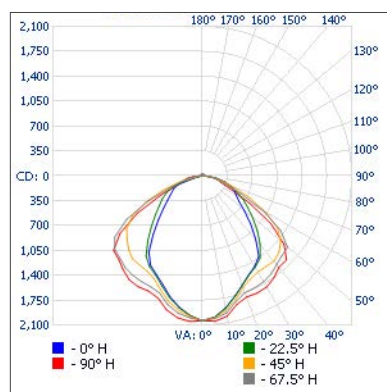
Center beam fc	Beam width
8.3'	15.4 fc
16.7'	3.80 fc
25.0'	1.69 fc
33.3'	0.96 fc
41.7'	0.61 fc
50.0'	0.42 fc

20.3'	28.6'
40.9'	57.6'
61.3'	86.3'
81.6'	114.9'
102.2'	143.9'
122.6'	172.6'

■ Vert. spread: 101.6°
■ Horiz. spread: 119.8°

65593 • 5 600.4 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Lamp	% Fixture
0-30	1 466.1	25%	25%
0-40	2 440.0	42.2%	42.3%
0-60	4 504.1	79.7%	79.7%
60-90	1 003.3	18.5%	18.5%
70-100	362.2	6.8%	6.8%
90-120	27.4	0.5%	0.5%
0-90	5 507.4	98.2%	98.3%
90-180	93.0	1.7%	1.7%
0-180	5 600.4	99.9%	100%

Illuminance at a distance

Center beam fc	Beam width
8.3'	29.6 fc
16.7'	7.32 fc
25.0'	3.27 fc
33.3'	1.84 fc
41.7'	1.17 fc
50.0'	0.82 fc

15.6'	27.2'
31.4'	54.6'
47.0'	81.8'
62.7'	109.0'
78.5'	136.4'
94.1'	163.6'

■ Vert. spread: 86.5°
■ Horiz. spread: 117.1°

¹ Complete IES files available on our website.