

H-Flux Series

Mark V LED Highbay

The fifth generation Shine On H-Flux Series delivers up to an amazing 180 lumens per watt. The Mark V utilises cutting edge Nichia GRT-V3 3030 LED chips, along with the latest generation vertically mounted Philips Xitanium driver which provides unrivalled heat dissipation. All combined with a premium, unique 6063 anodised aluminium heat sink. The H-Flux once again sets the benchmark for performance and reliability even in the most demanding environments.

FEATURES AND BENEFITS

- **Highly efficient Philips Xitanium driver with 100,000 hour product lifetime rating and module temperature control.** The ultimate performance in LED driver technology now vertically mounted to provide market-leading heat dissipation and tolerance to high ambient temperatures.
- **Nichia GRT-V3 3030 chips are leading the market in efficiency and product lifetime.** Delivers luminaire efficacy up to 180 lumens per watt with a calculated L70 value of 316,000 hours.
- **High-grade 6063 anodised aluminium alloy.** Provides excellent corrosion resistance, formability and thermal conduction.
- **High quality PC lens.** No micro-cracking or 'milking' of lens over time that will result in lower light output. Reduced risk from glass.
- **Produces 15,710 lumens at 88 watts.** Up to 50% more efficient than competitor highbays.
- **Clip on remote control sensor kit available.** Fully programmable microwave motion sensor using Doppler technology ensures higher detection accuracy and a greater detection range.
- **Compact design and innovative heat sink construction.** Light weight unit by industry standards.
- **Comes with 1-10V dimming input as standard.**
- **Polycarbonate and aluminium reflector options available.**

SPECIFICATIONS

Model	HB-M5-065W-xx	HB-M5-088W-xx	HB-M5-110W-xx	HB-M5-142W-xx	HB-M5-230W-xx
Power consumption [^]	67.1W	88.2W	108.6W	140.2W	229.8W
Output	11,776 lm	15,710 lm	19,587 lm	25,000 lm	40,000 lm
Efficiency	Up to 180 lm/W				
Colour temperature*	5700K				
CRI	>70				
Beam angle	90°				
IP rating	IP65				
Lifetime rating**	100,000 hours				
Warranty	Seven years				

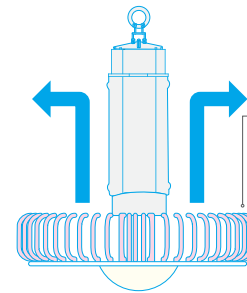
[^] Independently tested by an accredited (NATA MRA) laboratory.

* 4000K available on special request.

** Based on LED driver manufacturer's lifetime rating with Tcase temperature less than 70 degrees celsius.



PRODUCT DETAIL



Unique, innovative heat sink and vertically mounted driver allows airflow through the entire unit, pulling heat away from the LED chips and driver.



Latest generation Nichia GRT-V3 3030 chips

Clip on remote control sensor kit available.



Highly efficient Philips Xitanium driver

Unmatched driver heat dissipation

INDUSTRIES



Industrial, manufacturing and education.

OLD LIGHT TECHNOLOGIES



Metal halide and mercury vapour.