

Zenith Gen-V key benefits



Australian “cockatoo-proof” design

The Zenith Gen-V design keeps all wiring 100% internal to both the pole cross-arm and the luminaire. This avoids all forms of bird related damage to wiring and protects it from weather and UV damage.



Tempered glass lens

UV and impact resistance is enhanced over the product’s lifespan by opting for a tempered glass lens, as opposed to the standard polycarbonate (PC), which yellows and become brittle over time from UV exposure. The glass also ensures an IK09 impact rating.



Custom optics

Custom optics do not suffer from UV degradation over time and improve light transmission due to its transparency compared to traditional materials such as polycarbonate (PC).



Small form factor

The Zenith Gen-V is the lightest 1500W luminaire on the market, reducing wind load on supporting structures, significantly lowering the overall structural costs, and allowing for more lights per pole for retrofit jobs.



High quality LEDs

VAILO selects only the highest quality batches (bins) of LEDs from the world’s most trusted LED companies to ensure optimum lighting quality is maintained for every luminaire.



Custom aluminium diecast housing and bracket

Crafted from a high-pressure die-cast aerospace grade aluminium alloy, the Zenith Gen-V boasts superior thermal management capabilities and a lightweight design. Its housing geometry is optimised to maximise heat-dissipation and minimise weight.



316 grade stainless steel fasteners

The Zenith Gen-V incorporates SS-316, often referred to as “marine grade stainless steel,” for superior corrosion resistance compared to cheaper stainless-steel grades.



Australian marine grade powder coat

The luminaire is enhanced with a specially formulated powder coat, developed and applied in Australia to withstand harsh weather conditions. Suitable for coastal applications. This is a standard for all VAILO luminaires, compared to competitors who charge this as an optional extra.



Fully integrated junction box

A self-contained, sealed junction box is integrated into the bracket, eliminating the necessity for a separate external junction box.



Australian owned and Australian Made certified

Designed and manufactured in Australia, the VAILO team, comprising of Sales, Engineering, Project Management, and Lighting Design, are readily available to discuss unique project needs. Additionally, this ensures stock availability, optimising delivery times for projects.



Stress tested

Once fully assembled, 100% of Zenith Gen-V luminaires are stress-tested in a unique purpose-built testing room for 16 hours to ensure they meet VAILO’s strict quality controls before being boxed and ready for sale.



Green is good!

VAILO has an end-of-life policy and accepts its products back from customers to manage the tear-down and recycling process. All packaging is 100% recycled cardboard, with no plastic tape required.



10-year warranty

VAILO offers a 10-year replacement warranty on the Zenith Gen-V, which covers parts, labour, and equipment, and can assist at any time with installation and product enquires.