

# Caravel Series

## High Mast LED Floodlight

With wide area illumination, the Caravel Series LED Floodlight is perfect for large area flood 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 field applications such as tennis courts.



### FEATURES AND BENEFITS

- **High ingress protection.** IP65 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 129 lumens per watt.
- **High colour rendering options.** 70, 80 or 90 CRI available.
- **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-450W-xx	AHM-600W-xx	AHM-800W-xx
Power consumption	450W	600W	800W
Output	58,000 lm	77,000 lm	102,000 lm
Efficiency	129 lm/W	128 lm/W	127 lm/W
Dimensions	(L)682 x (W)466 x (H)152mm	(L)710x (W)715 x (H)170mm	
Weight	15kg (remote driver) 20kg (whole fixture)	23.5kg (remote driver) 32.4kg (whole fixture)	23.5kg (remote driver) 33.75kg (whole fixture)
Windage	0.24m <sup>2</sup>	0.383m <sup>2</sup>	
Colour temperature	4000K, 5700K		
CRI	>70 (>80 or >90 on request)		
Beam angle	Asymmetric		
IP rating	IP65		
IK rating	IK08		
Lifetime rating	100,000 hours		
Warranty	Five years		
ESS accredited	Approved		
VEU accredited	VEU accredited (NBB, Schedule 35)		

### INDUSTRIES



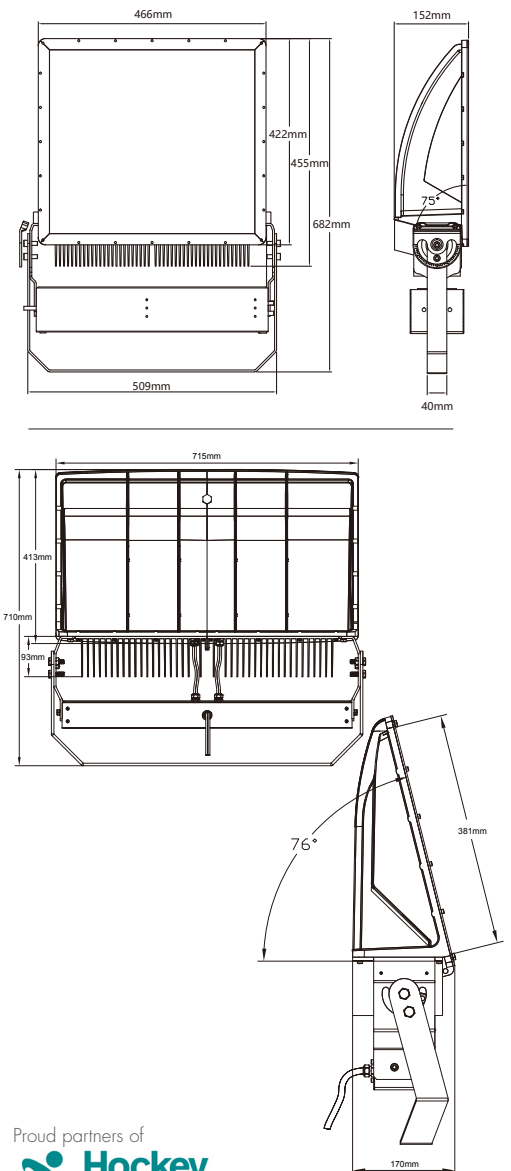
Sport, hospitality, education and industrial.

### OLD LIGHT TECHNOLOGIES



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

### PRODUCT DETAIL



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