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 LIGHTING

LED High Mast Lighting

Complete Datasheet Set

INSIDE

13 models

Revision R02 · EN · 55 pages

A cover and contents page, then every model datasheet from this range in one file: technical data, dimensions, optics and photometrics. Individual model sheets stay available on the website.

INCLUDED

SKYWING SF01 - SF13 · NOVA MFL02

Contents

LED High Mast Lighting · 55 pages

01 **SKYWING SF01** 3
Sports & High Mast Light · 200-1440 W · IP66 / IK08

02 **SKYWING SF02** 7
Sports & High Mast Light · 400-1500 W · IP66 / IK08

03 **SKYWING SF03** 11
Sports & High Mast Light · 250-1250 W · IP66 / IK08

04 **SKYWING SF04** 15
Sports & High Mast Light · 400-1200 W · IP66 / IK08

05 **SKYWING SF05** 19
Sports & High Mast Light · 200-1200 W · IP66 / IK08

06 **SKYWING SF06** 23
Sports & High Mast LED Light · 400-1200 W · IP66 / IK08

07 **SKYWING SF07** 27
Sports & High Mast Light · 400-1800 W · IP66 / IK08

08 **SKYWING SF08** 31
Sports & High Mast Light · 300-1500 W · IP66 / IK08

09 **SKYWING SF09** 35
High Mast LED Light · 400-800 W · IP66 / IK08

10 **SKYWING SF10** 38
Sports & High Mast Light · 400-1200 W · IP66 / IK08

11 **SKYWING SF11** 42
Sports & High Mast Light · 400-2400 W · IP66 / IK08

12 **SKYWING SF13** 47
Sports & High Mast Light · 250-1250 W · IP66 / IK08

13 **NOVA MFL02** 51
Module Flood Light · 50-500 W · IP66 / IK08 · AC 100-277 V

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

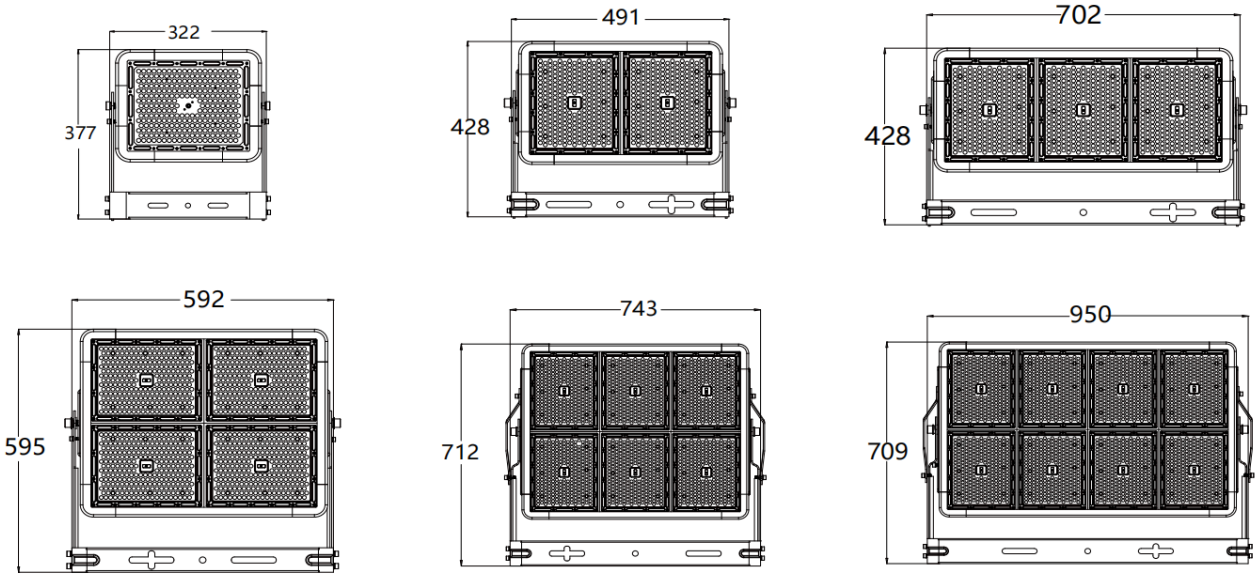
- Technical values are copied from the SKYWING SF01 Sports & High Mast Light series data; optics, CCT and control options are confirmed on the order.
- Beam angle, CCT, CRI and glass are options within one ordering code.
- Dimension drawings and polar plots are the supplier artwork, reproduced for this 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

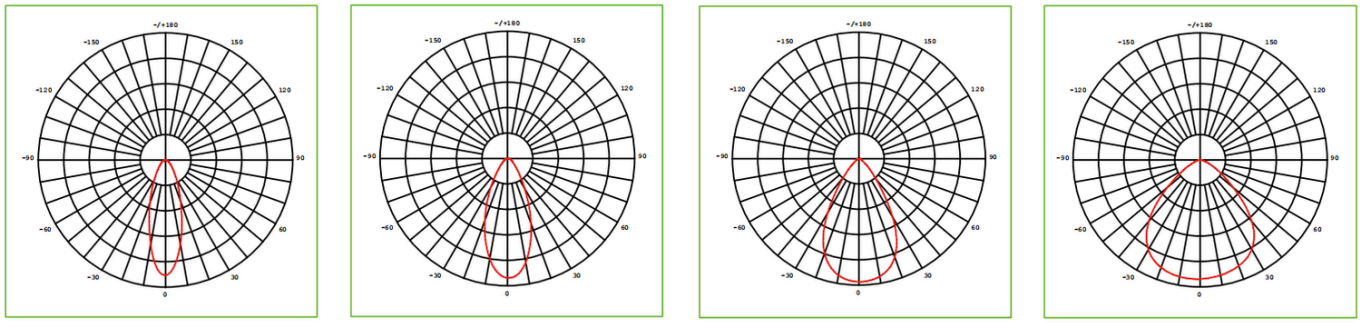
DIMENSIONS

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.

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 SF02

Sports & High Mast Light · 400–1500 W · IP66 / IK08

SKYWING SF02 is a sports and high-mast LED light family documented from 400W to 1500W in six models, with 25°, 45°, 60° and 90° optical distributions and a 270° racked-angle bracket.

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

400W–1500W range — Six documented models for large-area sports and high-mast applications.

270° racked angle — An adjustable mounting bracket with degree indicator for precise aiming.

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-QCD-B400W	400 W	56,000 lm	325 × 472 × 160 mm
ISL-QCD-B500W	500 W	70,000 lm	325 × 472 × 160 mm
ISL-QCD-B800W	800 W	112,000 lm	629 × 536 × 160 mm
ISL-QCD-B1000W	1000 W	140,000 lm	629 × 536 × 160 mm
ISL-QCD-B1200W	1200 W	168,000 lm	890 × 536 × 160 mm
ISL-QCD-B1500W	1500 W	201,600 lm	890 × 536 × 160 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-B400W	QCD-B500W	QCD-B800W	QCD-B1000W
Electrical & light source				
Rated power	400 W	500 W	800 W	1000 W
Input voltage	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz
LED brand	Lumileds	Lumileds	Lumileds	Lumileds
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	56,000 lm	70,000 lm	112,000 lm	140,000 lm
Construction & dimensions				
Housing	Cold-forged aluminum AL1070	Cold-forged aluminum AL1070	Cold-forged aluminum AL1070	Cold-forged aluminum AL1070
Fixture size	325 × 472 × 160 mm	325 × 472 × 160 mm	629 × 536 × 160 mm	629 × 536 × 160 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.

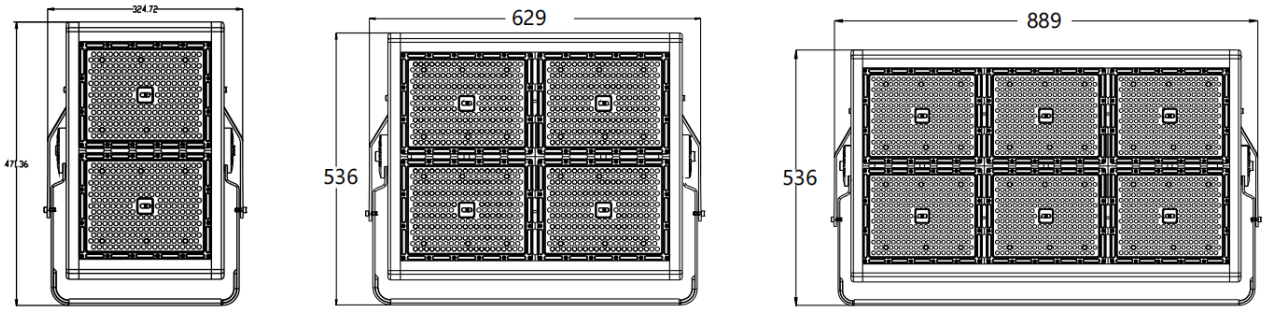
Model	QCD-B1200W	QCD-B1500W
Electrical & light source		
Rated power	1200 W	1500 W
Input voltage	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz
LED brand	Lumileds	Lumileds
Driver / control	1-10V, DALI	1-10V, DALI
Surge protection	10-20 kV	10-20 kV
Photocell	Yes	Yes
Optical performance		
CCT	3000K / 4000K / 5000K / 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	168,000 lm	201,600 lm
Construction & dimensions		
Housing	Cold-forged aluminum AL1070	Cold-forged aluminum AL1070
Fixture size	890 × 536 × 160 mm	890 × 536 × 160 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 SF02 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

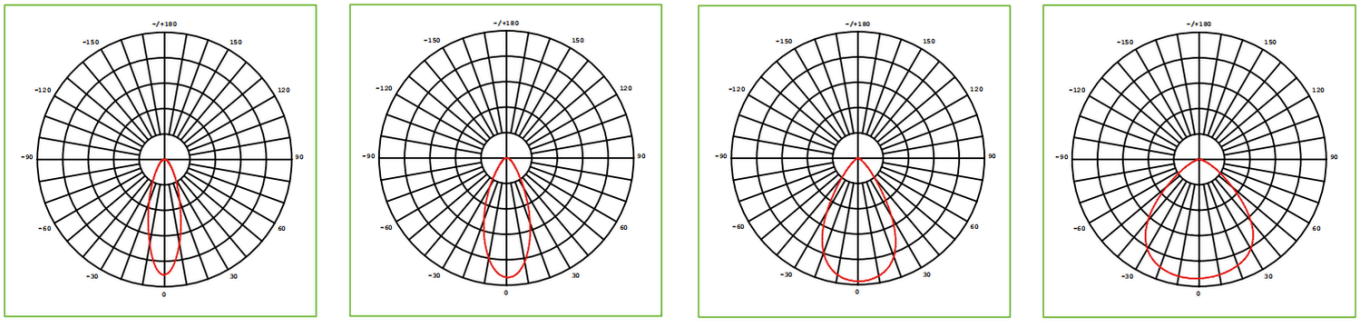
DIMENSIONS

04



Dimension · 325/629mm to 890mm housings

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.

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.

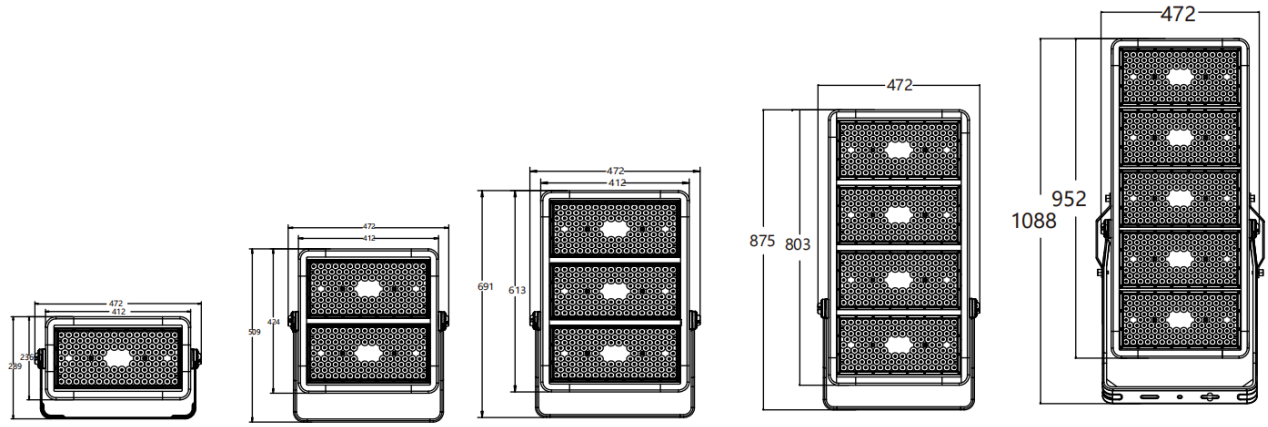
Model	QCD-C1250W
Electrical & light source	
Rated power	1250 W
Input voltage	AC100-277V, 50/60Hz
LED brand	Lumileds / Osram
Driver / control	1-10V, DALI
Surge protection	10-20 kV
Photocell	Yes
Optical performance	
CCT	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	10° / 25° / 45° / 60° / 90° / 130 × 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

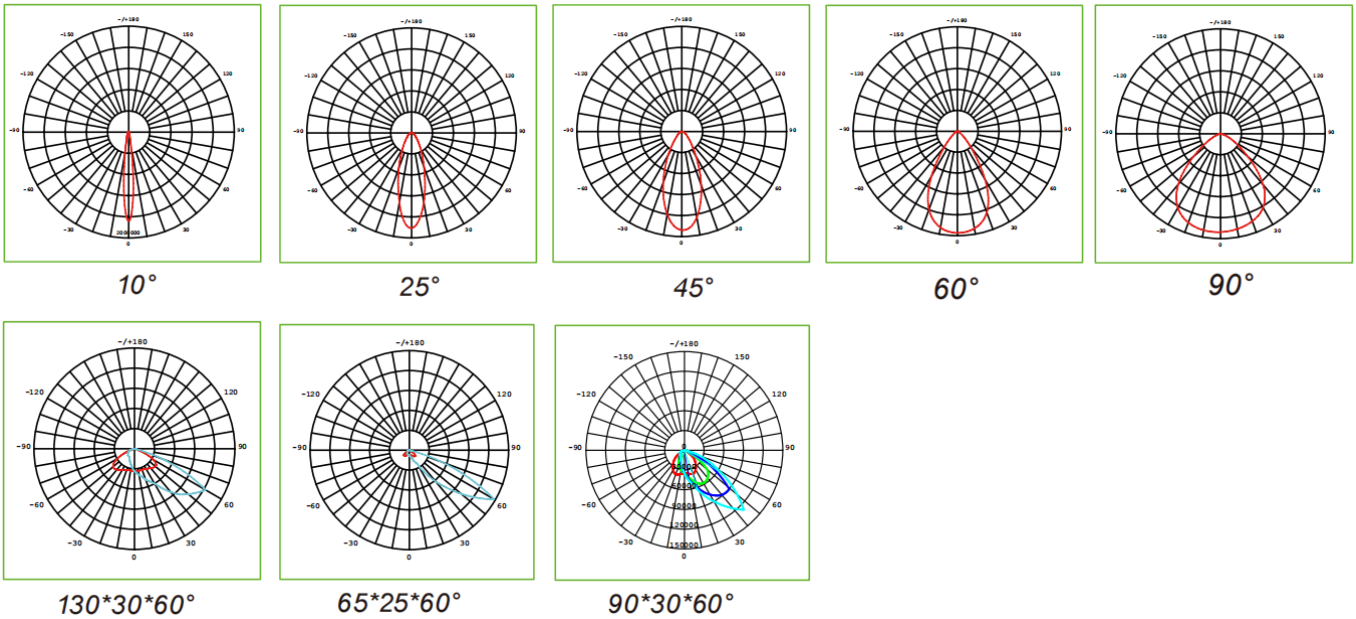
DIMENSIONS

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.

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 SF04

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

SKYWING SF04 is a sports and high-mast LED light family documented from 400W to 1200W in six models, with 10°, 25°, 45°, 60° and 90° optical distributions and a visor for spill-light control.

The family uses a die-cast ADC12 housing with corrosion-resistant treatment, a 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

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

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

Racked angle & visor — Widely adjustable mounting bracket with degree indicator and a light-spill visor.

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

MODEL RANGE

Ordering code	Rated power	Luminous flux	Fixture size
ISL-QCD-D400W	400 W	56,000 lm	493 × 439 × 421 mm
ISL-QCD-D500W	500 W	70,000 lm	493 × 439 × 421 mm
ISL-QCD-D600W	600 W	84,000 lm	493 × 439 × 421 mm
ISL-QCD-D800W	800 W	112,000 lm	651 × 586 × 511 mm
ISL-QCD-D1000W	1000 W	140,000 lm	651 × 586 × 511 mm
ISL-QCD-D1200W	1200 W	168,000 lm	651 × 586 × 511 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-D400W	QCD-D500W	QCD-D600W	QCD-D800W
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° / 25° / 45° / 60° / 90°	10° / 25° / 45° / 60° / 90°	10° / 25° / 45° / 60° / 90°	10° / 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	56,000 lm	70,000 lm	84,000 lm	112,000 lm
Construction & dimensions				
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	493 × 439 × 421 mm	493 × 439 × 421 mm	493 × 439 × 421 mm	651 × 586 × 511 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 / ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / 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.

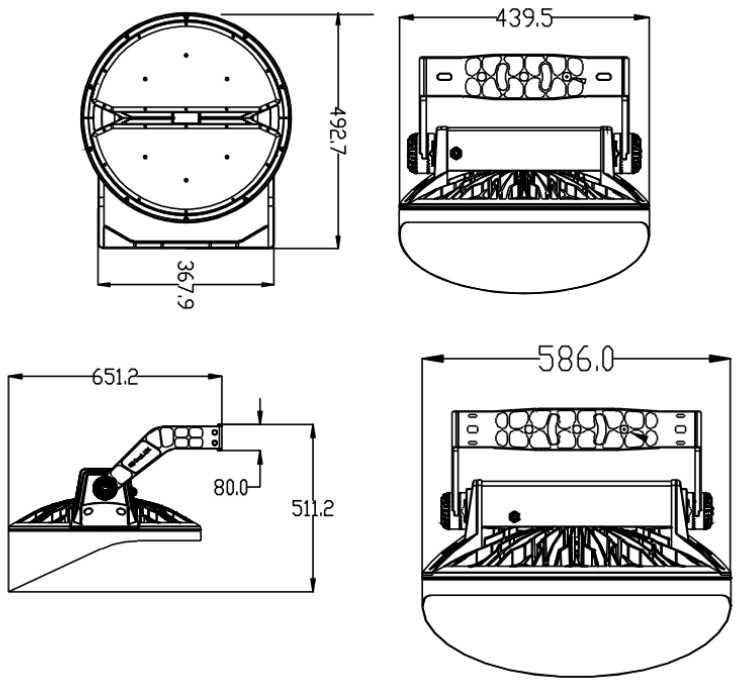
Model	QCD-D1000W	QCD-D1200W
Electrical & light source		
Rated power	1000 W	1200 W
Input voltage	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz
LED brand	Lumileds / Osram	Lumileds / Osram
Driver / control	1-10V, DALI	1-10V, DALI
Surge protection	10-20 kV	10-20 kV
Photocell	Yes	Yes
Optical performance		
CCT	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	10° / 25° / 45° / 60° / 90°	10° / 25° / 45° / 60° / 90°
CRI	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)
Luminous flux	140,000 lm	168,000 lm
Construction & dimensions		
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	651 × 586 × 511 mm	651 × 586 × 511 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 / ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS	UL / ETL / CQC / CB / CE / ENEC / SAA / FCC / RoHS

- Technical values are copied from the SKYWING SF04 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

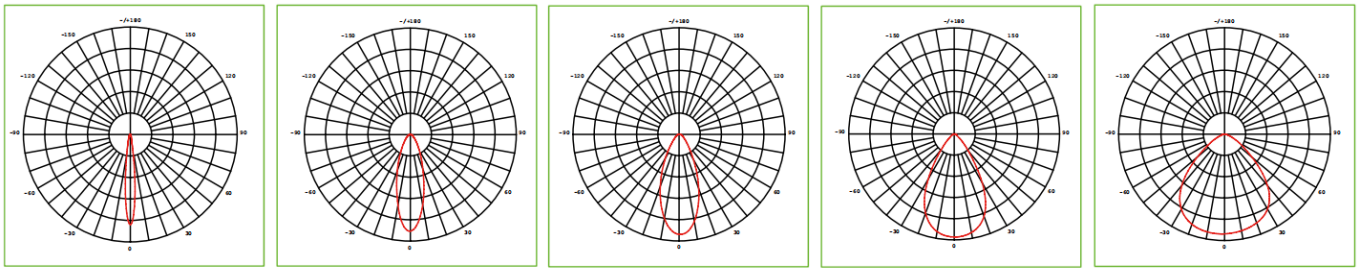
DIMENSIONS

04



Dimension · 493×439×421mm to 651×586×511mm

LIGHT DISTRIBUTION



10° 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.

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 SF05

Sports & High Mast Light · 200–1200 W · IP66 / IK08

SKYWING SF05 is a sports and high-mast LED light family documented from 200W to 1200W in six models, with 30°, 45°, 60°, 90°, 120×40×60° and 80×140° 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–1200W range — Six documented models for large-area sports and high-mast applications.

Six optics — 30°, 45°, 60°, 90°, 120×40×60° and 80×140° distributions.

Die-cast ADC12 — Cast-aluminium housing with excellent thermal management.

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

MODEL RANGE

Ordering code	Rated power	Luminous flux	Fixture size
ISL-QCD-E200W	200 W	28,000 lm	159 × 490 × 140 mm
ISL-QCD-E400W	400 W	56,000 lm	315 × 490 × 155 mm
ISL-QCD-E600W	600 W	84,000 lm	428 × 490 × 155 mm
ISL-QCD-E800W	800 W	112,000 lm	555 × 490 × 155 mm
ISL-QCD-E1000W	1000 W	140,000 lm	668 × 490 × 155 mm
ISL-QCD-E1200W	1200 W	168,000 lm	776 × 490 × 155 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-E200W	QCD-E400W	QCD-E600W	QCD-E800W
Electrical & light source				
Rated power	200 W	400 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	Lumileds	Lumileds	Lumileds
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	30° / 45° / 60° / 90° / 120 × 40 × 60° / 80 × 140°	30° / 45° / 60° / 90° / 120 × 40 × 60° / 80 × 140°	30° / 45° / 60° / 90° / 120 × 40 × 60° / 80 × 140°	30° / 45° / 60° / 90° / 120 × 40 × 60° / 80 × 140°
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	56,000 lm	84,000 lm	112,000 lm
Construction & dimensions				
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	159 × 490 × 140 mm	315 × 490 × 155 mm	428 × 490 × 155 mm	555 × 490 × 155 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 / 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

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.

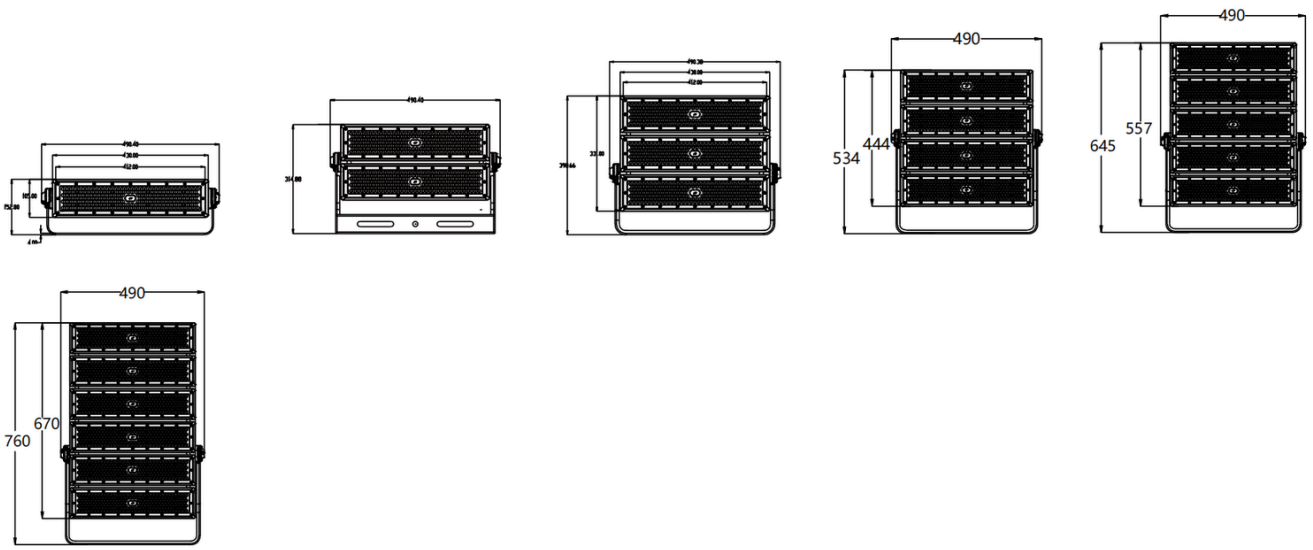
Model	QCD-E1000W	QCD-E1200W
Electrical & light source		
Rated power	1000 W	1200 W
Input voltage	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz
LED brand	Lumileds	Lumileds
Driver / control	1-10V, DALI	1-10V, DALI
Surge protection	10-20 kV	10-20 kV
Photocell	Yes	Yes
Optical performance		
CCT	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	30° / 45° / 60° / 90° / 120 × 40 × 60° / 80 × 140°	30° / 45° / 60° / 90° / 120 × 40 × 60° / 80 × 140°
CRI	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)
Luminous flux	140,000 lm	168,000 lm
Construction & dimensions		
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	668 × 490 × 155 mm	776 × 490 × 155 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 / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS

- Technical values are copied from the SKYWING SF05 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

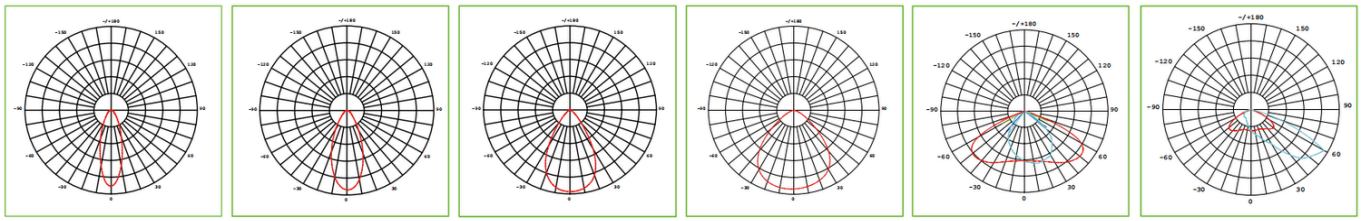
DIMENSIONS

04



Dimension · 159/315mm to 428/555mm housings

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.

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 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.



IN THIS DATASHEET

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

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

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	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

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	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

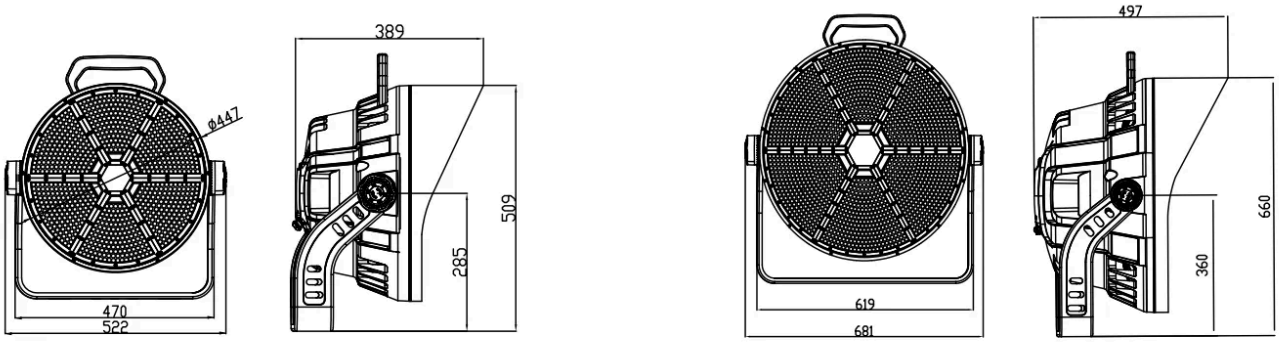
- Technical values are copied from the SKYWING SF06 Sports & High Mast LED Light series data; optics, CCT and control options are confirmed on the order.
- Beam angle, CCT, CRI and glass are options within one ordering code.
- Dimension drawings and polar plots are the supplier artwork, reproduced for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

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



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.

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 SF07

Sports & High Mast Light · 400–1800 W · IP66 / IK08

SKYWING SF07 is a sports and high-mast LED light family documented from 400W to 1800W in eight models, with symmetric 10°, 15°, 25°, 45°, 60° and 90° optics plus a professional asymmetric 60° distribution.

The family uses a die-cast ADC12 housing with corrosion-resistant treatment, a polycarbonate lens and 4mm tempered glass for coastal areas, 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

400W–1800W range — Eight documented models for large-area sports and high-mast applications.

Racked angle & glass — Adjustable bracket with degree indicator and 4mm tempered glass option.

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-G400W	400 W	60,000 lm	718 × 214 × 222 mm
ISL-QCD-G500W	500 W	75,000 lm	732 × 439 × 290 mm
ISL-QCD-G600W	600 W	90,000 lm	732 × 439 × 290 mm
ISL-QCD-G800W	800 W	120,000 lm	732 × 439 × 290 mm
ISL-QCD-G1000W	1000 W	150,000 lm	732 × 439 × 290 mm
ISL-QCD-G1200W	1200 W	180,000 lm	732 × 666 × 290 mm
ISL-QCD-G1500W	1500 W	225,000 lm	732 × 666 × 290 mm
ISL-QCD-G1800W	1800 W	270,000 lm	732 × 666 × 290 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-G400W	QCD-G500W	QCD-G600W	QCD-G800W
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° / 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	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	718 × 214 × 222 mm	732 × 439 × 290 mm	732 × 439 × 290 mm	732 × 439 × 290 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 / 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

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-G1000W	QCD-G1200W	QCD-G1500W	QCD-G1800W
Electrical & light source				
Rated power	1000 W	1200 W	1500 W	1800 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	150,000 lm	180,000 lm	225,000 lm	270,000 lm
Construction & dimensions				
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	732 × 439 × 290 mm	732 × 666 × 290 mm	732 × 666 × 290 mm	732 × 666 × 290 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 / 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

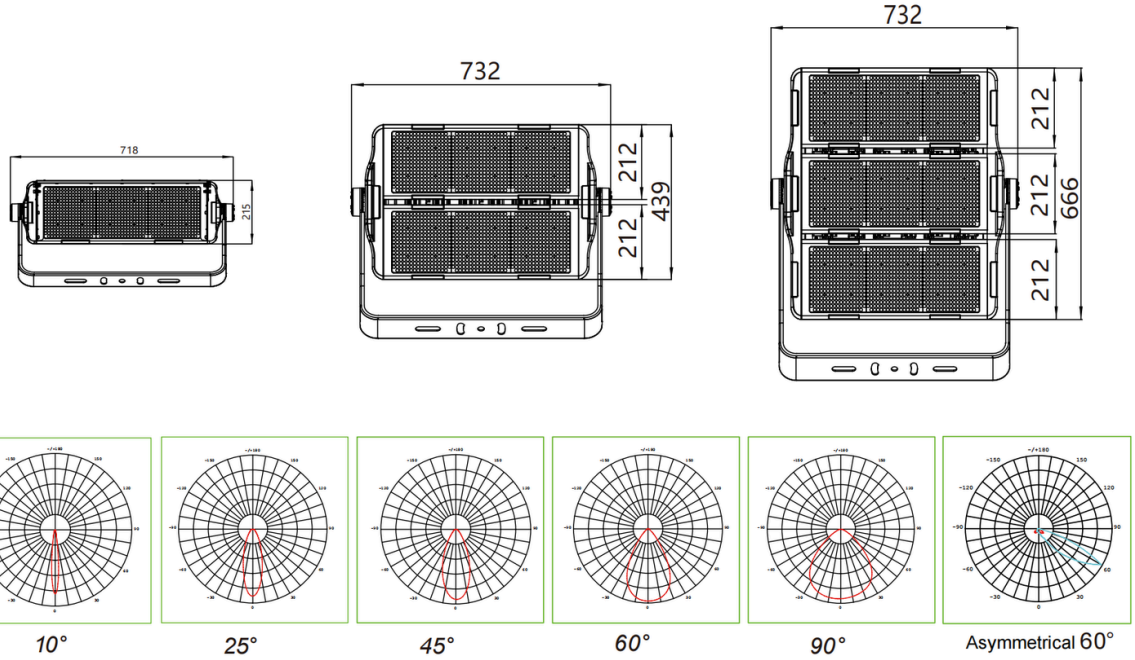
- Technical values are copied from the SKYWING SF07 Sports & High Mast Light series data; optics, CCT and control options are confirmed on the order.
- Beam angle, CCT, CRI and glass are options within one ordering code.
- Dimension drawings and polar plots are the supplier artwork, reproduced for this 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

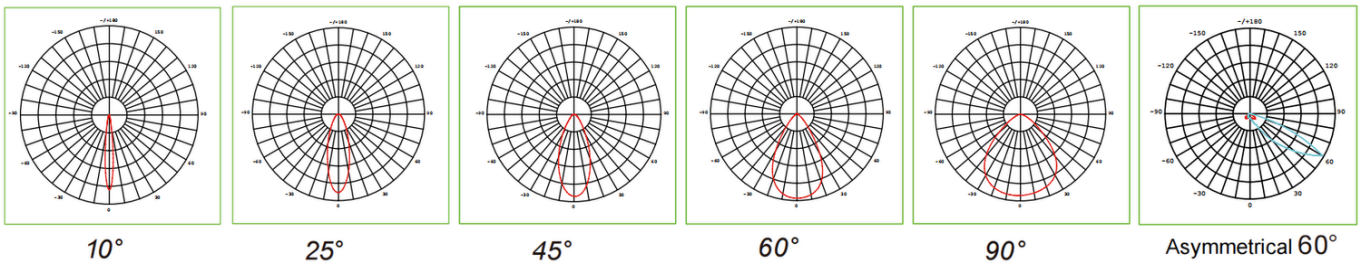
DIMENSIONS

04



Dimension · 718×214×222mm to 732×666×290mm

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.

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 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.



IN THIS DATASHEET

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

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

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-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

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.

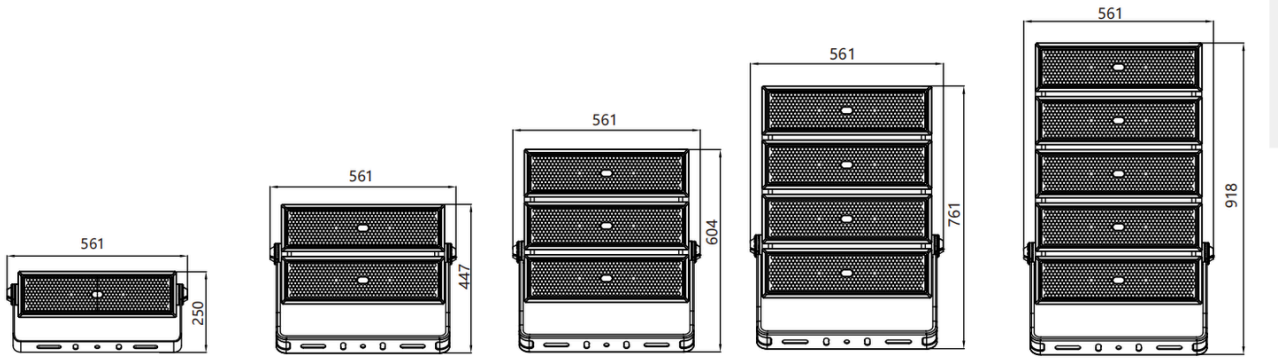
Model	QCD-H1500W
Electrical & light source	
Rated power	1500 W
Input voltage	AC100-277V, 50/60Hz
LED brand	Lumileds / Osram
Driver / control	1-10V, DALI
Surge protection	10-20 kV
Photocell	Yes
Optical performance	
CCT	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	10° / 15° / 25° / 45° / 60° / 90° / 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.

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

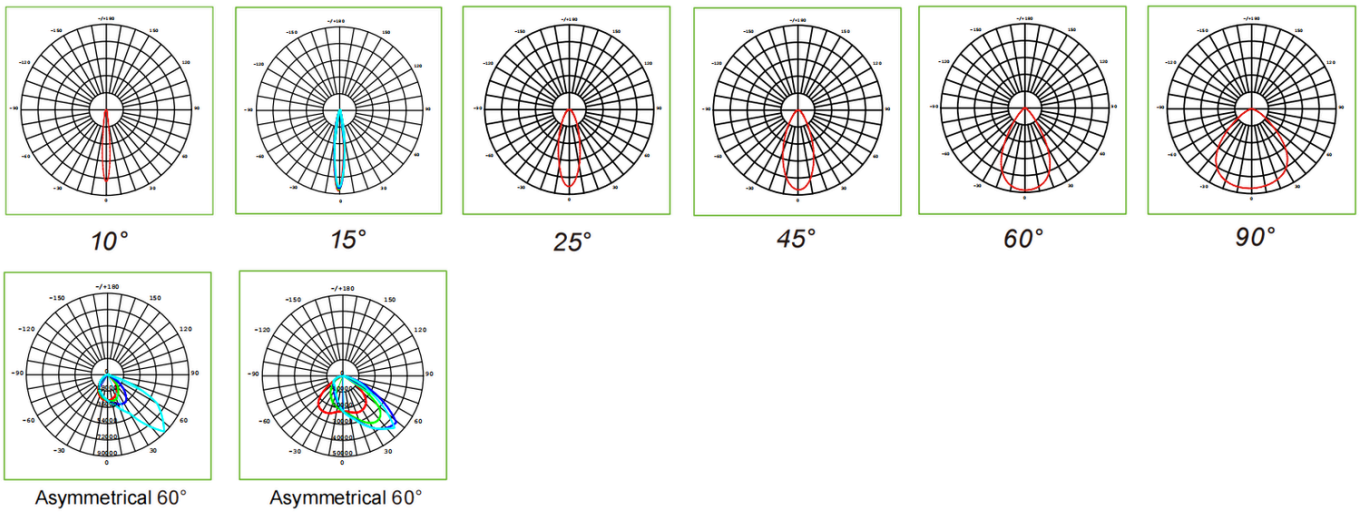
DIMENSIONS

04



Dimension · 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.

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

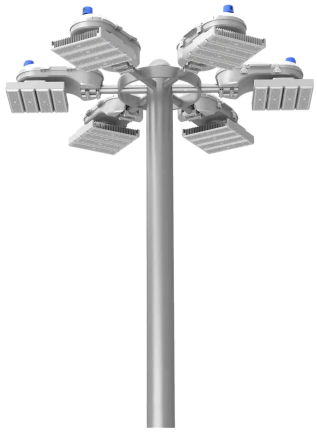
E-ABLE POWER / HIGH MAST / SKYWING

SKYWING SF09

High Mast LED Light · 400–800 W · IP66 / IK08

SKYWING SF09 is a die-cast ADC12 high-mast LED light family documented from 400W to 800W in three models.

The catalog lists six optical distributions — 30°, 45°, 60°, 90°, 140×80° and 120×40×60° — for controlled area and spill-light control.



IN THIS DATASHEET

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

KEY FEATURES

01

400W–800W range — Three documented models for large-area sports and high-mast applications.

Six optics — 30°, 45°, 60°, 90°, 140×80° and 120×40×60° distributions.

Die-cast ADC12 — Cast-aluminium housing with excellent thermal management.

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

MODEL RANGE

Ordering code	Rated power	Luminous flux	Fixture size
ISL-SF09-A-400W	400 W	56,000 lm	672 × 430 × 304 mm
ISL-SF09-A-600W	600 W	84,000 lm	672 × 430 × 304 mm
ISL-SF09-A-800W	800 W	112,000 lm	728 × 430 × 304 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.

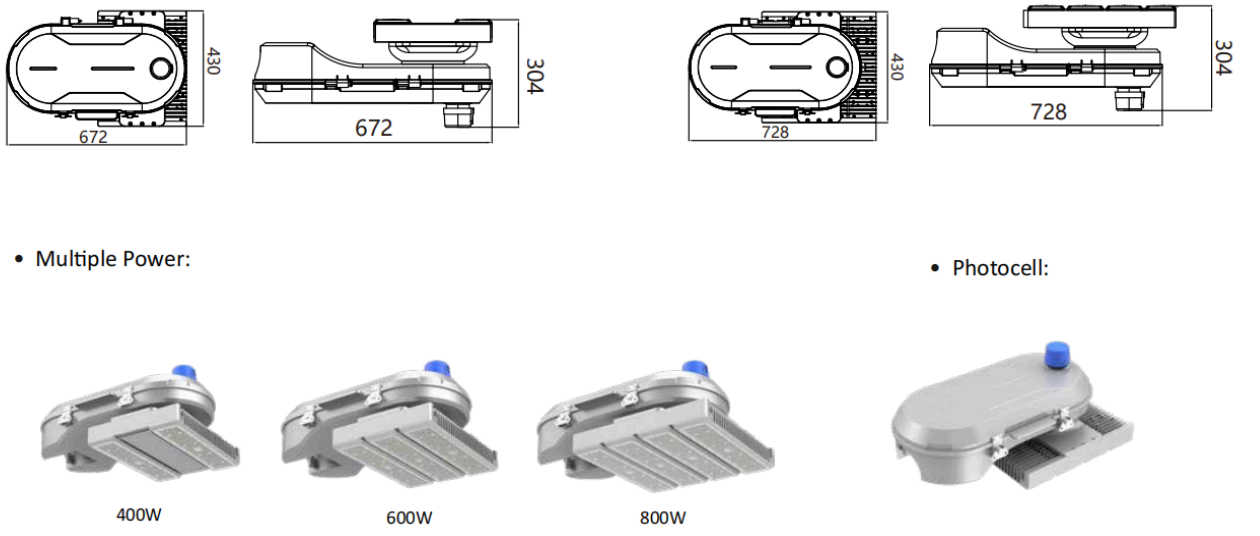
Model	SF09-A-400W	SF09-A-600W	SF09-A-800W
Electrical & light source			
Rated power	400 W	600 W	800 W
Input voltage	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz
LED brand	Lumileds	Lumileds	Lumileds
Driver / control	1-10V, DALI	1-10V, DALI	1-10V, DALI
Surge protection	10-20 kV	10-20 kV	10-20 kV
Photocell	Yes	Yes	Yes
Optical performance			
CCT	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	30° / 45° / 60° / 90° / 140 × 80° / 120 × 40 × 60°	30° / 45° / 60° / 90° / 140 × 80° / 120 × 40 × 60°	30° / 45° / 60° / 90° / 140 × 80° / 120 × 40 × 60°
CRI	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)
Luminous flux	56,000 lm	84,000 lm	112,000 lm
Construction & dimensions			
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	672 × 430 × 304 mm	672 × 430 × 304 mm	728 × 430 × 304 mm
Lens material	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)
Operating, options & certification			
IP rating	IP66	IP66	IP66
IK rating	IK08	IK08	IK08
Life span	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

- Technical values are copied from the SKYWING SF09 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.

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

03

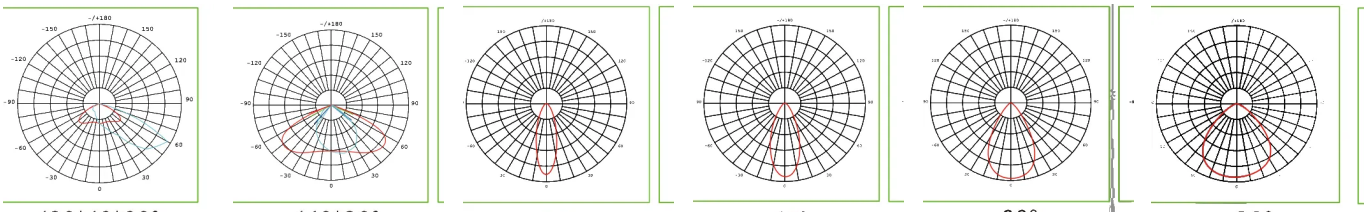


- Multiple Power:

400W 600W 800W

- Photocell:

LIGHT DISTRIBUTION



120*40*60° 140*80° 30° 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.

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 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.



IN THIS DATASHEET

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

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

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	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

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.

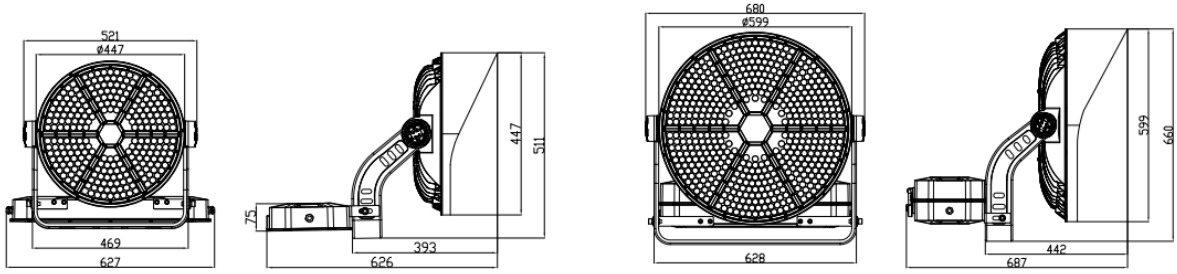
Model	SF10-A-1000W	SF10-A-1200W
Electrical & light source		
Rated power	1000 W	1200 W
Input voltage	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz
LED brand	Lumileds / Osram	Lumileds / Osram
Driver / control	1-10V, DALI	1-10V, DALI
Surge protection	10-20 kV	10-20 kV
Photocell	Yes	Yes
Optical performance		
CCT	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.

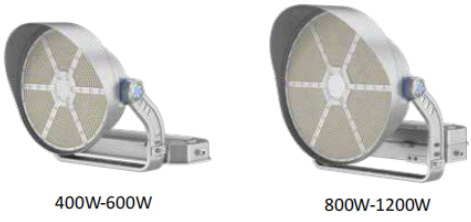
LISHUI E-ABLE POWER EQUIPMENT CO., LTD
No.368, Chengbei Road, Liandu District, 323000, Lishui City, Zhejiang, China
www.e-ablepower.com | arthur@e-ablepower.com | WhatsApp +86 153 5558 9600

DIMENSIONS

04



- Multiple Power:



400W-600W

800W-1200W

- Driver Options:



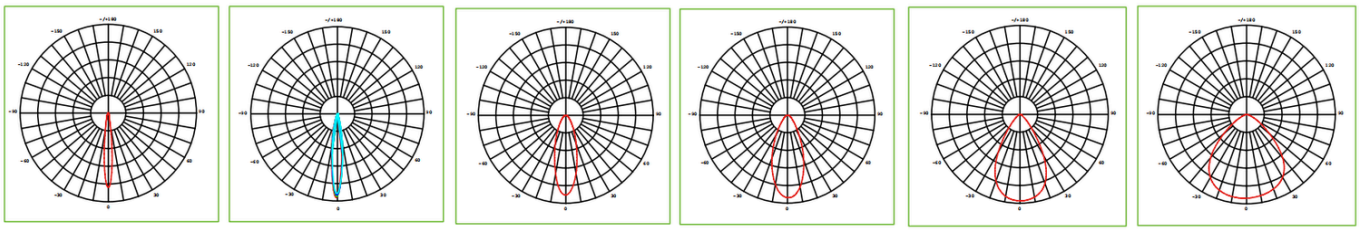
Individual Driver



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.

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 SF11

Sports & High Mast Light · 400–2400 W · IP66 / IK08

SKYWING SF11 is a sports and high-mast LED light family documented from 400W to 2400W in ten models, with symmetric 10°, 15°, 25°, 45°, 60° and 90° optics plus a professional asymmetric 60° distribution.

The family uses a die-cast ADC12 housing with removable and remotely mountable driver boxes, 4mm tempered glass, 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 Technical data p. 4
05 Dimensions & optics p. 5

KEY FEATURES

01

400W–2400W range — Ten documented models for large-area sports and high-mast applications.

Removable driver box — Tool-free access, individual or multi-driver options and ceiling mounting bracket.

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-SF11-A-400W	400 W	60,000 lm	775 × 290 × 230 mm
ISL-SF11-A-500W	500 W	75,000 lm	775 × 290 × 230 mm
ISL-SF11-A-600W	600 W	84,000 lm	775 × 290 × 230 mm
ISL-SF11-A-800W	800 W	120,000 lm	775 × 420 × 393 mm
ISL-SF11-A-1000W	1000 W	150,000 lm	775 × 420 × 393 mm
ISL-SF11-A-1200W	1200 W	168,000 lm	775 × 420 × 393 mm
ISL-SF11-A-1500W	1500 W	225,000 lm	775 × 535 × 547 mm
ISL-SF11-A-1800W	1800 W	270,000 lm	775 × 535 × 547 mm
ISL-SF11-A-2000W	2000 W	300,000 lm	775 × 613 × 717 mm
ISL-SF11-A-2400W	2400 W	360,000 lm	775 × 613 × 717 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	SF11-A-400W	SF11-A-500W	SF11-A-600W	SF11-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° / 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	60,000 lm	75,000 lm	84,000 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	775 × 290 × 230 mm	775 × 290 × 230 mm	775 × 290 × 230 mm	775 × 420 × 393 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 / 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

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	SF11-A-1000W	SF11-A-1200W	SF11-A-1500W	SF11-A-1800W
Electrical & light source				
Rated power	1000 W	1200 W	1500 W	1800 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	150,000 lm	168,000 lm	225,000 lm	270,000 lm
Construction & dimensions				
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	775 × 420 × 393 mm	775 × 420 × 393 mm	775 × 535 × 547 mm	775 × 535 × 547 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 / 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

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

04

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

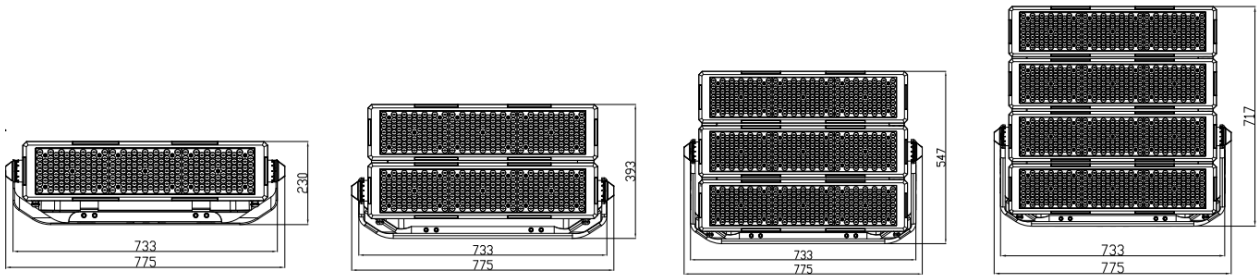
Model	SF11-A-2000W	SF11-A-2400W
Electrical & light source		
Rated power	2000 W	2400 W
Input voltage	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz
LED brand	Lumileds / Osram	Lumileds / Osram
Driver / control	1-10V, DALI	1-10V, DALI
Surge protection	10-20 kV	10-20 kV
Photocell	Yes	Yes
Optical performance		
CCT	3000K / 4000K / 5000K / 5700K / 6500K	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°	10° / 15° / 25° / 45° / 60° / 90° / Asymmetric 60°
CRI	Ra ≥ 80 (70/90 optional)	Ra ≥ 80 (70/90 optional)
Luminous flux	300,000 lm	360,000 lm
Construction & dimensions		
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	775 × 613 × 717 mm	775 × 613 × 717 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 / CB / CE / ENEC / SAA / FCC / RoHS	UL / CQC / CB / CE / ENEC / SAA / FCC / RoHS

- Technical values are copied from the SKYWING SF11 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

05



- Multiple Power:



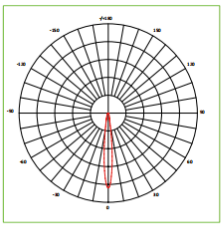
400W-600W 800W-1200W 1200W-1800W 1600W-2400W

- Ceiling Mounting Bracket

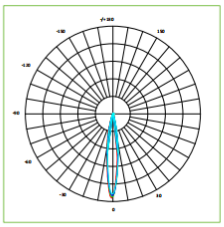


Dimension · 775×290mm to 775×613mm

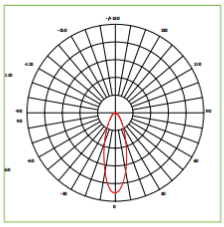
LIGHT DISTRIBUTION



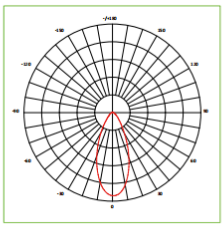
10°



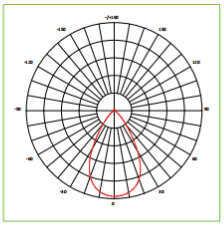
15°



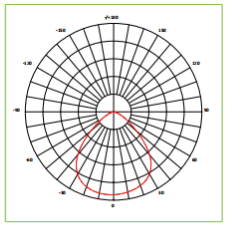
25°



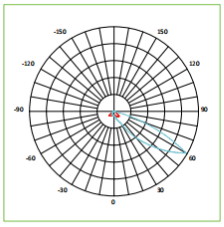
45°



60°



90°



Asymmetrical 60°

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.

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 SF13

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

SKYWING SF13 replaceable module fixtures SKYWING SF13 is a replaceable, power-adjustable sports and high-mast LED light family documented from 250W to 1250W in five models, with 10°, 15°, 25°, 45°, 60°, 90° and 65×25° 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.



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 with adjustable power per module.

Power adjustable — Each module adjustable to 100%, 75% or 50% power for site tuning.

SKD easy assembly — Two modules, connection parts, bracket and Z-connect cables for quick on-site assembly.

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

MODEL RANGE

Ordering code	Rated power	Luminous flux	Fixture size
ISL-SF13-250W	250 W	33,600 lm	558 × 293 × 93 mm
ISL-SF13-500W	500 W	67,200 lm	558 × 457 × 93 mm
ISL-SF13-750W	750 W	100,800 lm	558 × 621 × 93 mm
ISL-SF13-1000W	1000 W	134,000 lm	558 × 784 × 93 mm
ISL-SF13-1250W	1250 W	175,000 lm	558 × 948 × 93 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	SF13-250W	SF13-500W	SF13-750W	SF13-1000W
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° / 15° / 25° / 45° / 60° / 90° / 65 × 25°	10° / 15° / 25° / 45° / 60° / 90° / 65 × 25°	10° / 15° / 25° / 45° / 60° / 90° / 65 × 25°	10° / 15° / 25° / 45° / 60° / 90° / 65 × 25°
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	134,000 lm
Construction & dimensions				
Housing	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12	Die-cast aluminum ADC12
Fixture size	558 × 293 × 93 mm	558 × 457 × 93 mm	558 × 621 × 93 mm	558 × 784 × 93 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 / TUV / CB / CE / ENEC / SAA / FCC / RoHS	CQC / TUV / CB / CE / ENEC / SAA / FCC / RoHS	CQC / TUV / CB / CE / ENEC / SAA / FCC / RoHS	CQC / TUV / 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.

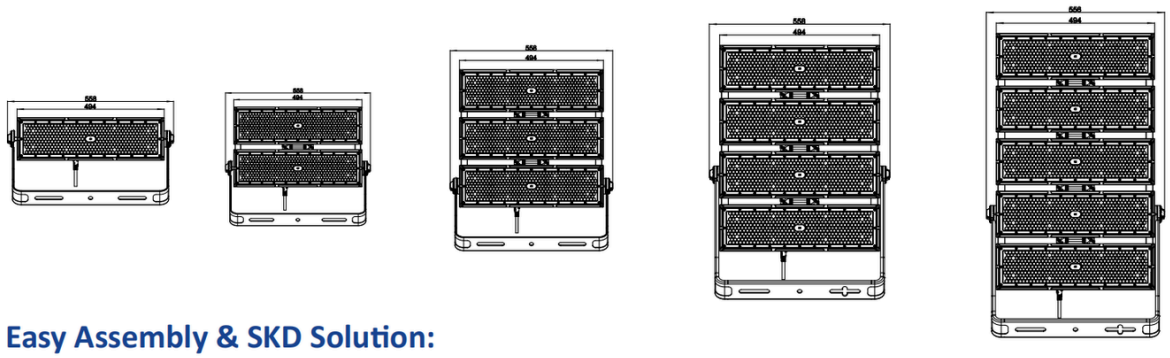
Model	SF13-1250W
Electrical & light source	
Rated power	1250 W
Input voltage	AC100-277V, 50/60Hz
LED brand	Lumileds / Osram
Driver / control	1-10V, DALI
Surge protection	10-20 kV
Photocell	Yes
Optical performance	
CCT	3000K / 4000K / 5000K / 5700K / 6500K
Beam angle	10° / 15° / 25° / 45° / 60° / 90° / 65 × 25°
CRI	Ra ≥ 80 (70/90 optional)
Luminous flux	175,000 lm
Construction & dimensions	
Housing	Die-cast aluminum ADC12
Fixture size	558 × 948 × 93 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 / TUV / CB / CE / ENEC / SAA / FCC / RoHS

- Technical values are copied from the SKYWING SF13 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

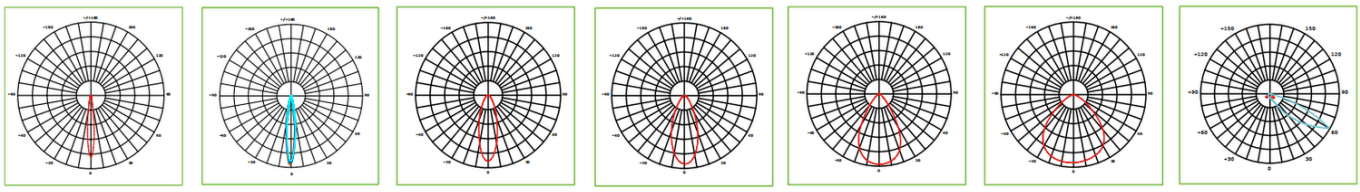


Easy Assembly & SKD Solution:



Dimension · 558×293mm to 558×948mm modules

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.

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

E-ABLE POWER / HIGH MAST & FLOODLIGHT / MODULE

NOVA MFL02

Module Flood Light · 50–500 W · IP66 / IK08 · AC 100–277 V

A modular LED floodlight for tunnels, ports, yards and high-mast towers. Each modular head is a self-contained die-cast module with its own polycarbonate lens and LED board, so the fixture scales from a single 50 W head to a 500 W array on the same bracket family. Beam angle, CCT and glass are options within one ordering code.

Input is AC 100–277 V, 50–60 Hz through a Meanwell or Sosen driver at > 0.95 power factor and 92 % driver efficiency; CRI is 70+ or 80, and the optical system offers 25°, 45°, 60° and 90° symmetric distributions plus the two asymmetric variants.



IN THIS DATASHEET

02 Technical data p. 2
03 Technical data p. 3
04 Dimensions p. 4
05 Optics & ordering p. 5

IP66	IK08	6 kV	140–150	60,000 h	5 yr
INGRESS	IMPACT	SURGE	LM/W	LIFESPAN	WARRANTY

KEY FEATURES

01

Die-cast heat sink — ADC12 die-cast body with a deep fin stack for thermal management.

Embedded cable raceway — The cable runs inside the bracket, so the layout stays tidy on site.

IP66 / IK08 — Polycarbonate lens rated IK08 with IP66 ingress protection and 6 kV surge protection.

Module structure — Four independent LED modules on one bracket; concise appearance and easy maintenance.

Adjustable bracket — Widely adjustable mounting bracket with a degree indicator for aiming.

Up to 5 years warranty — Branded SMT LEDs and Meanwell / Sosen drivers, 60,000 h rated life.

TYPICAL APPLICATIONS

Tunnel & underpass · Port & terminal · Sports field · Warehouse & yard · High mast tower · Industrial exterior

MODEL RANGE

Ordering code	Power	Efficacy	Fixture size	Net / gross
ISL-SDD-B50W/60W	50 W / 60 W	140 lm/W (±5%)	L133 × W372 × H97 mm	2.75 kg / 3.10 kg
ISL-SDD-B100W/120W	100 W / 120 W	140 lm/W (±5%)	L220 × W372 × H97 mm	3.75 kg / 4.15 kg
ISL-SDD-B150W/180W	150 W / 180 W	140 lm/W (±5%)	L310 × W372 × H97 mm	4.75 kg / 5.75 kg
ISL-SDD-B200W/240W	200 W / 240 W	140 lm/W (±5%)	L398 × W372 × H97 mm	6.01 kg / 6.61 kg
ISL-SDD-B240W/300W	240 W / 300 W	150 lm/W	L486 × W372 × H97 mm	7.05 kg / 7.75 kg
ISL-SDD-B400W	400 W	150 lm/W	L399 × W690 × H95 mm	—
ISL-SDD-B500W	500 W	150 lm/W	L487 × W690 × H95 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

Values are reproduced from the factory datasheet. Beam angle, CCT, CRI and glass are options within one ordering code; luminous flux is quoted in the IES file for the ordered configuration.

Model	B50W/60W	B100W/120W	B150W/180W	B200W/240W
Optical data				
Power	50 W / 60 W	100 W / 120 W	150 W / 180 W	200 W / 240 W
LED chips	LUMILEDS	LUMILEDS	LUMILEDS	LUMILEDS
Luminous efficacy	140 lm/W (±5%)	140 lm/W (±5%)	140 lm/W (±5%)	140 lm/W (±5%)
Luminous flux	Refer to IES	Refer to IES	Refer to IES	Refer to IES
CCT	3000K–6000K	3000K–6500K	3000K–6000K	3000K–6000K
Beam angle	25° / 45° / 60° / 90° / 80°×150° / 90°×120°	25° / 45° / 60° / 90° / 80°×150° / 90°×120°	25° / 45° / 60° / 90° / 80°×150° / 90°×120°	25° / 45° / 60° / 90° / 80°×150° / 90°×120°
CRI (Ra)	70+ / 80	70+ / 80	70+ / 80	70+ / 80
Electrical data				
Driver	Meanwell / Sosen	Meanwell / Sosen	Meanwell / Sosen	Meanwell / Sosen
Input voltage	AC 100–277 V, 50–60 Hz	AC 100–277 V, 50–60 Hz	AC 100–277 V, 50–60 Hz	AC 100–277 V, 50–60 Hz
Power factor	> 0.95	> 0.95	> 0.95	> 0.95
Output voltage	DC 45 V	DC 45 V	DC 45 V	DC 45 V
Driver efficiency	92 %	92 %	92 %	92 %
Total harmonic distortion	< 15 %	< 15 %	< 15 %	< 15 %
Construction				
IP rating	IP66	IP66	IP66	IP66
Lifespan	60,000 h	60,000 h	60,000 h	60,000 h
Housing	ADC12 die-cast aluminium	ADC12 die-cast aluminium	ADC12 die-cast aluminium	ADC12 die-cast aluminium
Lens material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Fixture size	L133 × W372 × H97 mm	L220 × W372 × H97 mm	L310 × W372 × H97 mm	L398 × W372 × H97 mm

FIXTURE VIEWS

REAR / SIDE



Rear view — die-cast fins and cable raceway



Side view — bracket and degree indicator

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

Continuation of the model matrix: the three largest models, with packing data.

Model	B240W/300W	B400W	B500W
Optical data			
Power	240 W / 300 W	400 W	500 W
LED chips	LUMILEDS	LUMILEDS	LUMILEDS
Luminous efficacy	150 lm/W	150 lm/W	150 lm/W
Luminous flux	Refer to IES	Refer to IES	Refer to IES
CCT	3000K–6000K	3000K–6000K	3000K–6000K
Beam angle	25° / 45° / 60° / 90° / 80°×150° / 90°×120°	25° / 45° / 60° / 90° / 80°×150° / 90°×120°	25° / 45° / 60° / 90° / 80°×150° / 90°×120°
CRI (Ra)	70+ / 80	70+ / 80	70+ / 80
Electrical data			
Driver	Meanwell / Sosen	Meanwell / Sosen	Meanwell / Sosen
Input voltage	AC 100–277 V, 50–60 Hz	AC 100–277 V, 50–60 Hz	AC 100–277 V, 50–60 Hz
Power factor	> 0.95	> 0.95	> 0.95
Output voltage	DC 45 V	DC 45 V	DC 45 V
Driver efficiency	92 %	92 %	92 %
Total harmonic distortion	< 15 %	< 15 %	< 15 %
Construction & packing			
IP rating	IP66	IP66	IP66
Lifespan	60,000 h	60,000 h	60,000 h
Housing	ADC12 die-cast aluminium	ADC12 die-cast aluminium	ADC12 die-cast aluminium
Lens material	Polycarbonate	Polycarbonate	Polycarbonate
Fixture size	L486 × W372 × H97 mm	L399 × W690 × H95 mm	L487 × W690 × H95 mm
Carton size	537 × 398 × 145 mm	—	—
Net weight	7.05 kg	—	—
Gross weight	7.75 kg	—	—

- Carton size, net weight and gross weight are not printed for the 400 W and 500 W models in the factory datasheet; they are supplied with the shipping documents.
- Luminous flux is configuration dependent: the IES file for the ordered beam angle, CCT and glass option is the reference.
- The factory prints the two asymmetric charts as 140°×80° and 120°×90° while the specification table states 80°×150° and 90°×120°; confirm the asymmetric optic with the factory before ordering.
- Drivers are Meanwell or Sosen depending on availability; the datasheet value applies to both.

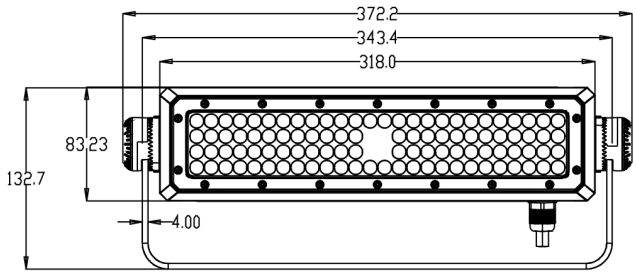
E-AblePower Technology

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

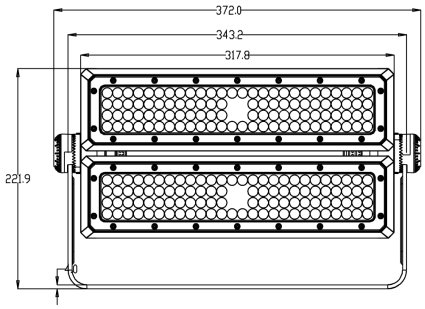
DIMENSIONS

7 MODELS

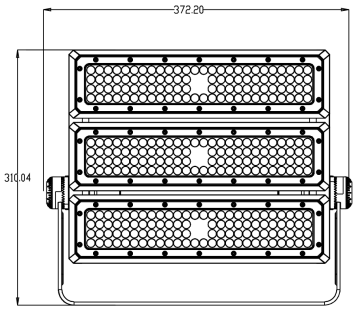
Overall and mounting dimensions in mm, as drawn by the factory. The bracket is adjustable; the degree indicator on the side sets the aiming angle.



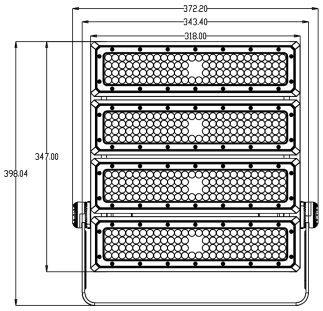
ISL-SDD-B50W/60W · L133 × W372 × H97 mm



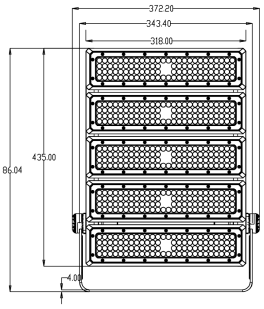
ISL-SDD-B100W/120W · L220 × W372 × H97 mm



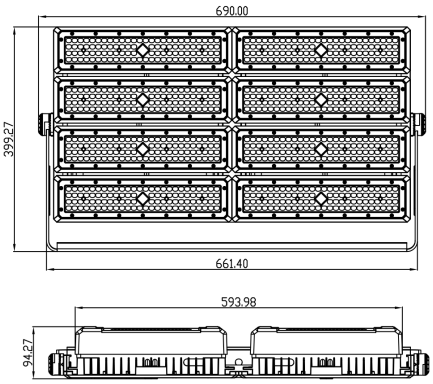
ISL-SDD-B150W/180W · L310 × W372 × H97 mm



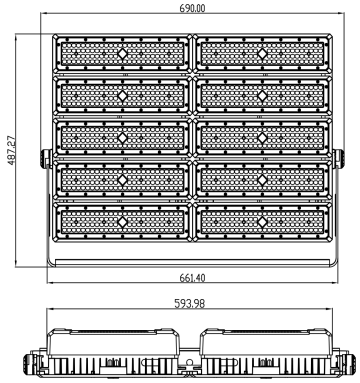
ISL-SDD-B200W/240W · L398 × W372 × H97 mm



ISL-SDD-B240W/300W · L486 × W372 × H97 mm



ISL-SDD-B400W · L399 × W690 × H95 mm



ISL-SDD-B500W · L487 × W690 × H95 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

CONSTRUCTION DETAIL

GLASS OPTION



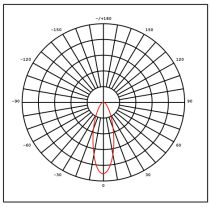
Without tempered glass



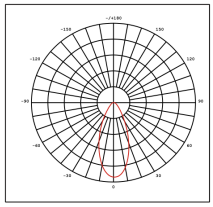
With tempered glass (option)

LIGHT DISTRIBUTION

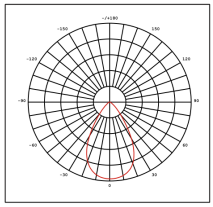
6 OPTICS



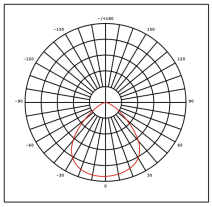
25°



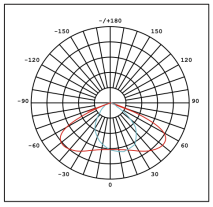
45°



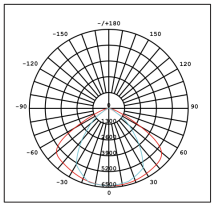
60°



90°



140*80°



120*90°

ORDERING AND OPTIONS

- **Power:** 50/60, 100/120, 150/180, 200/240, 240/300, 400 and 500 W — seven ordering codes.
- **Optics:** 25°, 45°, 60° and 90° symmetric, plus two asymmetric distributions.
- **CCT:** 3000K–6500K depending on the model; **CRI:** 70+ or 80.
- **Glass:** with or without tempered glass; **Driver:** Meanwell or Sosen.
- **Mounting:** adjustable bracket with degree indicator; cable raceway integrated in the bracket.

Specifications are nominal and may change without notice. The contractual revision is the one confirmed in the order acknowledgement. Draft R02 for internal review.

APPLICATION REFERENCE

TUNNEL



Tunnel and underpass lighting · factory application image