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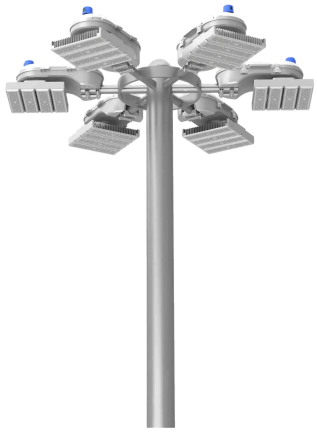
E-ABLE POWER / HIGH MAST / SKYWING

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.



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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

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TECHNICAL DATA

02

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

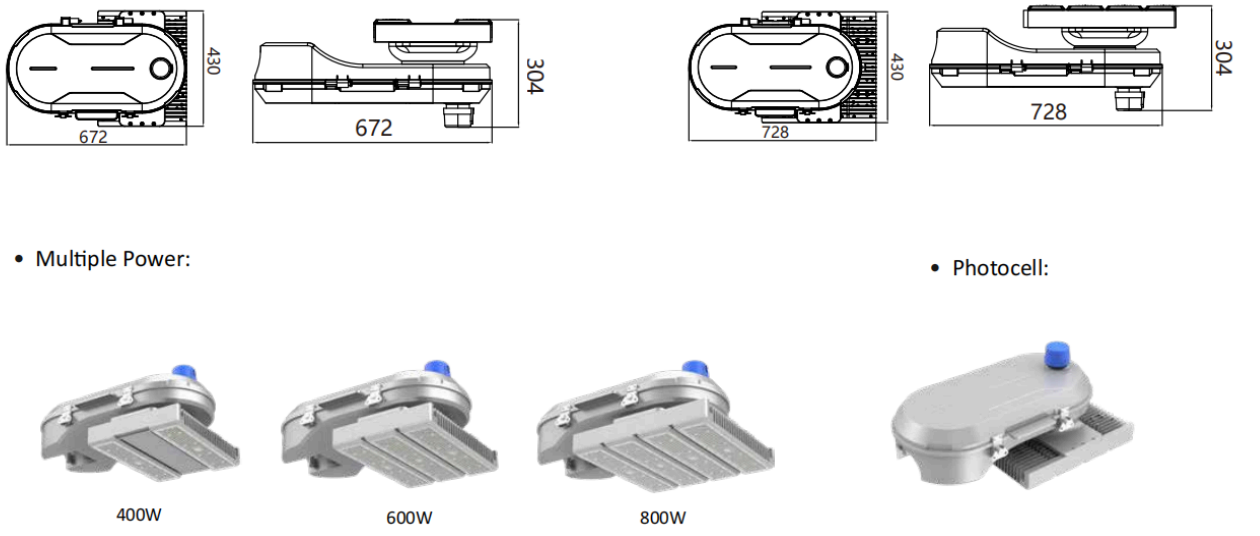
Model	SF09-A-400W	SF09-A-600W	SF09-A-800W
Electrical & light source			
Rated power	400 W	600 W	800 W
Input voltage	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz	AC100-277V, 50/60Hz
LED brand	Lumileds	Lumileds	Lumileds
Driver / control	1-10V, DALI	1-10V, DALI	1-10V, DALI
Surge protection	10-20 kV	10-20 kV	10-20 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.

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DIMENSIONS

03

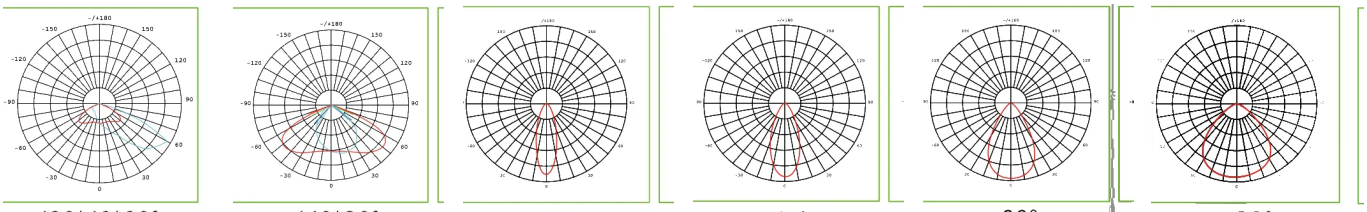


- Multiple Power:

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.