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E-ABLE POWER / HIGH MAST / SKYWING

SKYWING SF08

Sports & High Mast Light · 300–1500 W · IP66 / IK08

SKYWING SF08 is a sports and high-mast LED light family documented from 240W to 1200W in five models, with 10°, 15°, 25°, 45°, 60°, 90° and asymmetric 60° optical distributions.

The family uses Lumileds / Osram chips with a die-cast ADC12 housing, a UV-resistant polycarbonate lens, AC100-277V input, an IP66 / IK08 enclosure and 10-20KV surge protection.



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KEY FEATURES

01

240W–1200W range — Five documented models for large-area sports and high-mast applications.

Optional terminal box — Die-cast aluminium terminal box, spill shield and aiming device options.

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-QCD-H300W	300 W	42,000 lm	560 × 250 × 148 mm
ISL-QCD-H600W	600 W	84,000 lm	560 × 447 × 148 mm
ISL-QCD-H900W	900 W	126,000 lm	560 × 604 × 148 mm
ISL-QCD-H1200W	1200 W	168,000 lm	560 × 761 × 148 mm
ISL-QCD-H1500W	1500 W	210,000 lm	560 × 918 × 148 mm

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TECHNICAL DATA

02

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

Model	QCD-H300W	QCD-H600W	QCD-H900W	QCD-H1200W
Electrical & light source				
Rated power	300 W	600 W	900 W	1200 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	42,000 lm	84,000 lm	126,000 lm	168,000 lm
Construction & dimensions				
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	560 × 250 × 148 mm	560 × 447 × 148 mm	560 × 604 × 148 mm	560 × 761 × 148 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	CQC / CB / CE / ENEC / SAA / FCC / RoHS	CQC / CB / CE / ENEC / SAA / FCC / RoHS	CQC / CB / CE / ENEC / SAA / FCC / RoHS	CQC / CB / CE / ENEC / SAA / FCC / RoHS

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TECHNICAL DATA

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Model	QCD-H1500W
Electrical & light source	
Rated power	1500 W
Input voltage	AC100-277V, 50/60Hz
LED brand	Lumileds / Osram
Driver / control	1-10V, DALI
Surge protection	10-20 kV
Photocell	Yes
Optical performance	
CCT	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°
CRI	Ra ≥ 80 (70/90 optional)
Luminous flux	210,000 lm
Construction & dimensions	
Housing	Die-cast aluminum ADC12
Fixture size	560 × 918 × 148 mm
Lens material	UV-resistant PC (94% transmittance)
Glass	Tempered glass (optional)
Operating, options & certification	
IP rating	IP66
IK rating	IK08
Life span	50,000 h
Certification	CQC / CB / CE / ENEC / SAA / FCC / RoHS

- Technical values are copied from the SKYWING SF08 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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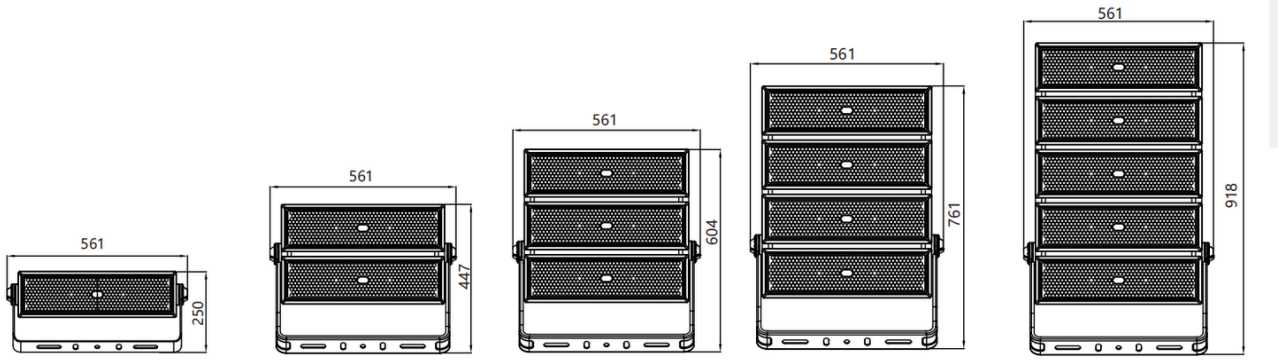
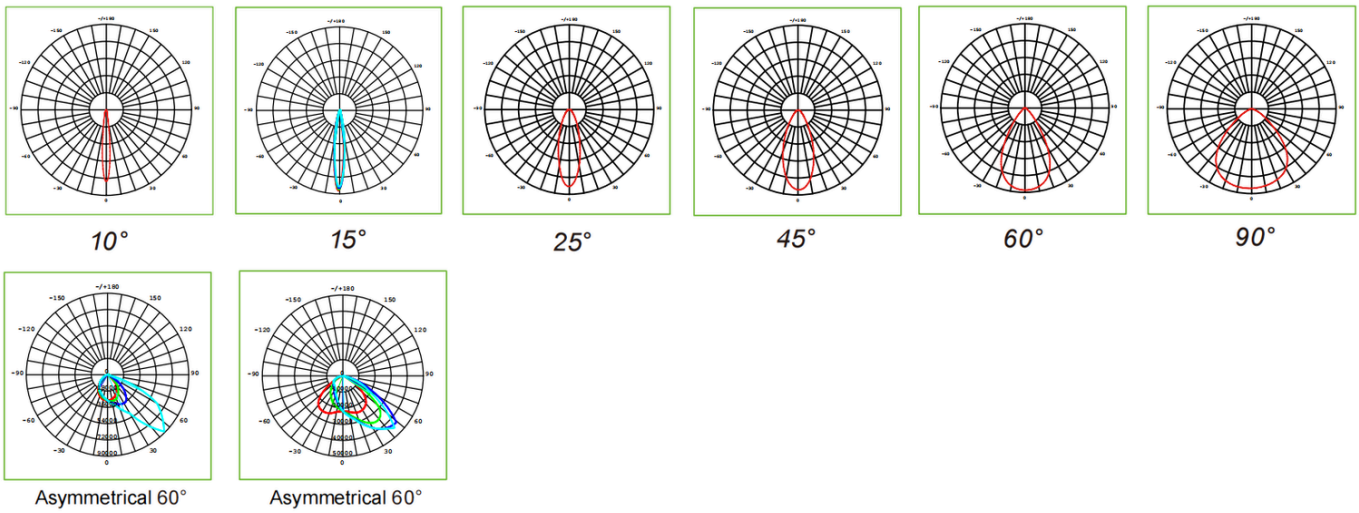
DIMENSIONS

04



Dimension · 560×250mm to 560×918mm

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.