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E-ABLE POWER / HIGH MAST / SKYWING

SKYWING SF06

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

SKYWING SF06 is a die-cast aluminum sports and high-mast LED light family documented from 400W to 1200W in six models.

The supplied data lists ten, fifteen, twenty-five, forty-five, sixty and ninety-degree distributions for controlled spill light and upward-light reduction.



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KEY FEATURES

01

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

Six beam angles — 10°, 15°, 25°, 45°, 60° and 90° distributions with published polar plots.

270° racked angle — A 270° adjustable bracket with 10° steps for precise installation aiming.

IP66 / IK08 build — Documented environmental and impact ratings for outdoor sports installs.

MODEL RANGE

Ordering code	Rated power	Luminous flux	Fixture size
ISL-SF06-A-400W	400 W	60,000 lm	522 × 509 × 389 mm
ISL-SF06-A-500W	500 W	75,000 lm	522 × 509 × 389 mm
ISL-SF06-A-600W	600 W	90,000 lm	522 × 509 × 389 mm
ISL-SF06-A-800W	800 W	120,000 lm	681 × 660 × 497 mm
ISL-SF06-A-1000W	1000 W	150,000 lm	681 × 660 × 497 mm
ISL-SF06-A-1200W	1200 W	180,000 lm	681 × 660 × 497 mm

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TECHNICAL DATA

02

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

Model	SF06-A-400W	SF06-A-500W	SF06-A-600W	SF06-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
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 ≥ 70 / 80 / 90	Ra ≥ 70 / 80 / 90	Ra ≥ 70 / 80 / 90	Ra ≥ 70 / 80 / 90
Luminous flux	60,000 lm	75,000 lm	90,000 lm	120,000 lm
Construction & dimensions				
Housing	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Fixture size	522 × 509 × 389 mm	522 × 509 × 389 mm	522 × 509 × 389 mm	681 × 660 × 497 mm
Lens material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Glass	4 mm tempered glass (optional)	4 mm tempered glass (optional)	4 mm tempered glass (optional)	4 mm tempered glass (optional)
Operating, options & certification				
IP rating	IP66	IP66	IP66	IP66
IK rating	IK08	IK08	IK08	IK08
Life span	50,000 h (Pending: TDS 60,000 h)	50,000 h (Pending: TDS 60,000 h)	50,000 h (Pending: TDS 60,000 h)	50,000 h (Pending: TDS 60,000 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

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

Model	SF06-A-1000W	SF06-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
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 ≥ 70 / 80 / 90	Ra ≥ 70 / 80 / 90
Luminous flux	150,000 lm	180,000 lm
Construction & dimensions		
Housing	Die-cast aluminum	Die-cast aluminum
Fixture size	681 × 660 × 497 mm	681 × 660 × 497 mm
Lens material	Polycarbonate	Polycarbonate
Glass	4 mm tempered glass (optional)	4 mm tempered glass (optional)
Operating, options & certification		
IP rating	IP66	IP66
IK rating	IK08	IK08
Life span	50,000 h (Pending: TDS 60,000 h)	50,000 h (Pending: TDS 60,000 h)
Certification	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS

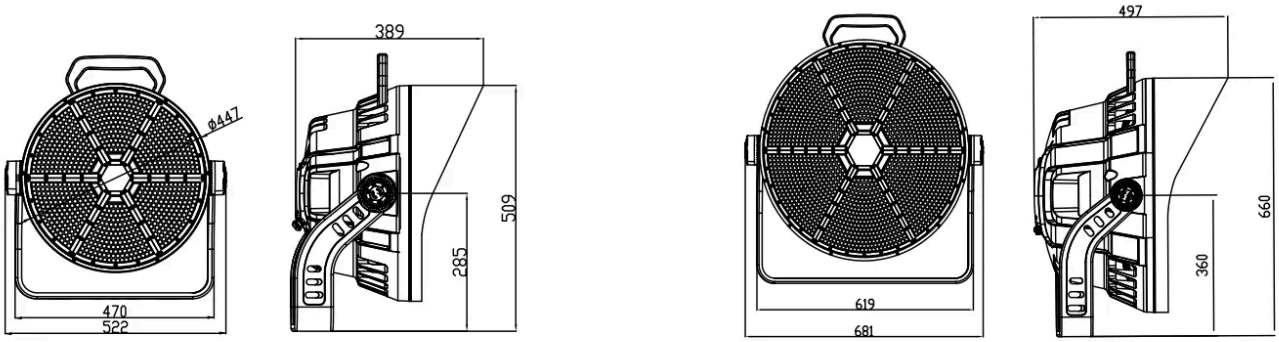
- Technical values are copied from the SKYWING SF06 Sports & High Mast LED Light series data; optics, CCT and control options are confirmed on the order.
- Beam angle, CCT, CRI and glass are options within one ordering code.
- Dimension drawings and polar plots are the supplier artwork, reproduced for this datasheet.
- Packing is described by method only; carton data is supplied with the shipping documents.

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DIMENSIONS

04



LIGHT DISTRIBUTION

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.