

Pahi M Series

Round High Mast LED Floodlight

The Pahi M 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 M 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 or Meanwell driver.** Designed for high input voltage, thermal protection and output lumen compensation.
- **Very high efficiency.** Up to 120 lumens per watt using the latest Osram 3737 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-0300W-xx | CHM-0400W-xx | CHM-0500W-xx | CHM-0600W-xx |
|--------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Power consumption | 300W | 400W | 500W | 600W |
| Output | 36,000 lm | 48,000 lm | 60,000 lm | 69,000 lm |
| Efficiency | 120 lm/W | 120 lm/W | 120 lm/W | 115 lm/W |
| Weight | 9.75kg (remote driver) 14.5kg (whole fixture) | 9.75kg (remote driver) 15.0kg (whole fixture) | 9.75kg (remote driver) 16.4kg (whole fixture) | 9.75kg (remote driver) 16.4kg (whole fixture) |
| Dimensions | Ø 352mm | | | |
| Windage | 0.045 m ² – 0.094 m ² | | | |
| Colour temperature | 4000K, 5700K | | | |
| CRI | >70 (>80 or >90 on request) | | | |
| Beam angle | 25°, 60° | | | |
| IP rating | IP65 | | | |
| IK rating | IK08 | | | |
| Lifetime rating | >100,000 hours | | | |
| Warranty | Five years | | | |

INDUSTRIES



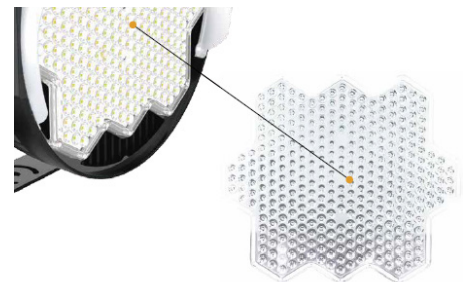
Sport, hospitality, education and industrial.

OLD LIGHT TECHNOLOGIES

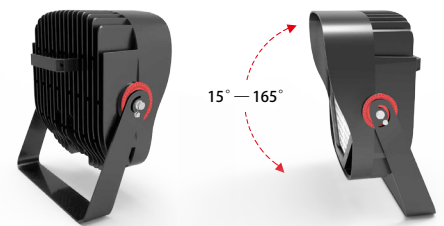


Metal halide and mercury vapour (HID) and metal halide type 2.

PRODUCT DETAIL



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



Adjustable loop mounting bracket rotates 15 to 165 degrees for convenient optical control.

