



OUTDOOR LIVING REDEFINED



THE BEAUTY OF THE OUTDOORS IN EVERY DETAIL...

Violux brings together a curated range of premium outdoor living systems — from bioclimatic pergolas to fully glazed sunrooms — selected for architectural precision and long-term performance. Every product in our portfolio is engineered to meet the demands of residential and commercial projects, delivering both aesthetic excellence and functional reliability across diverse climates.



INTELLIGENT SYSTEMS FOR EVERY OUTDOOR SPACE

Our smart pergolas, bioclimatic pergolas, and sunrooms are designed to adapt to your environment automatically. Combining advanced sensor technology with intuitive controls, every Violux system can be managed effortlessly — from a single remote or your smartphone.



Rain Sensor

Violux systems are equipped with rain sensors that automatically close motorised structures at the first sign of rainfall — keeping your outdoor space dry and protected without any manual intervention.



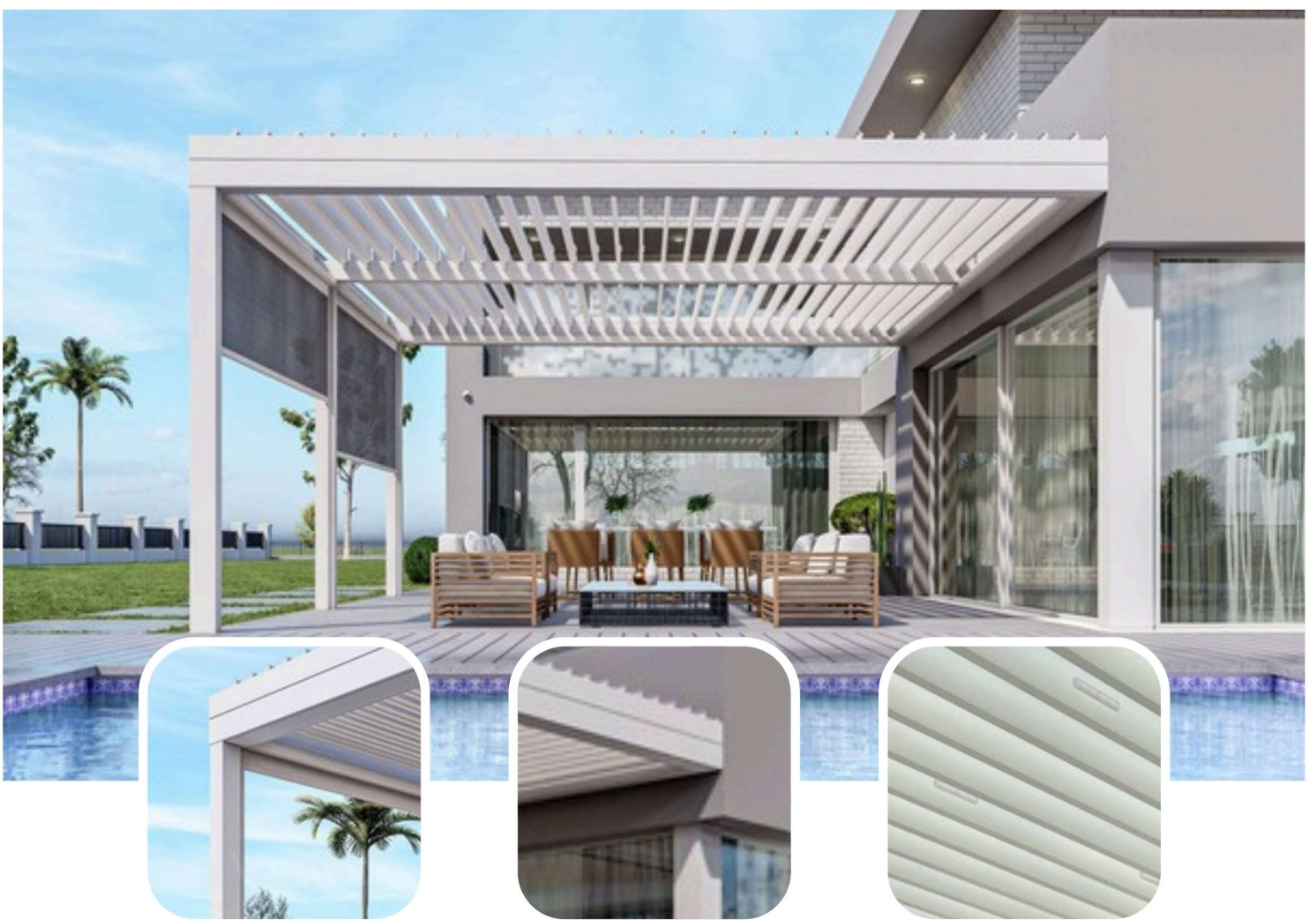
Wind Sensor

Built-in wind sensors continuously monitor conditions and trigger automatic retraction of awnings and pergola systems when wind speeds exceed safe thresholds. Your structure stays protected, whatever the weather.



Smart Control

Manage lighting, motorised systems, and climate settings from a single smart control unit or mobile app. Intuitive, reliable, and compatible with leading home and building automation systems.



BIOCLIMATIC ROTATABLE PERGOLA

Adjustable louvre blades rotate up to 110° to control sunlight and airflow — fully motorised and weather-sensor compatible.





BIOCLIMATIC RETRACTABLE PERGOLA

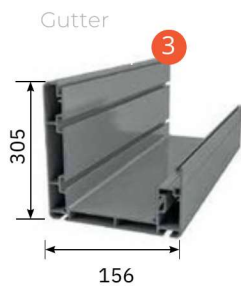
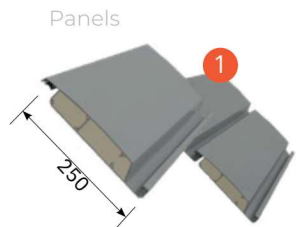
A fully retractable aluminium louvre system that opens completely for unobstructed sky views — ideal for large-span residential and hospitality installations.



TECHNICAL AND DESIGN DETAILS



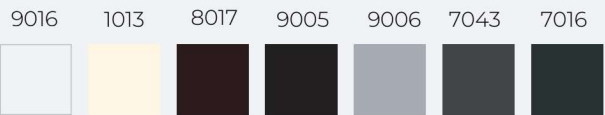
size in mm



	Max. width	Max. projection
Single Module 1	4000 mm	8000 mm
Single Module 2	6000 mm	6000 mm

Single forms can be combined into multi-module configurations for larger coverage.

Standard Colour Options



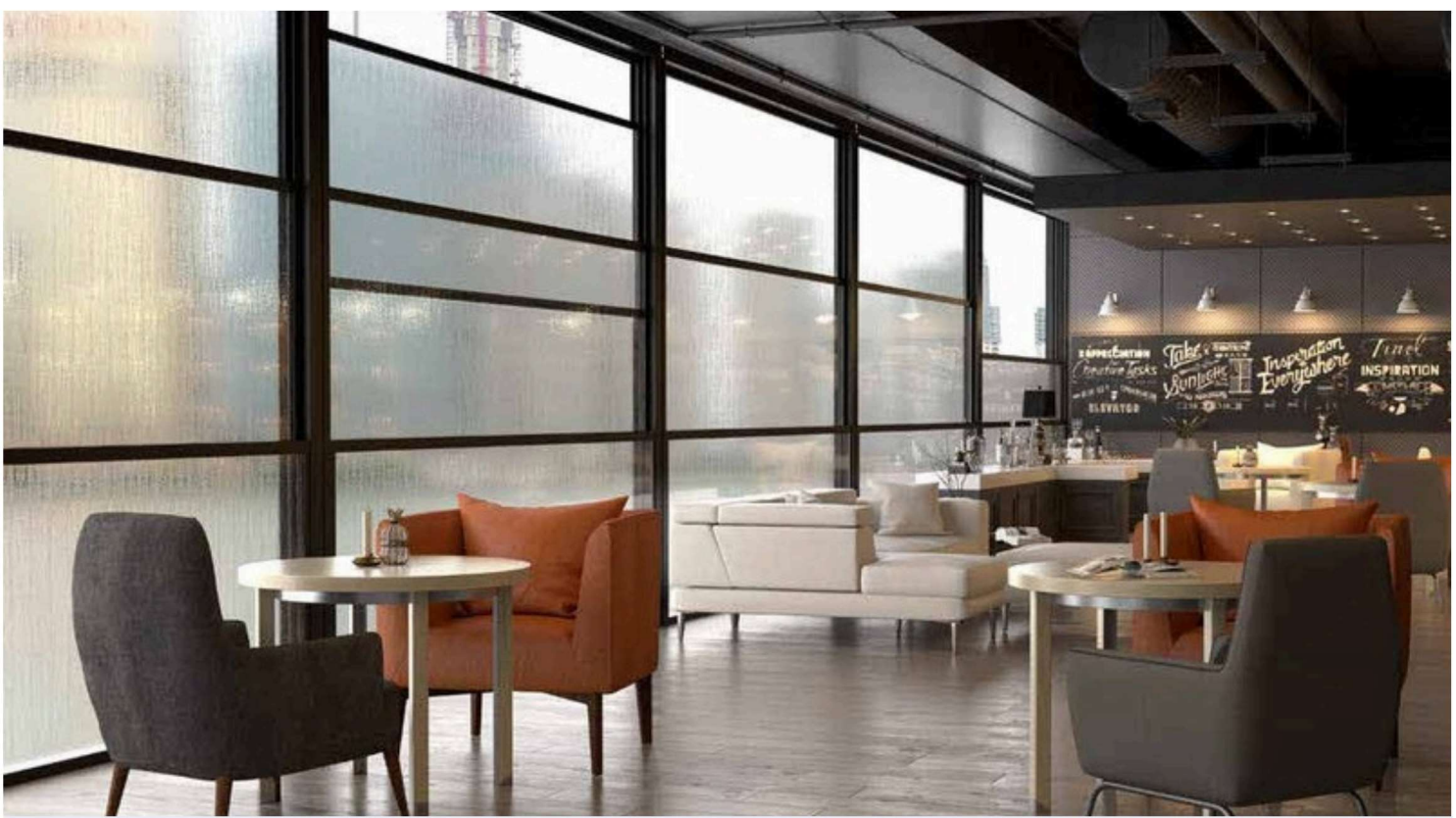
Other Colours +10%



The robust truss structure, combined with double-channel gasket sealing on each panel, ensures maximum weatherproofing. Water is fully channelled away from the structure, maintaining a dry and comfortable environment in all weather conditions.

Technical Legend

- 1 Aluminium Panel
- 2 Column
- 3 Gutter



GLASS SYSTEMS

Violux Glass Systems deliver seamless transitions between indoor and outdoor spaces through high-performance aluminium and glass solutions. Suitable for residential and commercial projects, each system is custom-built to specification — combining structural precision with clean, contemporary aesthetics.



All Seasons



Weather
Resistant



Fire
Resistant



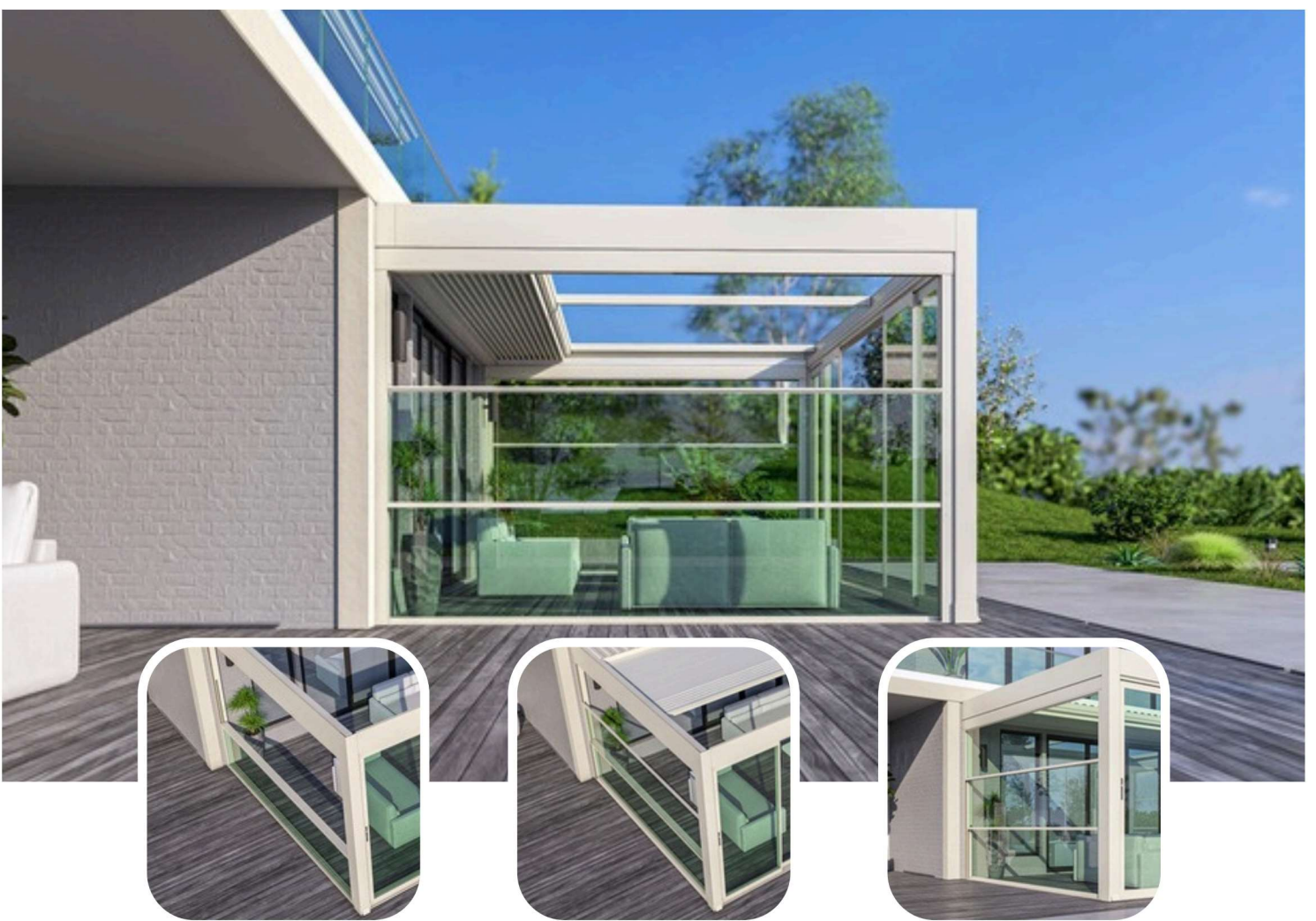
Custom
Finishes



Watertight



Remote
Controlled



GUILLOTINE WINDOWS

Motorised guillotine windows that slide vertically to provide unobstructed views and full environmental control — weather resistant, remote controlled, and custom-built for residential and commercial installations.

