

Caravel Mk2 Series

High Mast LED Sports Light

With wide area illumination, the Caravel Series LED Sports Light is perfect for large area lighting applications that require extremely high quality, even light distribution, with very low glare. Using the latest Lumiled LED 3030 chip technology, the Caravel delivers excellent luminaire efficiency and thermal management with a premium extruded aluminium heat sink. This high efficiency combined with an indirect asymmetric light distribution for reduced glare, make it an ideal solution for sports applications such as tennis courts.



FEATURES AND BENEFITS

- **High ingress protection.** IP66 rated for high durability outdoors.
- **Indirect asymmetric beam angle.** Provides low glare, optimised beam angle spread with enhanced, more efficient lighting distribution and less light spillage.
- **Excellent luminaire efficiency.** Up to 140 lumens per watt.
- **High colour rendering options.** 70 CRI.
- **Great option for retrofitting.** Due to lightweight design and accessory options.
- **Premium Mean Well driver solution.**
- **Exceptional heat dissipation.** Critical to any high wattage LED solution is thermal management, delivered in this product by premium extruded aluminium heat sinks.
- **Tempered glass lens.** Impact and heat resistant with no chance of discolouration over time.
- **Lifetime rating of 100,000 hours.**

SPECIFICATIONS

| Model | AHM-M2-400W-40 AHM-M2-400W-50 AHM-M2-400W-57 | AHM-M2-500W-40 AHM-M2-500W-50 AHM-M2-500W-57 | AHM-M2-700W-40 AHM-M2-700W-50 AHM-M2-700W-57 |
|--------------------|--|--|--|
| Power consumption | 400W | 500W | 700W |
| Output | 56,000 lm | 70,000 lm | 98,000 lm |
| Efficiency | 140 lm/W | 140 lm/W | 140 lm/W |
| Dimensions | (L)659 x (W)372 x (H)99mm | (L)749x (W)372 x (H)99mm | (L)500x (W)750 x (H)99mm |
| Weight | 11.5kg (remote driver) 12.8kg (whole fixture) | 13kg (remote driver) 13.9kg (whole fixture) | 16.6kg (remote driver) 18kg (whole fixture) |
| Windage | 0.107m ² | 0.123m ² | 0.174m ² |
| Colour temperature | 4000K, 5000K, 5700K | | |
| CRI | >70 | | |
| Beam angle | Asymmetric | | |
| IP rating | IP66 | | |
| IK rating | IK10 | | |
| Lifetime rating | 100,000 hours* | | |
| Warranty | Five years (can be extended to 10 years) | | |

* Lifetime rating is based on LM80-15 Calculated L70.

INDUSTRIES



Sport, hospitality, education and industrial.

OLD LIGHT TECHNOLOGIES




Metal halide and mercury vapour (HID) and metal halide type 2.

ACCESSORIES

15KV SPD voltage protection 

180° vertical bracket 

180° horizontal brace 


Round pole mounting arm 

Back shield 

Swivel bracket 

Adapter for square to round pole 

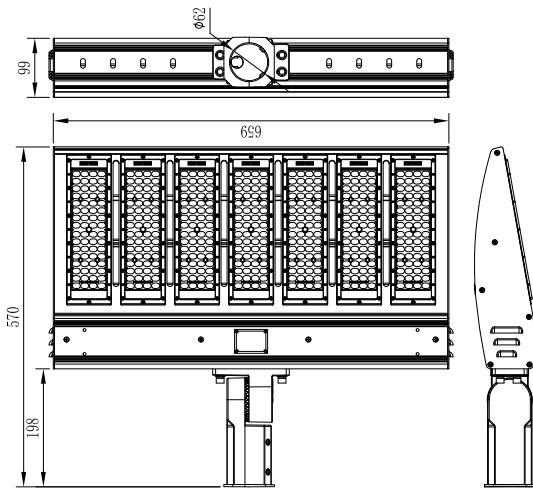
90° vertical bracket 

Square pole mounting arm 

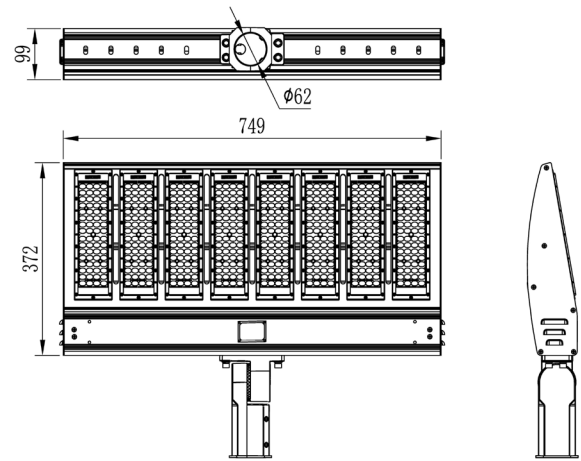


PRODUCT DIMENSIONS

400W



500W



700W

