LISHUI E-ABLE POWER EQUIPMENT CO., LTD
No.368, Chengbei Road, Liandu District, 323000, Lishui City, Zhejiang, China
www.e-ablepower.com | arthur@e-ablepower.com | WhatsApp +86 153 5558 9600

E-ABLE POWER / HIGH MAST / SKYWING

SKYWING SF01

Sports & High Mast Light · 200–1440 W · IP66 / IK08

SKYWING SF01 is a sports and high-mast LED light family documented from 200W to 1440W in six models, with 25°, 45°, 60° and 90° optical distributions.

The family uses Lumileds chips, a UV-resistant polycarbonate optical lens (94% transmittance), AC100-277V input, an IP66 / IK08 enclosure and 10-20KV surge protection.



IN THIS DATASHEET

02 Technical data p. 2
03 Technical data p. 3
04 Dimensions & optics p. 4

KEY FEATURES

01

200W–1440W range — Six documented models for large-area sports and high-mast applications.

AL1070 cold forging — Cold-forged aluminium build with excellent thermal management.

Four optics — 25°, 45°, 60° and 90° distributions with published polar plots.

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

MODEL RANGE

Ordering code	Rated power	Luminous flux	Fixture size
ISL-XQCD-200W	200 W	28,000 lm	300 × 250 × 120 mm
ISL-XQCD-360W	360 W	50,400 lm	460 × 300 × 150 mm
ISL-XQCD-540W	540 W	75,600 lm	670 × 300 × 150 mm
ISL-XQCD-720W	720 W	100,800 lm	560 × 460 × 150 mm
ISL-XQCD-1080W	1080 W	151,200 lm	670 × 560 × 200 mm
ISL-XQCD-1440W	1440 W	201,600 lm	880 × 560 × 200 mm

E-AblePower Technology

LISHUI E-ABLE POWER EQUIPMENT CO., LTD
No.368, Chengbei Road, Liandu District, 323000, Lishui City, Zhejiang, China
www.e-ablepower.com | arthur@e-ablepower.com | WhatsApp +86 153 5558 9600

TECHNICAL DATA

02

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

Model	XQCD-200W	XQCD-360W	XQCD-540W	XQCD-720W
Electrical & light source				
Rated power	200 W	360 W	540 W	720 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	25° / 45° / 60° / 90°	25° / 45° / 60° / 90°	25° / 45° / 60° / 90°	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	28,000 lm	50,400 lm	75,600 lm	100,800 lm
Construction & dimensions				
Housing	Cold-forged aluminum AL1070	Cold-forged aluminum AL1070	Cold-forged aluminum AL1070	Cold-forged aluminum AL1070
Fixture size	300 × 250 × 120 mm	460 × 300 × 150 mm	670 × 300 × 150 mm	560 × 460 × 150 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	ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS

E-AblePower Technology

LISHUI E-ABLE POWER EQUIPMENT CO., LTD
No.368, Chengbei Road, Liandu District, 323000, Lishui City, Zhejiang, China
www.e-ablepower.com | arthur@e-ablepower.com | WhatsApp +86 153 5558 9600

TECHNICAL DATA

03

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

Model	XQCD-1080W	XQCD-1440W
Electrical & light source		
Rated power	1080 W	1440 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	25° / 45° / 60° / 90°	25° / 45° / 60° / 90°
CRI	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)
Luminous flux	151,200 lm	201,600 lm
Construction & dimensions		
Housing	Cold-forged aluminum AL1070	Cold-forged aluminum AL1070
Fixture size	670 × 560 × 200 mm	880 × 560 × 200 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	ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS

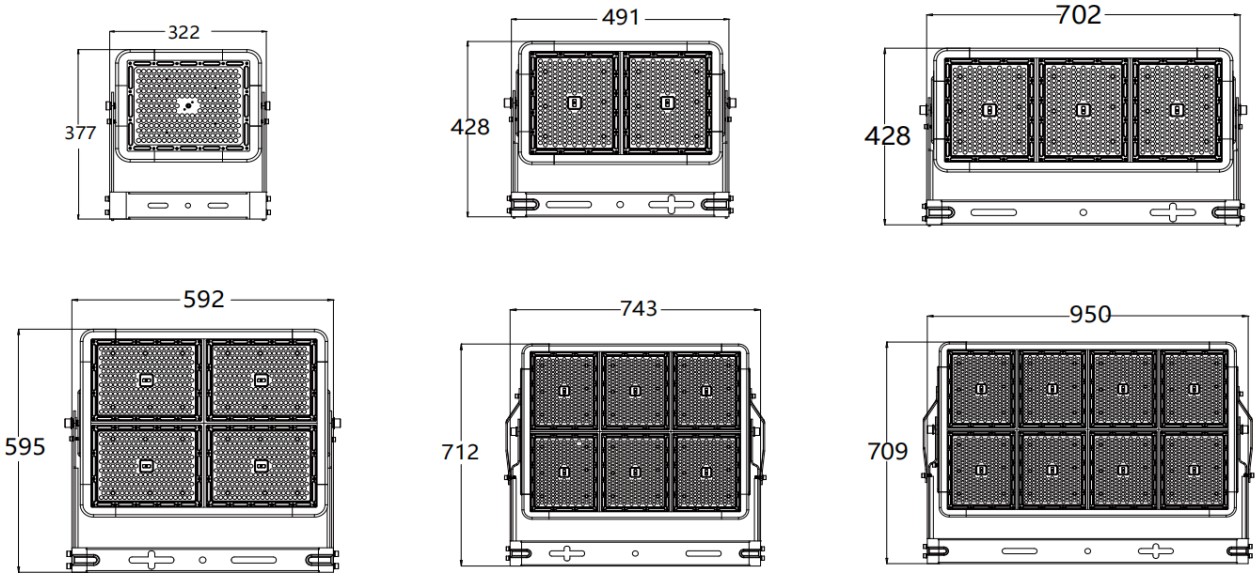
- Technical values are copied from the SKYWING SF01 Sports & High Mast Light series data; optics, CCT and control options are confirmed on the order.
- Beam angle, CCT, CRI and glass are options within one ordering code.
- Dimension drawings and polar plots are the supplier artwork, reproduced for this datasheet.
- Packing is described by method only; carton data is supplied with the shipping documents.

E-AblePower Technology

LISHUI E-ABLE POWER EQUIPMENT CO., LTD
No.368, Chengbei Road, Liandu District, 323000, Lishui City, Zhejiang, China
www.e-ablepower.com | arthur@e-ablepower.com | WhatsApp +86 153 5558 9600

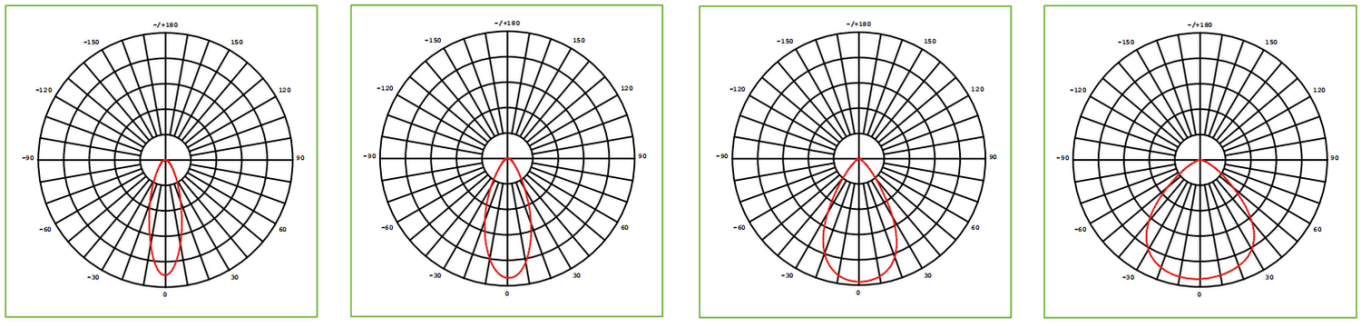
DIMENSIONS

04



Dimension · 322–950mm housing footprints

LIGHT DISTRIBUTION



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.