

Pahi Series

Round High Mast LED Floodlight

The Pahi Series LED Floodlight is the ideal solution for outdoor stadium and sports field lighting, delivering maintenance-free, professional area flood lighting with a great return on investment. Featuring a high quality lens designed specifically for outdoor use, it is waterproof, dustproof and UV resistant, with enhanced glare control. The Pahi is suitable for many applications including sporting grounds, courts, arenas, golf courses, parks, ports and yards.



FEATURES AND BENEFITS

- **Very low wind area (EPA).**
- **Lightweight, compact design.** Easily replaces pre-existing HID fixtures on existing poles and mounting arms.
- **Excellent heat dissipation.** Low copper die casting aluminium housing with unique hollow design.
- **High ingress protection.** Weather-tight design ensures durability and reliability in harsh environments.
- **Ultra-high efficiency Inventronics driver.** Designed for high input voltage, thermal protection and output lumen compensation.
- **Very high efficiency.** Up to 135 lumens per watt using the latest Osram P8 and Nichia 318 LED chips.
- **High quality PC lens.** UV resistant with enhanced glare control.
- **High surge protection.** Prevents fixture damage in the event of an excessive voltage surge such as lightning.
- **Wide ambient operating temperature.** -40 to +50 degrees Celsius.
- **Laser locator.** Easily adjust light distribution.
- **Sealed housing.** Prevents dust collection and can be cleaned easily.

SPECIFICATIONS

Model	CHM-0600W-xx	CHM-0800W-xx	CHM-1000W-xx	CHM-1200W-xx
Power consumption	600W	800W	1,000W	1,200W
Output	75,000 lm	108,000 lm	115,000 lm	143,000 lm
Efficiency	125 lm/W	135 lm/W	115 lm/W	119 lm/W
Dimensions	Ø 460mm	Ø 460mm	Ø 460mm	Ø 460mm
Weight	18kg (remote driver) 29.9kg (whole fixture)	18kg (remote driver) 31.7kg (whole fixture)	18kg (remote driver) 33.9kg (whole fixture)	18kg (remote driver) 33.9kg (whole fixture)
Windage	0.18m ² 114mm short visor / 0.25m ² 418mm long visor			
Colour temperature	4000K, 5700K			
CRI	>70 (>80 or >90 on request)			
Beam angle	Nichia 15°, 25°, 45° / Osram 15°, 30°			
IP rating	IP65			
IK rating	IK08			
Lifetime rating	>100,000 hours	>86,000 hours	>80,000 hours	>80,000 hours
Warranty	Five years			
ESS accredited	Approved			

xx in the model number stands for colour temperature and it can be 40 (4,000K) or 57 (5,700K).

INDUSTRIES



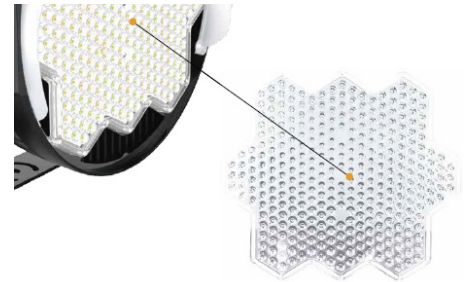
Sport, hospitality, education and industrial.

OLD LIGHT TECHNOLOGIES



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

PRODUCT DETAIL



Single-piece PCB and lens design ensures it is waterproof and dustproof, and provides better glare control.

