

## NEW HOBBS RELEASE

# Hobbs

**Amelec are pleased to introduce the new Hobbs high intensity discharge Xenon arc lights to the marine market in Australia. The innovative technology of HID lighting is second-to-none in performance and reliability.**

The principle of HID lighting is rather complex but the results are incredible and the benefits speak for themselves. HID lighting utilises Xenon arc technology to produce brilliant, white illumination with powerful results. The Hobbs HID flood light can produce up to 4 times more light than a standard halogen flood light of equivalent size. Additionally, because they are highly efficient they draw considerably less current than conventional halogen lighting. For example the Hobbs 35 Watt HID consumes about 3 amps nominally whilst a 100 Watt halogen lamp draws about 8 Amps.

The HID gear or ballast is completely self-contained within the body of the lamp for maximum protection and simplified installation. As there is no filament the lamp is extremely vibration resistant and can last up to 6 times longer than a conventional filament lamp. Connection is made easy with a two core tinned cable. The mounting bracket is fabricated from 316 stainless steel and fitted with a threaded stud for easy mounting. Hobbs HID lights are design to withstand severe shock and have been ibration tested to 10 G's force on three planes.

The Hobbs HID flood lamps will prove popular with commercial and professional operators for their extreme brightness and leisure boaters will appreciate the low power consumption.



Parameter	12VDC Model	24VDC Model
Code number	88432	89446
Beam Type	Flood	
Configuration	HID xenon arc	
Input voltage range	9 – 16VDC	14 – 32VDC
Power rating	35 Watts	
Power consumption	3 Amps nominal	1.6 Amps nominal
Initial power consumption	15 Amps @ 9VDC 9 Amps @ 16VDC	8 Amps @ 14VDC 5 Amps @ 32VDC
Stabilised power consumption	5 Amps @ 9VDC 2.7 Amps @ 16VDC	3.3 Amps @ 14VDC 1.4 Amps @ 32VDC
Coil power consumption	Max 12 Amps for 1 second	Max 7.5 Amps for 1 second
Start-up time	0.5 to 5 seconds	
Weatherproof rating	IP68	
Operating temperature	-40°C to +85°C	
Estimated lamp life	5000 hours	
Housing material	Glass filled nylon	
Hardware material	316 stainless steel	
Termination	2 x 1.5mm <sup>2</sup> cores (tinned)	
Weight	Approximately 1kg	
Dimensions	152mm x 127mm x 200mm (overall)	