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 SF03

Sports & High Mast Light · 250–1250 W · IP66 / IK08

SKYWING SF03 replaceable module fixtures SKYWING SF03 is a replaceable-module sports and high-mast LED light family documented from 250W to 1250W in five models, with 10°, 25°, 45°, 60°, 90°, 130×30×60° and 65×25×60° optical distributions.

The family uses Lumileds / Osram chips with a die-cast ADC12 housing and replaceable module fixtures, a UV-resistant polycarbonate lens, 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

250W–1250W range — Five documented replaceable-module fixtures for large-area sports and high-mast applications.

Replaceable modules — Tool-free module replacement with adjustable ±30° module angle.

Seven optics — 10°, 25°, 45°, 60°, 90°, 130×30×60° and 65×25×60° 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-C250W	250 W	33,600 lm	462 × 222 × 111 mm
ISL-QCD-C500W	500 W	67,200 lm	462 × 399 × 111 mm
ISL-QCD-C750W	750 W	100,800 lm	462 × 584 × 111 mm
ISL-QCD-C1000W	1000 W	134,400 lm	462 × 761 × 111 mm
ISL-QCD-C1250W	1250 W	168,000 lm	462 × 968 × 111 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	QCD-C250W	QCD-C500W	QCD-C750W	QCD-C1000W
Electrical & light source				
Rated power	250 W	500 W	750 W	1000 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° / 25° / 45° / 60° / 90° / 130 × 30 × 60° / 65 × 25 × 60°	10° / 25° / 45° / 60° / 90° / 130 × 30 × 60° / 65 × 25 × 60°	10° / 25° / 45° / 60° / 90° / 130 × 30 × 60° / 65 × 25 × 60°	10° / 25° / 45° / 60° / 90° / 130 × 30 × 60° / 65 × 25 × 60°
CRI	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)
Luminous flux	33,600 lm	67,200 lm	100,800 lm	134,400 lm
Construction & dimensions				
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	462 × 222 × 111 mm	462 × 399 × 111 mm	462 × 584 × 111 mm	462 × 761 × 111 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

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

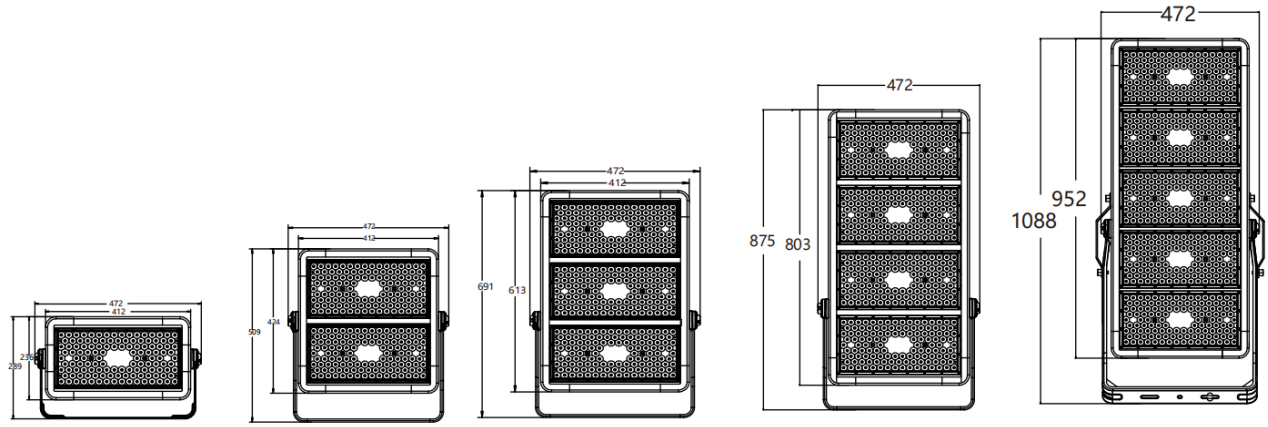
Model	QCD-C1250W
Electrical & light source	
Rated power	1250 W
Input voltage	AC100-277V, 50/60Hz
LED brand	Lumileds / Osram
Driver / control	1-10V, DALI
Surge protection	10-20 kV
Photocell	Yes
Optical performance	
CCT	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	10° / 25° / 45° / 60° / 90° / 130 × 30 × 60° / 65 × 25 × 60°
CRI	Ra ≥ 80 (70/90 optional)
Luminous flux	168,000 lm
Construction & dimensions	
Housing	Die-cast aluminum ADC12
Fixture size	462 × 968 × 111 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	ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS

- Technical values are copied from the SKYWING SF03 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.

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

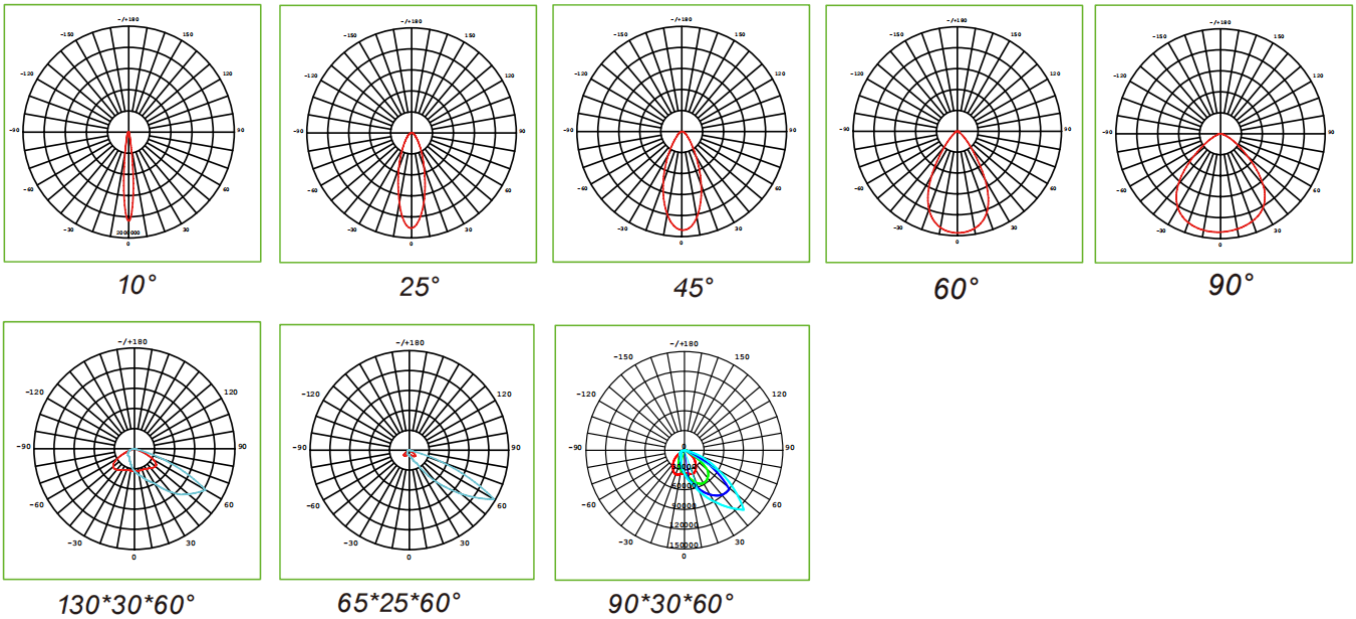
DIMENSIONS

04



Dimension · 462mm to 1072mm module footprints

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.