LISHUI E-ABLE POWER EQUIPMENT CO., LTD
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E-ABLE POWER / HIGH MAST / SKYWING

SKYWING SF11

Sports & High Mast Light · 400–2400 W · IP66 / IK08

SKYWING SF11 is a sports and high-mast LED light family documented from 400W to 2400W in ten models, with symmetric 10°, 15°, 25°, 45°, 60° and 90° optics plus a professional asymmetric 60° distribution.

The family uses a die-cast ADC12 housing with removable and remotely mountable driver boxes, 4mm tempered glass, AC100-277V input, an IP66 / IK08 enclosure and 10-20KV surge protection.



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KEY FEATURES

01

400W–2400W range — Ten documented models for large-area sports and high-mast applications.

Removable driver box — Tool-free access, individual or multi-driver options and ceiling mounting bracket.

Seven optics — 10°, 15°, 25°, 45°, 60°, 90° and asymmetric 60° distributions.

IP66 / IK08 — Documented environmental and impact rating plus 10-20KV surge protection.

MODEL RANGE

Ordering code	Rated power	Luminous flux	Fixture size
ISL-SF11-A-400W	400 W	60,000 lm	775 × 290 × 230 mm
ISL-SF11-A-500W	500 W	75,000 lm	775 × 290 × 230 mm
ISL-SF11-A-600W	600 W	84,000 lm	775 × 290 × 230 mm
ISL-SF11-A-800W	800 W	120,000 lm	775 × 420 × 393 mm
ISL-SF11-A-1000W	1000 W	150,000 lm	775 × 420 × 393 mm
ISL-SF11-A-1200W	1200 W	168,000 lm	775 × 420 × 393 mm
ISL-SF11-A-1500W	1500 W	225,000 lm	775 × 535 × 547 mm
ISL-SF11-A-1800W	1800 W	270,000 lm	775 × 535 × 547 mm
ISL-SF11-A-2000W	2000 W	300,000 lm	775 × 613 × 717 mm
ISL-SF11-A-2400W	2400 W	360,000 lm	775 × 613 × 717 mm

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TECHNICAL DATA

02

Values are reproduced from the series data; options are confirmed on the order.

Model	SF11-A-400W	SF11-A-500W	SF11-A-600W	SF11-A-800W
Electrical & light source				
Rated power	400 W	500 W	600 W	800 W
Input voltage	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz
LED brand	Lumileds / Osram	Lumileds / Osram	Lumileds / Osram	Lumileds / Osram
Driver / control	1-10V, DALI	1-10V, DALI	1-10V, DALI	1-10V, DALI
Surge protection	10-20 kV	10-20 kV	10-20 kV	10-20 kV
Photocell	Yes	Yes	Yes	Yes
Optical performance				
CCT	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°
CRI	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)
Luminous flux	60,000 lm	75,000 lm	84,000 lm	120,000 lm
Construction & dimensions				
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	775 × 290 × 230 mm	775 × 290 × 230 mm	775 × 290 × 230 mm	775 × 420 × 393 mm
Lens material	UV-resistant PC (94% transmittance)	UV-resistant PC (94% transmittance)	UV-resistant PC (94% transmittance)	UV-resistant PC (94% transmittance)
Glass	Tempered glass (optional)	Tempered glass (optional)	Tempered glass (optional)	Tempered glass (optional)
Operating, options & certification				
IP rating	IP66	IP66	IP66	IP66
IK rating	IK08	IK08	IK08	IK08
Life span	50,000 h	50,000 h	50,000 h	50,000 h
Certification	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS

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TECHNICAL DATA

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Model	SF11-A-1000W	SF11-A-1200W	SF11-A-1500W	SF11-A-1800W
Electrical & light source				
Rated power	1000 W	1200 W	1500 W	1800 W
Input voltage	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz
LED brand	Lumileds / Osram	Lumileds / Osram	Lumileds / Osram	Lumileds / Osram
Driver / control	1-10V, DALI	1-10V, DALI	1-10V, DALI	1-10V, DALI
Surge protection	10-20 kV	10-20 kV	10-20 kV	10-20 kV
Photocell	Yes	Yes	Yes	Yes
Optical performance				
CCT	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°
CRI	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)
Luminous flux	150,000 lm	168,000 lm	225,000 lm	270,000 lm
Construction & dimensions				
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	775 × 420 × 393 mm	775 × 420 × 393 mm	775 × 535 × 547 mm	775 × 535 × 547 mm
Lens material	UV-resistant PC (94% transmittance)	UV-resistant PC (94% transmittance)	UV-resistant PC (94% transmittance)	UV-resistant PC (94% transmittance)
Glass	Tempered glass (optional)	Tempered glass (optional)	Tempered glass (optional)	Tempered glass (optional)
Operating, options & certification				
IP rating	IP66	IP66	IP66	IP66
IK rating	IK08	IK08	IK08	IK08
Life span	50,000 h	50,000 h	50,000 h	50,000 h
Certification	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS

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TECHNICAL DATA

04

Values are reproduced from the series data; options are confirmed on the order.

Model	SF11-A-2000W	SF11-A-2400W
Electrical & light source		
Rated power	2000 W	2400 W
Input voltage	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz
LED brand	Lumileds / Osram	Lumileds / Osram
Driver / control	1-10V, DALI	1-10V, DALI
Surge protection	10-20 kV	10-20 kV
Photocell	Yes	Yes
Optical performance		
CCT	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°
CRI	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)
Luminous flux	300,000 lm	360,000 lm
Construction & dimensions		
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	775 × 613 × 717 mm	775 × 613 × 717 mm
Lens material	UV-resistant PC (94% transmittance)	UV-resistant PC (94% transmittance)
Glass	Tempered glass (optional)	Tempered glass (optional)
Operating, options & certification		
IP rating	IP66	IP66
IK rating	IK08	IK08
Life span	50,000 h	50,000 h
Certification	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS

- Technical values are copied from the SKYWING SF11 Sports & High Mast Light series data; optics, CCT and control options are confirmed on the order.
- Beam angle, CCT, CRI and glass are options within one ordering code.
- Dimension drawings and polar plots are the supplier artwork, reproduced for this datasheet.
- Packing is described by method only; carton data is supplied with the shipping documents.

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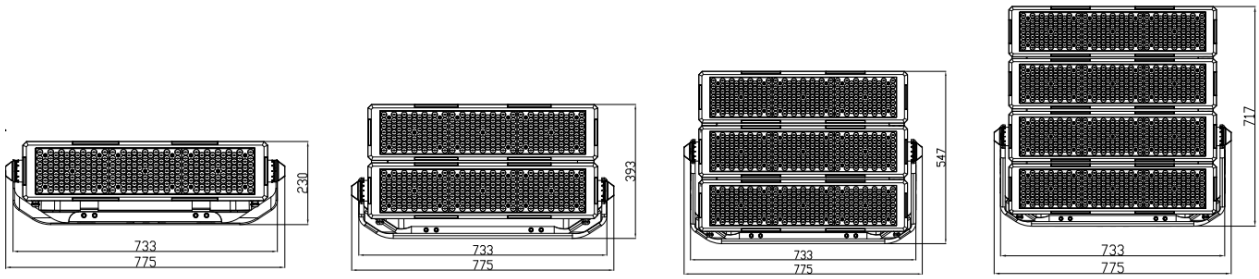
DIMENSIONS

05



- Multiple Power:



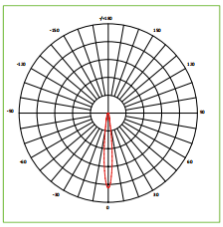
400W-600W 800W-1200W 1200W-1800W 1600W-2400W

- Ceiling Mounting Bracket

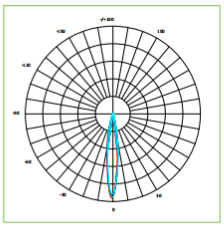


Dimension · 775×290mm to 775×613mm

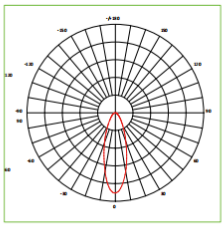
LIGHT DISTRIBUTION



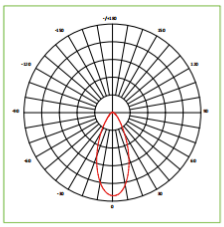
10°



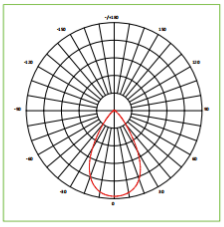
15°



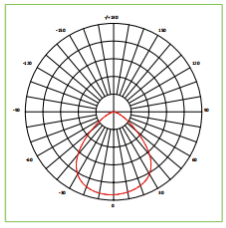
25°



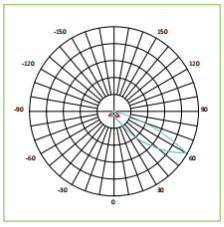
45°



60°



90°



Asymmetrical 60°

Polar curves are reproduced from the factory photometric data; the IES file for the ordered optics is the reference.

Specifications are nominal and may change without notice. The contractual revision is the one confirmed in the order acknowledgement. Draft R02 for internal review.