LED STADIUM LIGHT

Caelum GF500W



STADIUM-GRADE PERFORMANCE

A high-output LED floodlight for sports stadiums, football pitches, tennis courts, arenas, training grounds and large outdoor areas.

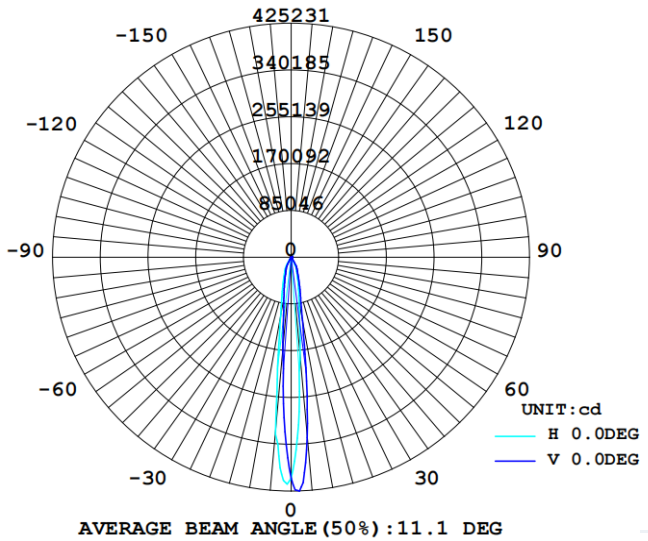
500 W	62,500 lm	IP66	7 years
RATED POWER	LUMINOUS FLUX	INGRESS PROTECTION	WARRANTY

Product features

- High-density LED array delivers up to 125 lm/W for tall masts and long throws.
- Adjustable aiming bracket with engraved angle scale for precise aiming.
- Precision PMMA optics available in 10° / 15° / 25° / 40° / 60° beams.
- Die-cast aluminium housing with finned heat sink for stable thermal performance.
- Separate metal driver enclosure; hot-swappable power supply.
- Flicker-free output (< 5%) suitable for HDTV broadcast and multi-camera use.

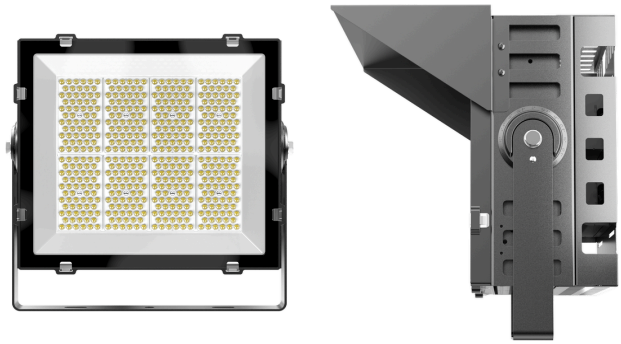
Photometry & dimensions

LIGHT DISTRIBUTION



Photometric distribution (as supplied)

PRODUCT VIEWS



Product views — see table for rated dimensions

Main technical data

Electrical & photometric data

Rated power	**500 W (±5%)**
Luminous flux	**62,500 lm (±5%)**
Colour temperature	**3,000 – 6,500 K**
Light distribution	**Asymmetric**
Beam angle	**10° / 15° / 25° / 40° / 60°**
Colour rendering index (CRI)	**> 80**
Current type	**AC**
Input voltage	**100 – 305 V**
Frequency	**50 Hz**
Power factor (PF)	**0.98**
Flicker coefficient	**< 5%**
Electrical protection class	**Class I (IEC 60598-1:2017)**
Surge immunity (L/N–PE)	**10 kV (IEC 61000-4-5)**

Operating conditions

Ingress protection	**IP66**
Operating temperature	**–40 to +50 °C**
Recommended installation height	**15 – 45 m**
Rated lifespan	**> 100,000 h**
Salt spray resistance	**C4**
Warranty	**7 years**

Construction & installation

Housing material	**Die-cast aluminium**
Optical element material	**UV-stabilised polycarbonate**
Diffuser material	**—**
Finish / colour	**Black (RAL 9005) or customized**
Dimensions (L × W × H)	**515 × 372 × 163 mm**
Mounting type	**Adjustable yoke bracket**
Net weight	**19 kg**

MANUFACTURER

GR Lighting Co., Ltd.

CONTACT & ADDRESS

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