

# SWARCO VMS FOR A NET-ZERO FUTURE

The lowest power VMS available on the UK market



SWARCO delivers first-class UK motorway VMS using patented lens technology to deliver unmatched optical quality. We supply National Highways approved MS4, AMI, and MS3 signs.

Our VMS are designed to have a non-aging effect on the LEDs as optical output is focused at the road for both low power consumption and longer life.

### A study was carried out comparing our VMS with competing products, the study concluded

- We have the lowest power consumption
- We have very low operational & maintenance cost
- We have the longest MTBF (mean time between failures) which results in less maintenance, higher reliability and less environmental impact

### Energy and Display Data:

Typical Power Consumption (Includes all equipment such as display area LED's, controllers, light sensors etc. over a 24-hour period for a sign that is approx 1m x 1m)	21W
Energy Consumption	0.5kWh 50% less than the tested competitor
Luminance Luminance Ratio Beam Width	L3(*) R3 B6

### Display & Energy

- Full colour display, 1000's of colours
- No loss of quality over time due to low driven current
- SWARCO's patented lens system, ultra energy-efficient LEDs
- Solar powered even during winter

### Communications also include

- UTMIC Communications or SWARCO's cloud systems
- UTMIC Compliant Mib 3.01
- GPRS/ 4G