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

SKYWING SF10

Sports & High Mast Light · 400–1200 W · IP66 / IK08

SKYWING SF10 is a sports and high-mast LED light family documented from 400W to 1200W in six models, with 10°, 15°, 25°, 45°, 60° and 90° optical distributions.

The family uses a die-cast ADC12 housing with a removable and remotely mountable driver box, UV-resistant polycarbonate lens, AC100-277V input, an IP66 / IK08 enclosure and 10-20KV surge protection.



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KEY FEATURES

01

400W–1200W range — Six documented models for large-area sports and high-mast applications.

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

Removable driver box — Tool-free access for quick and easy wiring with individual or multi-driver options.

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

MODEL RANGE

Ordering code	Rated power	Luminous flux	Fixture size
ISL-SF10-A-400W	400 W	60,000 lm	521 × 511 × 394 mm
ISL-SF10-A-500W	500 W	75,000 lm	521 × 511 × 394 mm
ISL-SF10-A-600W	600 W	90,000 lm	521 × 511 × 394 mm
ISL-SF10-A-800W	800 W	120,000 lm	680 × 660 × 439 mm
ISL-SF10-A-1000W	1000 W	150,000 lm	680 × 660 × 439 mm
ISL-SF10-A-1200W	1200 W	180,000 lm	680 × 660 × 439 mm

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TECHNICAL DATA

02

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

Model	SF10-A-400W	SF10-A-500W	SF10-A-600W	SF10-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°	10° / 15° / 25° / 45° / 60° / 90°	10° / 15° / 25° / 45° / 60° / 90°	10° / 15° / 25° / 45° / 60° / 90°
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	90,000 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	521 × 511 × 394 mm	521 × 511 × 394 mm	521 × 511 × 394 mm	680 × 660 × 439 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 / TUV / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / TUV / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / TUV / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / TUV / CB / CE / ENEC / SAA / FCC / RoHS

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TECHNICAL DATA

03

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

Model	SF10-A-1000W	SF10-A-1200W
Electrical & light source		
Rated power	1000 W	1200 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°	10° / 15° / 25° / 45° / 60° / 90°
CRI	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)
Luminous flux	150,000 lm	180,000 lm
Construction & dimensions		
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	680 × 660 × 439 mm	680 × 660 × 439 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 / TUV / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / TUV / CB / CE / ENEC / SAA / FCC / RoHS

- Technical values are copied from the SKYWING SF10 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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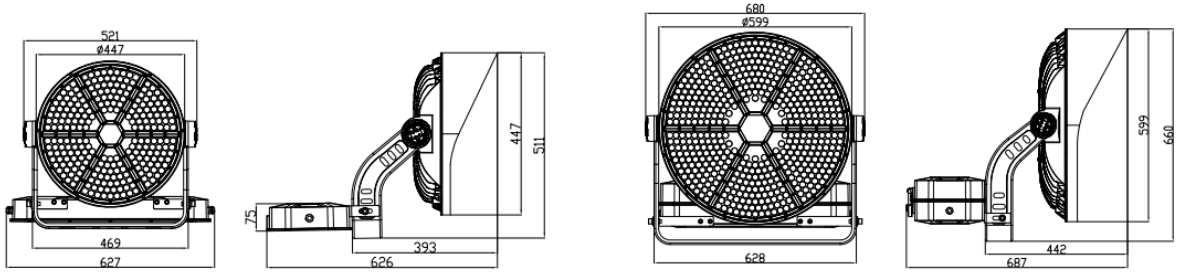
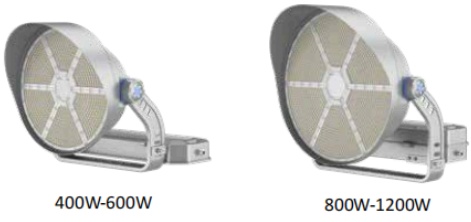
DIMENSIONS

04



- Multiple Power:



400W-600W

800W-1200W

- Driver Options:



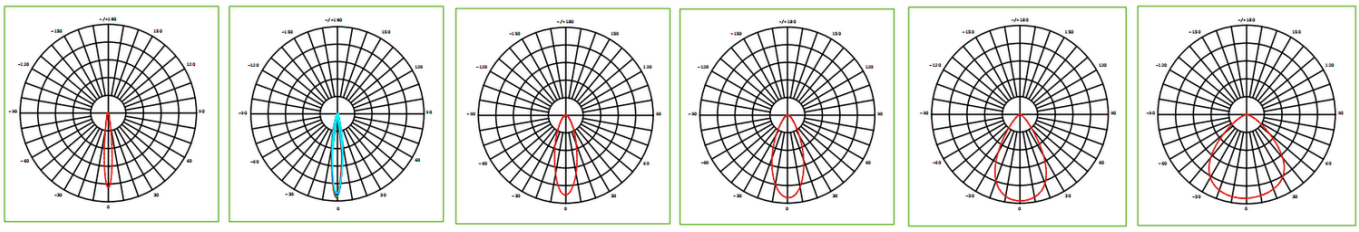
Individual Driver



Multiple-Driver Box

Dimension · 521mm and 680mm housing footprints

LIGHT DISTRIBUTION



10° 15° 25° 45° 60° 90°

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.