



## Case Study

Mandurah Volkswagen has a deep appreciation of performance, efficiency and quality in vehicles. It recently upgraded its exterior lighting to 600W Tiger LED floods for the same reasons.



**Mandurah  
Volkswagen**

### Summary

The main business drivers for the upgrade to Tiger LED MegaFloods were a 62% reduction in their power cost as well as lower maintenance costs, due to the much greater efficiency and longer service life than the 1000W metal halides they replaced.

The dealership also wanted to ensure that their high profile corner site was brightly lit, for the benefit of the VW, Skoda and Isuzu brands. Outstanding light output was therefore extremely important.

### Challenge Faced

The brief was to:

- utilise existing 12m poles in their existing locations
- improve light levels across the large site
- achieve significant savings in power costs and maintenance costs.

### Solution

Tigerlight produced a certified lighting plan for the site at no cost.

The original installation comprised 8 x 12m poles, each carrying 2 x 1000W MH floods - a total of 16.

The superior 84700 lumen output of the 600W Tiger LED MegaFloods achieved the desired lux levels from only 11 x 600W MegaFloods:

- 2 x 600W floods were mounted on 3 poles and
- 5 single floods were mounted on the other poles.

Spigot-mount brackets were recommended for the single fittings and wall/pole mount brackets for the twins. Tilting ranged from 60 to 75 degrees.

60 degree round T5S lenses were specified. These provided excellent coverage with minimal light spill onto adjacent roads and properties.

Average light levels achieved were 150 lux, an eye-catching result for this prominent corner site.



Above and right: Outstanding output from Tiger 600W MegaFloods on existing 12m poles at VW Mandurah.



Spigot mount

Pole/wall mount

**MEGA  
FLOODS**



## Tiger LED MegaFlood 600W

**84,700 lumens output at 140+ lm/W**

- Sleek modular design, with stainless steel protective fascia.
- High performance Cree XPG3 chips with 140+ lm/W output
- Renowned Philips Xitanium drivers for proven reliability
- Polyester-coated housing in black or grey
- IP67 rating. Glass-free.



450W-900W  
Lamp  
power

Up to  
126,000  
lumens

Up to  
140  
lm/W

BEAM  
OPTIONS

IP  
67

IK  
08

5  
Year  
Warranty

## TIGER LED MEGAFLOODS 450-900W

Replacing 1000W to 2000W HID

450W	600W	750W	900W
63500lm	84700	105000	126000



Pictured: 450W MegaFlood with spigot bracket

## TOTAL FLEXIBILITY FOR ALL INSTALLATIONS

- ☑ 2 bracket options - wall/pole or spigot mount
- ☑ 4 colour temperature options, including amber
- ☑ 14 lens options, including round and asymmetrical
- ☑ Control gear options, inc light sensors & dimming
- ☑ Low voltage DC and 415VAC options available
- ☑ Surge protection to 20kV/10kA available
- ☑ Polyester coated housing available in black or grey.