

## Lamellar PROLUXA pergola

Allow yourself to control light and shade with the lamellar pergola



Our **Proluxa Aluminium Lamellar Pergola system** offers the perfect solution for protection from the sun and other weather conditions. With the ability to control the lamellas on the roof, you can regulate the sunlight in a **self-contained or automated manner**.

The slim and modern design of the **Proluxa Pergola** and the wide choice of powder-coated colours blend in perfectly with the mass of any building, creating a harmonised whole. It can be installed as a stand-alone, free-standing solution in the garden or on a terrace, or it can be attached to the wall of a building using an adaptor profile. The **Proluxa Lamellar Pergola** made of aluminium is more weather-resistant than wood, and its lamellar roof effectively protects against rain unlike other material solutions.



### The Proluxa Lamellar Pergola

is also the ideal combination of living space and garden, creating a place where you can comfortably spend time most of the year.



The Proluxa Lamellar Pergola, unlike the canopies we often see, has a simple body that fits in with **modern architecture**. The **narrow aluminium profiles and lightweight lamella roof**, emphasise its unprecedented lightness. It drains rainwater effectively through internal drainage channels and supporting columns. The option of fitting a raised roof extension conceals the opening laths and actuators.



### Effective protection against sun, rain, wind and insects

The Proluxa pergola provides comprehensive protection from the weather. For the roof, this is provided by **aluminium lamella whose angle can be adjusted from 0-110 degrees**. Side protection is guaranteed by **Slide Glass sliding systems** or ZIP covers, which provide additional protection against insects. The colours of these elements can be matched to the Premium Pergola.

### Can be used throughout the year

The Proluxa pergola can be used all year round. In summer it provides effective protection from the sun, wind and rain, for colder days it can be additionally equipped **with radiant heaters**. The use of LED panels allows relaxation after dark.



### Weather-resistant

The Proluxa pergola is made of durable aluminium, which requires no maintenance unlike typical wooden constructions. The durability of the elements is ensured by the powder coating on the profiles, and the automation hidden in the dry pole is weatherproof.



ZIP Sunshade

**ZIP vertical sunshade systems** are the most commonly chosen solution for pergolas. The box and guides of the ZIP sunshade face the pergola structure and are made in the same colour, thus creating a visually uniform unit. **The fabrics** are available in more than a dozen colours and in **4 light transparency classes**. An additional advantage of the ZIP cover is protection from wind and insects. They can be made up to 6 metres wide without the need for dividing. **The comfort** of use is ensured by the possibility of controlling them with a remote control, an app and they can also be integrated with a light sensor.



All-glass sliding system Slide Glass

**The system is made up of 3, 4 or 5 all-glass wings** that slide on each other on non-independent tracks. The frame is **very low** and made in the colour of the pergola. The sashes can be interlocked and locked from the inside providing a greater degree of **security**. **Toughened 10 mm glass** is fitted as standard, ensuring the safety of users as well as providing effective protection against wind. The structure is optically **very light**, which makes it a perfect complement to the Pergola Proluxa.



LED lighting

LED lighting can be placed around the pergola or on the rotating roof lamellas. Special profiles allow **the lighting** to be **aesthetically combined with the pergola**. There is a choice of lighting in cold and warm tones.



Radiant heating

The radiant heating system is a modern and safe heating method. In pergolas, it is usually mounted on two opposite sides of the structure or to the gutter profiles. The wiring is completely concealed. The radiant heaters are controlled by remote control. When purchasing radiant heaters, it is recommended to purchase vertical covers to accumulate heat inside the pergola.



Wind, rain, snow and sun sensor

The operation of the Premium Pergola's moving elements can be fully automated according to changing **weather conditions**. Depending on the level of sunshine, sun sensors can **automatically** adjust the angle of the roof or the retraction level of the ZIP cover. Rain, wind and snow sensors ensure that the pergola **closes or opens safely** in adverse conditions.



Convenient radio or app control

The integrated control system, available via both remote control and mobile app, provides convenience and comfort. It allows independent control of the moving roof lamellas, lighting, ZIP covers and radiant heaters.