PERGOLA

WIN CLIMATIC

Revolutionary and innovative, fully automated terrace roofing. Thanks to the use of most modern technological solutions, WIN CLIMATIC is simply the best solution for all gardens and terraces, both in private homes and commercial spaces.

Full control

The roof consists of aluminium louvres controlled in the range from 0° to 135°, allowing full control over sunlight and protection against precipitation. Thanks to the use of most modern technologies, the entire pergola and accessories can be controlled with a smartphone or tablet from anywhere in the world.

Durability

WIN CLIMATIC is made of the highest quality extruded aluminium and stainless steel, making it an all-year-round product with extraordinary resistance to external conditions. Unrivaled snow resistance - up to 5000kg for the maximum size of the pergola.

Functionality and innovativeness

WIN CLIMATIC offers an amazing possibility to integrate the most technically advanced accessories and fully automate the pergola. Most modern and integrated LED lighting, weather sensors, heaters and audio system controlled via Bluetooth are just some of many available solutions.

Security and privacy

Possibility to cover all pergola's sides with modern WIN SCREEN blinds, WIN GLASS sliding glass panels and WIN PANELS providing extra protection against all weather conditions, insects and significantly increasing privacy.
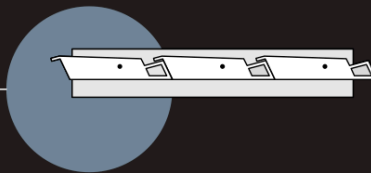
Aesthetics

Thanks to it's amazing aesthetic values, WIN CLIMATIC will be a great addition for every outdoor space. Hidden screw connections, very rich colours offer and impressive product finish are fully capable of meeting even the most demanding expectations.
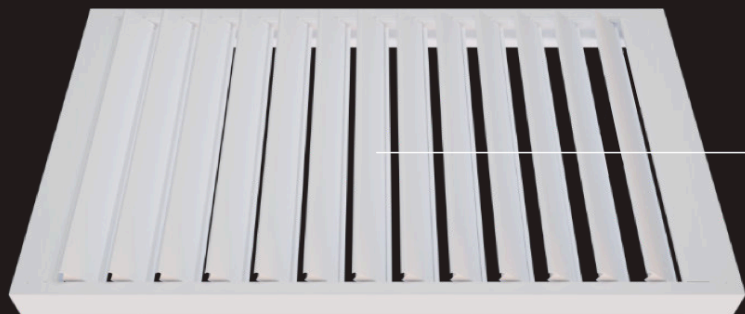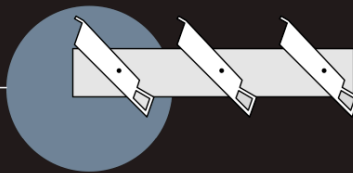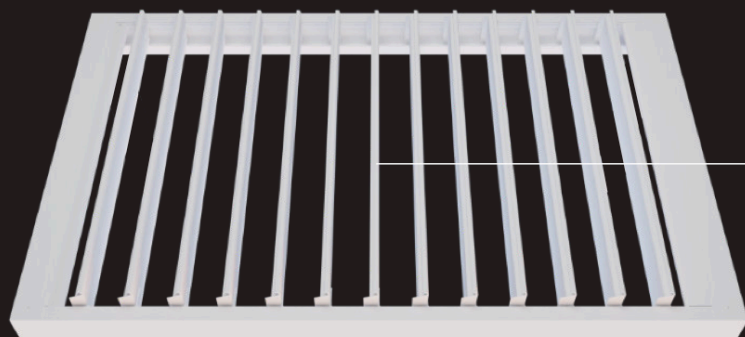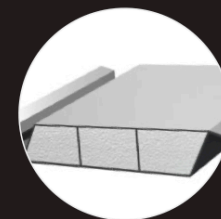
STELLAR
SOLSKJERMING AS

0°

Thanks to the built-in electric motor, it's possible to automatically control the roof louvres in the range from 0° to 135°.
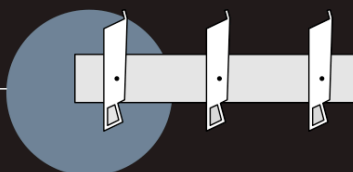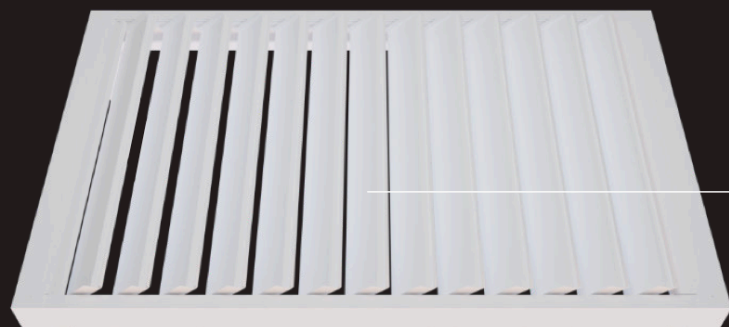
45°

Internal louvres polystyrene filling - minimises rain noise and provides additional insulation in hot and cold days.
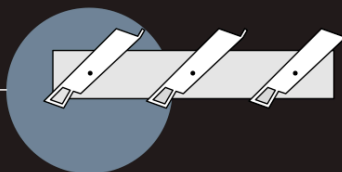
90°

135°

Thanks to the use of the smart control panel, it's possible to control the pergola and all additional accessories with a smartphone or tablet.

WIN CLIMA

TWIN CLIMATE

STELLAR
SOLSKJERMING AS

WIN SCREEN BLINDS

Thanks to the optional use of modern WIN SCREEN blinds, system gains additional benefits of better protection against sunlight, insects, enhanced privacy and improved thermal properties. Very rich colours palette matching pergola's structure and impressive blinds sizes - up to 7000mm

WIN GLASS PANELS

WIN GLASS is an amazing combination of optimal visual and thermal comfort and protection against external conditions. Thanks to the use of 10mm toughened glass and unique, innovative technological solutions, the system ensures the safe use of every terrace's space, both at home and commercial properties. Wide selection of accessories, casing colours and glazing models will make WIN GLASS perfectly fit into any surroundings and meet even the most demanding expectations.

HEATERS

4 heaters models available with power regulation, controlled via smartphone or tablet. Maximum power: 1500W. Casing made of extruded aluminium, available in two colours.

INTEGRATED AUDIO SYSTEM

2 built-in 23W/8Ohm speakers, available in two colours and controlled via special audio app through Bluetooth.

LED LIGHTING

Impressive LED lighting configuration and integration options within pergola's structure: in the gutters or roof louvres. Available LED strips: WHITE, RGB or RGBW.

SMART CONTROLS

Thanks to the use of a smart control panel, there is a possibility to control the pergola and all its accessories with a smartphone or tablet, from any location in the world.

WATER DRAINAGE

Every WIN CLIMATIC pergola is equipped with an innovative water drainage system integrated and hidden within the structure.

STELLAR SOLSKJERMING AS
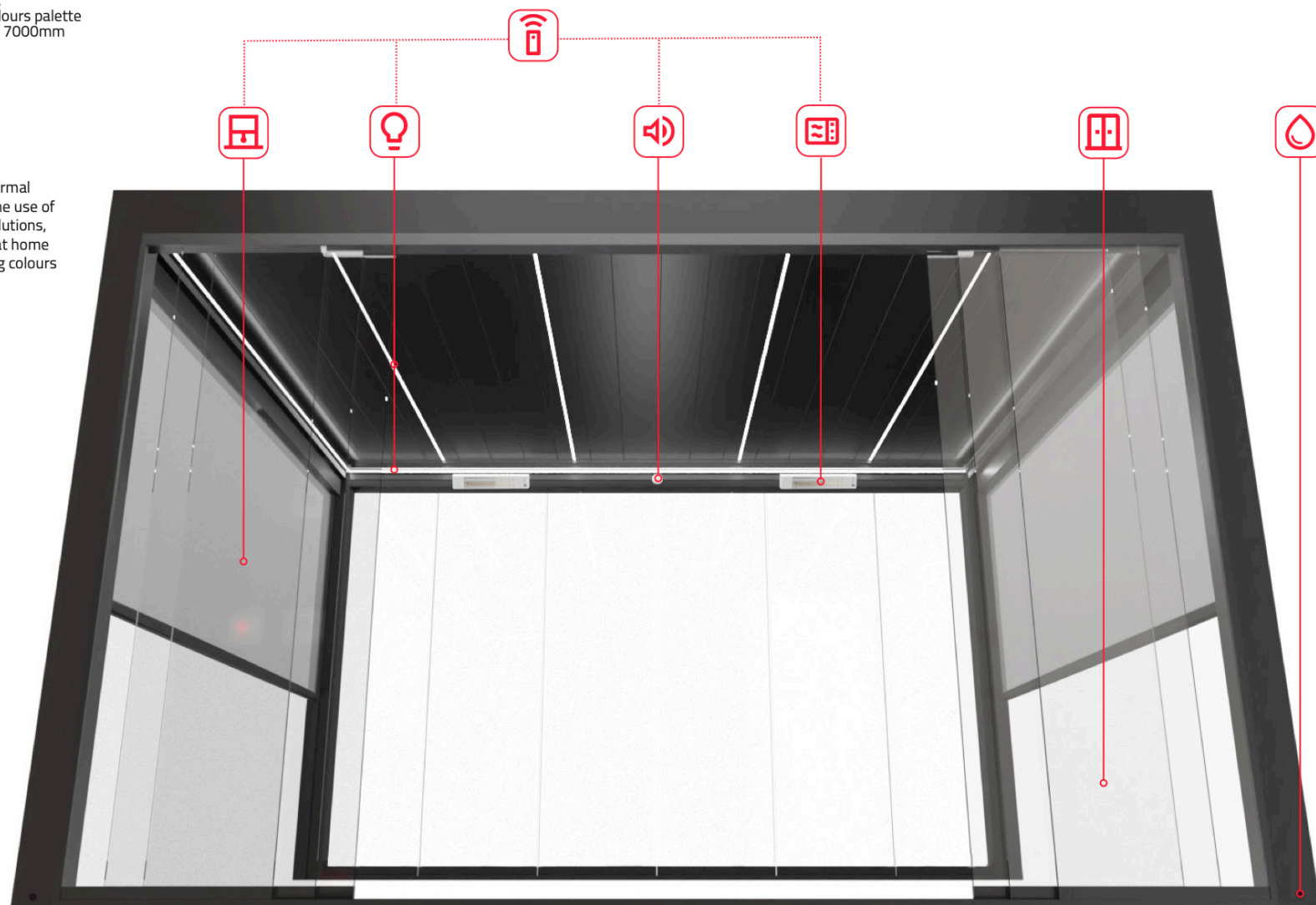
AUTOMATIC ROOF CONTROL

Adjustment of aluminium roof louvres, that can be turned in the range of 0° to 135° by remote control, smartphone or tablet. Full control over incoming sunlight and precipitation.

RESISTANCE TO ATMOSPHERIC CONDITIONS

Snow resistant design with one of the best results in the world – WIN CLIMATIC can easily handle a 5000kg snow load at max available pergola size. It's also resistant to other weather conditions such as wind, rain and sun.

TESTED STRUCTURE

Very solid frame ensures high resistance to loads coming from heavy snowfall, rainfalls or strong winds. Application of extra strengthening chambers, reinforced and special shaped profiles make WIN CLIMATIC one of the most durable pergolas available on the market.

MATCH THE COLOUR FROM OUR PALETTE

Rich standard offer pergola colours: 3 colours in standard WIN CLIMATIC palette and 10 extra in the additional one. Possibility of choosing any RAL, TIGER, anodised or wood-like colour will allow perfect pergola adaptation to any environment.

MADE TO MEASURE DESIGN

Highly aesthetic fixings, no visible screw joints, hidden motors and perfectly matched accessories, make WIN CLIMATIC a truly remarkable and unique product.

WEATHER SENSORS

Possibility to connect most modern wind, rain, temperature and snow sensors, additionally strengthening pergola's resistance to weather conditions.
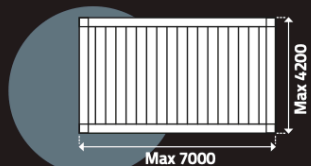
STELLAR
SOLSKJERMING AS

SINGLE PERGOLA

TECHNICAL DATA

MAXIMUM SIZE OF PERGOLA

Max 4200
Max 7000

MAXIMUM HEIGHT

H Standard 2600
H Max 3200

OPEN SUPPORTING POST WITH MAINTENANCE FLAP

130 130

SINGLE BASE

200
70
130

PERGOLA

STELLAR

STELLAR
SOLSKJERMING AS
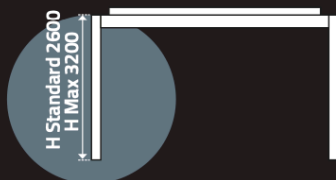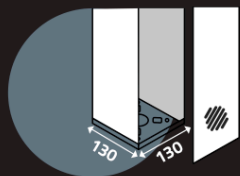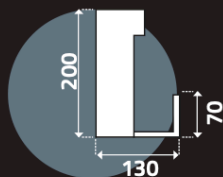
CONFIGURATIONS EXAMPLES
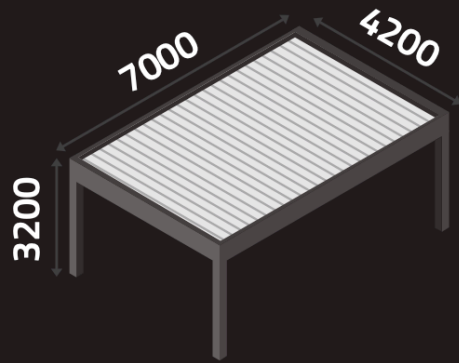
TYPE - A
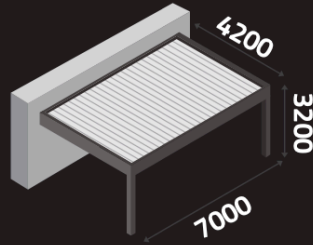
TYPE - B
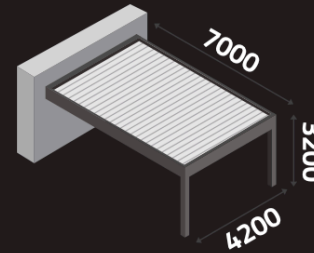
TYPE - C
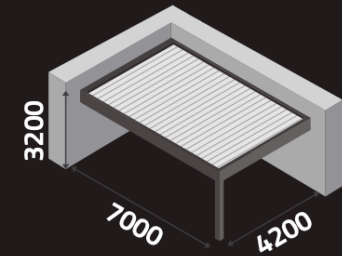
TYPE - D
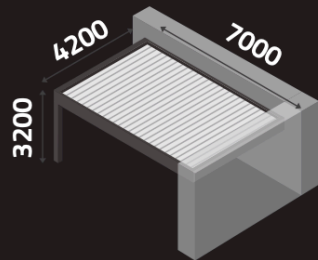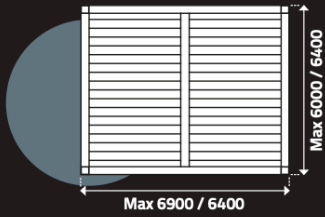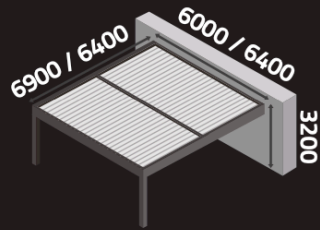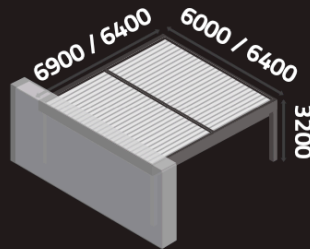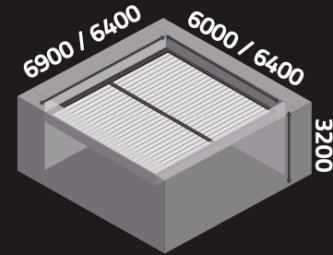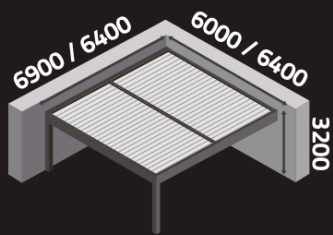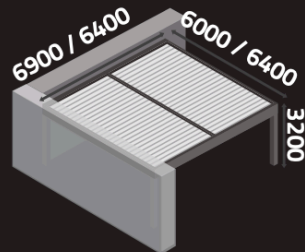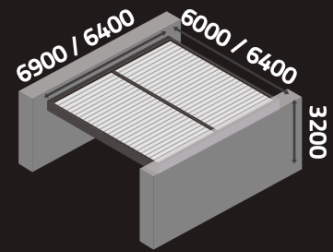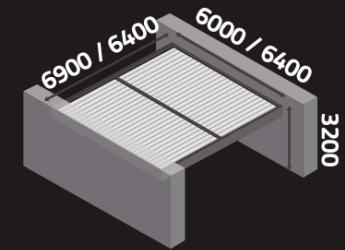
TYPE - E
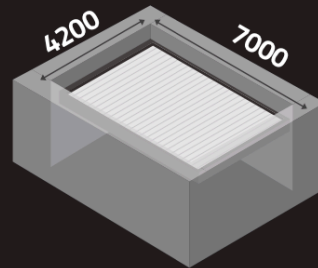
TYPE - F
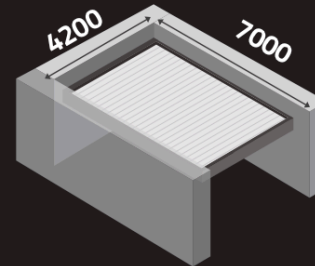
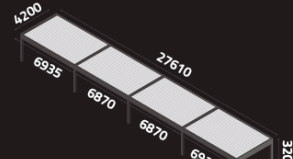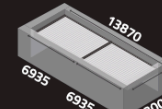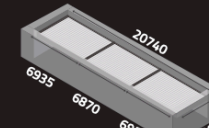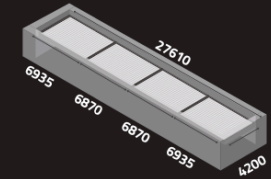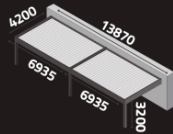TYPE - G
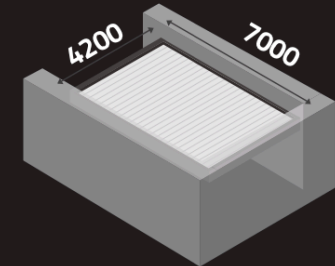
TYPE - H
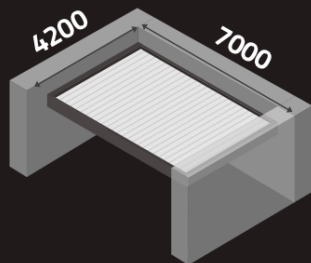
TYPE - I
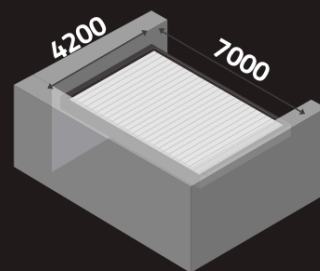
TYPE - J
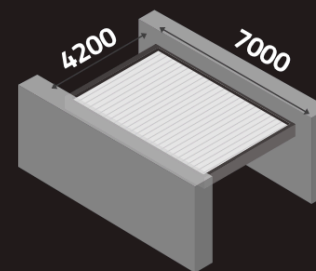
TYPE - K
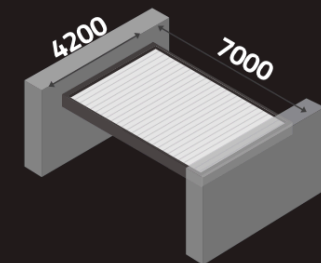
TYPE - L

STELLAR
SOLSKJERMING AS

DOUBLE PERGOLA WITHOUT THE SUPPORTING POST

PERGOLA

TECHNICAL DATA

MAXIMUM SIZE OF PERGOLA

Max 6000 / 6400

Max 6900 / 6400

MAXIMUM HEIGHT

H Standard 2600
H Max 3200

OPEN SUPPORTING POST WITH MAINTENANCE FLAP

130   130

SINGLE / MODULAR BASE

200   70   130

200   70   130

STELLAR

STELLAR
SOLSKJERMING AS

CONFIGURATIONS EXAMPLES

6900 / 6400　6000 / 6400　3200
TYPE - M

6900 / 6400　6000 / 6400　3200
TYPE - N

6900 / 6400　6000 / 6400　3200
TYPE - O

6900 / 6400　6000 / 6400　3200
TYPE - P

6900 / 6400　6000 / 6400　3200
TYPE - R

6900 / 6400　6000 / 6400　3200
TYPE - S

6900 / 6400　6000 / 6400　3200
TYPE - T

6900 / 6400　6000 / 6400　3200
TYPE - U

6900 / 6400　6000 / 6400　3200
TYPE - V

6900 / 6400　6000 / 6400　3200
TYPE - W

6900 / 6400　6000 / 6400　3200
TYPE - X

6900 / 6400　6000 / 6400　3200
TYPE - Y

6900 / 6400　6000 / 6400　3200
TYPE - Z

STELLAR
SOLSKJERMING AS

ONE ROW MODULAR PERGOLA

PERGOLA

TECHNICAL DATA

MAXIMUM SIZE OF PERGOLA

Max 4200

Max 6935

MAXIMUM HEIGHT

H Standard 2600
H Max 3200

OPEN SUPPORTING POST WITH MAINTENANCE FLAP

130   130

SINGLE / MODULAR BASE

200   70   130

200   70   130

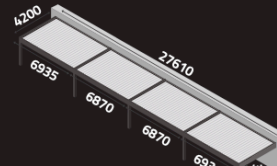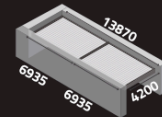STELLAR
SOLSKJERMING AS
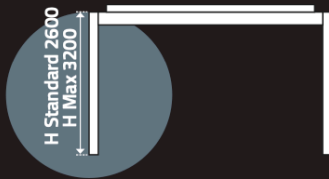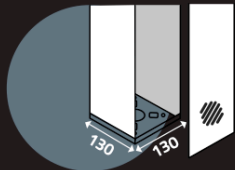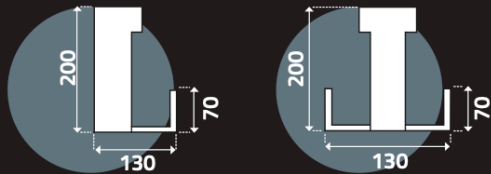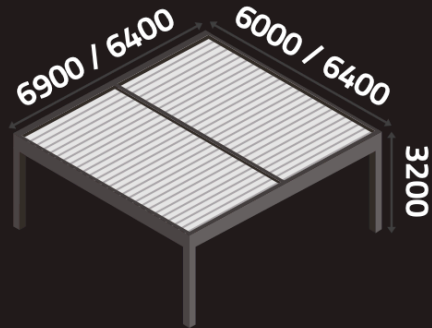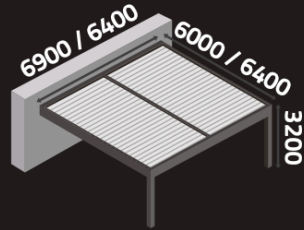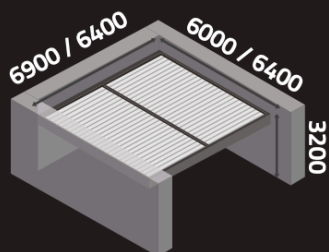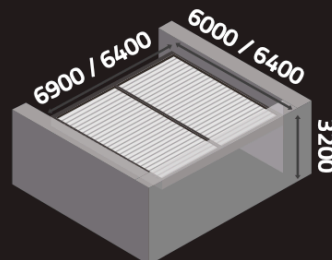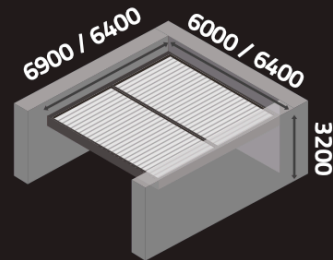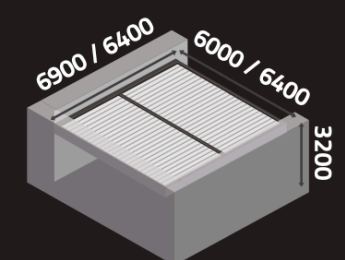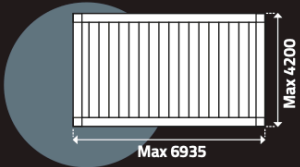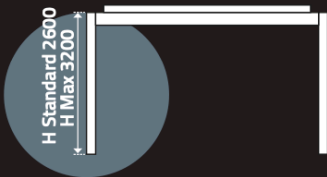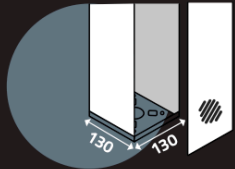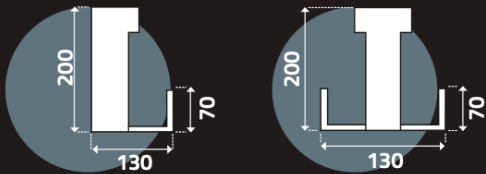
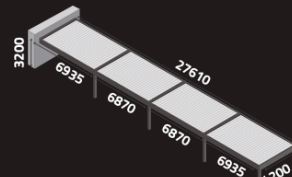# CONFIGURATIONS EXAMPLES
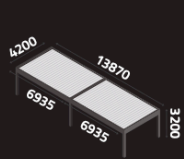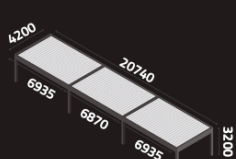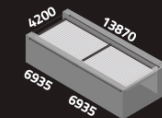

TYPE – A2

TYPE – A3

TYPE – A4

TYPE – B2

TYPE – B3

TYPE – B4

TYPE – C2

TYPE – C3

TYPE – C4

TYPE – D2

TYPE – D3

TYPE – D4

TYPE – E

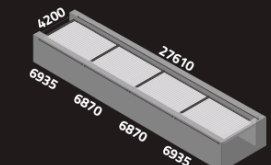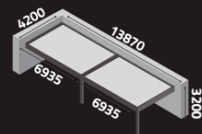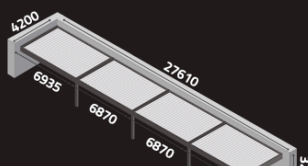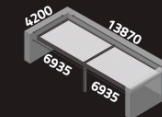TYPE – E

TYPE – E

TYPE – F2
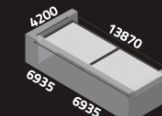
TYPE – F3
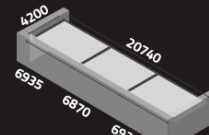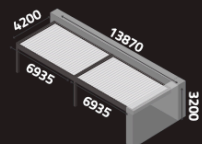
TYPE – F4
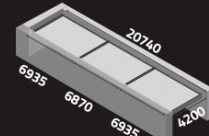
TYPE – G2

TYPE – G3

TYPE – G4
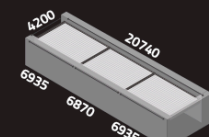
TYPE – H2

TYPE – H3

TYPE – H4
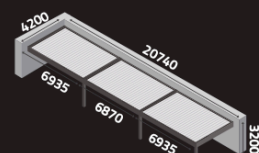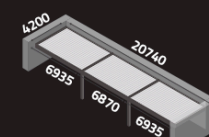
TYPE – I2

TYPE – I3

TYPE – J2

TYPE – J3

TYPE – K2
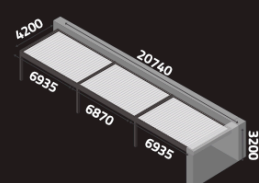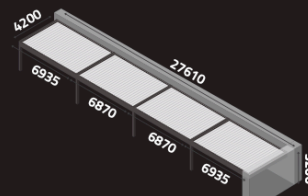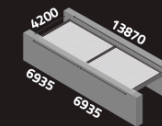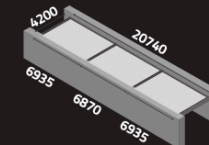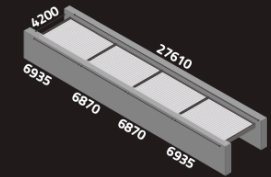
TYPE – K3

TYPE – K4
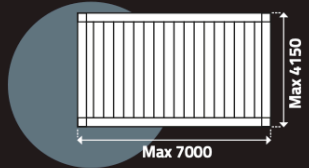
STELLAR
SOLSKJERMING AS

PERGOLA

TECHNICAL DATA

MAXIMUM SIZE OF PERGOLA

Max 4150

Max 7000

MAXIMUM HEIGHT

H Standard 2600
H Max 3200

OPEN SUPPORTING POST WITH MAINTENANCE FLAP

130   130

SINGLE / MODULAR BASE

200   70   130

200   70   130

STELLAR

STELLAR
SOLSKJERMING AS
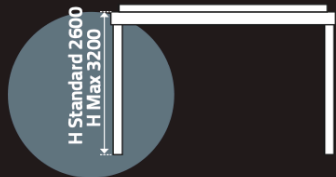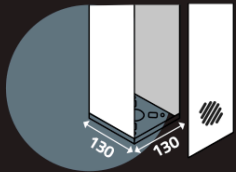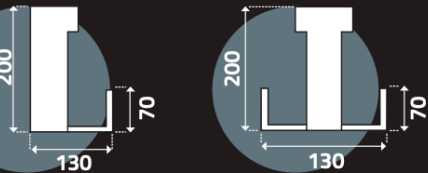
CONFIGURATIONS EXAMPLES
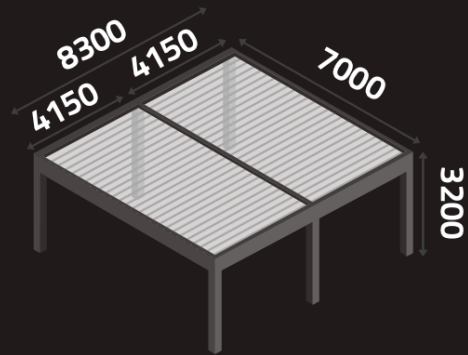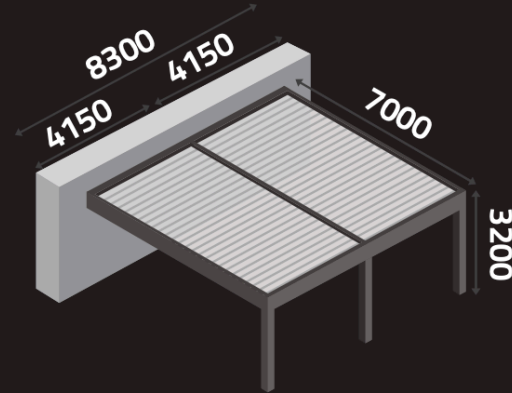
TYPE - 2 A2

TYPE - 2 C2

TYPE - 2 B2

TYPE - 2 G2

STELLAR
SOLSKJERMING AS
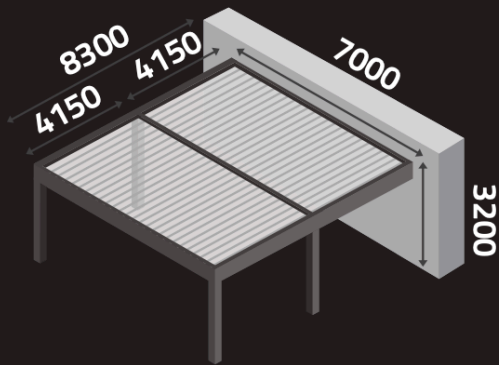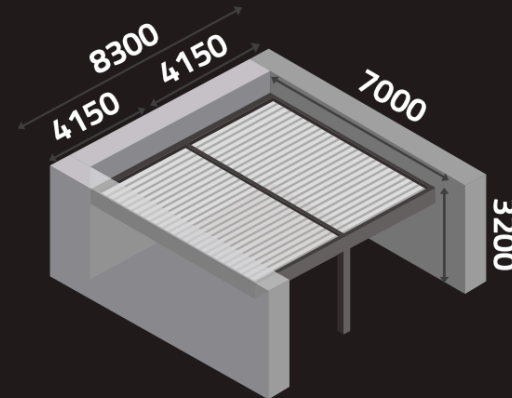
2 ROW MODULAR PERGOLA (MULTI MODULE)
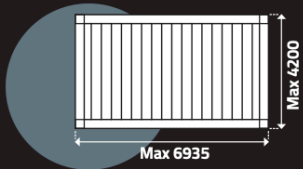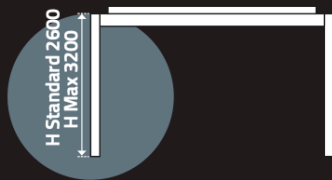
PERGOLA

MAXIMUM SIZE OF PERGOLA

Max 4200

Max 6935

MAXIMUM HEIGHT

H Standard 2600
H Max 3200

OPEN SUPPORTING POST WITH MAINTENANCE FLAP

130   130

SINGLE / MODULAR BASE

200   70   130

200   70   130

STELLAR

STELLAR
SOLSKJERMING AS
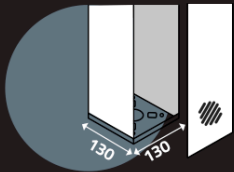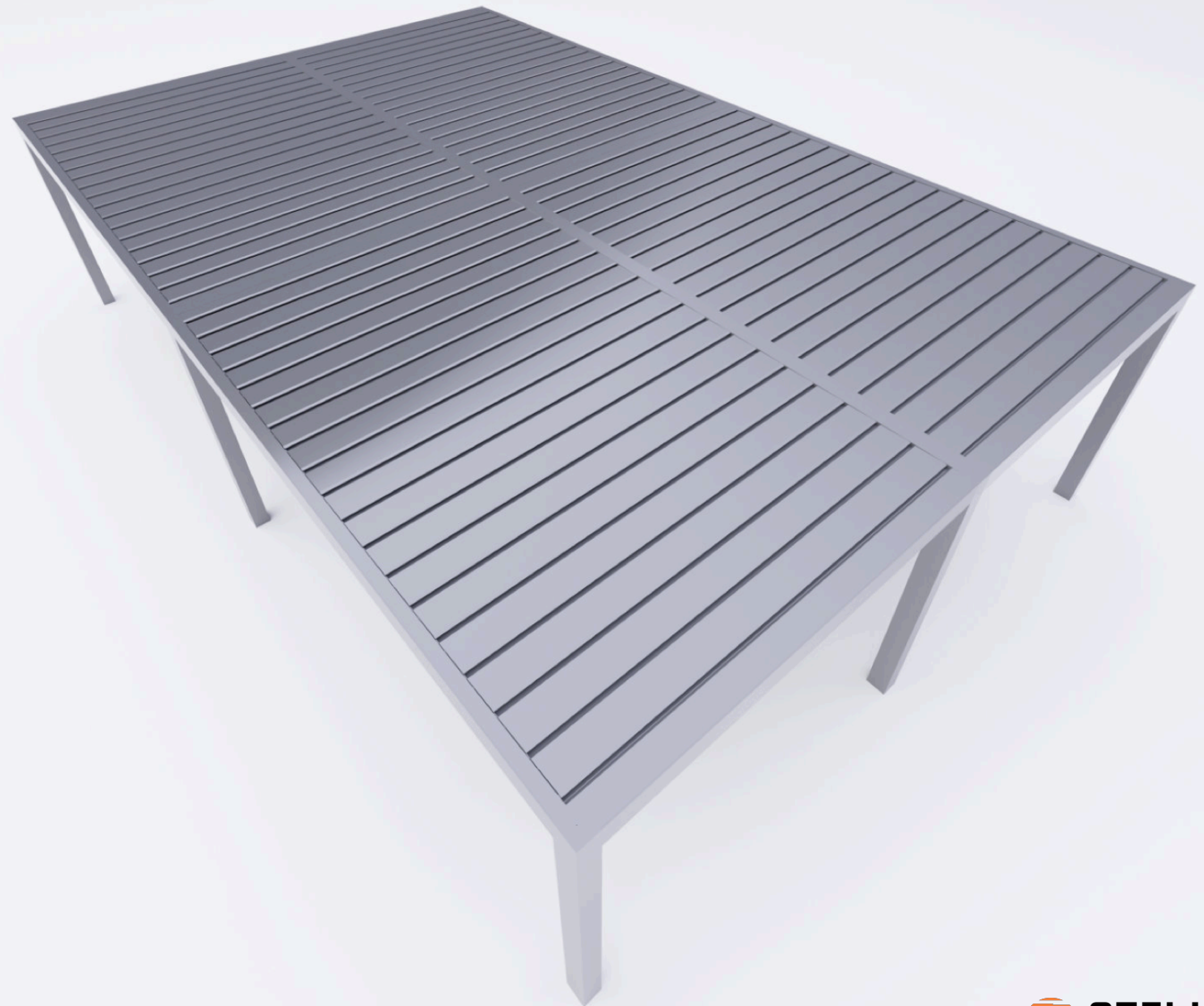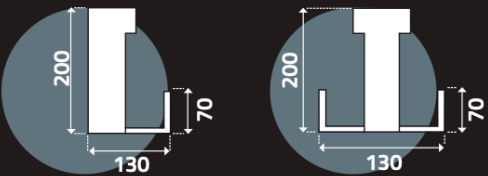
CONFIGURATIONS EXAMPLES
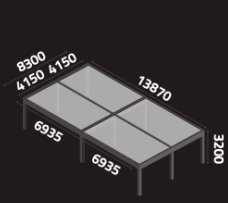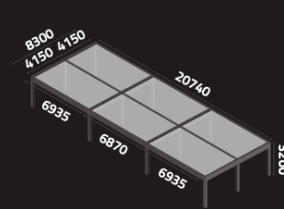
TYPE - 2 A4

TYPE - 2 A6
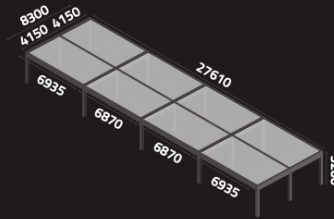
TYPE - 2 A8
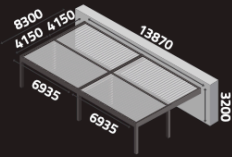
TYPE - 2 B4
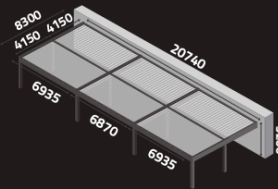
TYPE - 2 B6
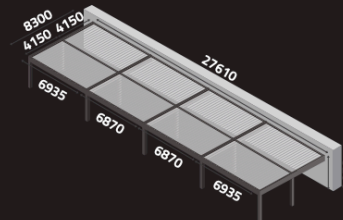
TYPE - 2 B8
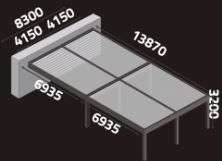
TYPE - 2 C4
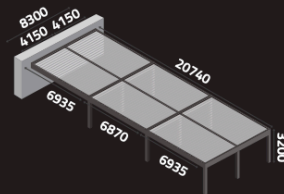
TYPE - 2 C6
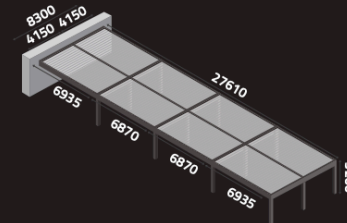
TYPE - 2 C8
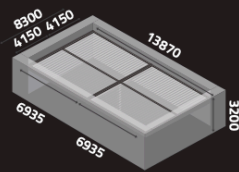
TYPE - 2 F4
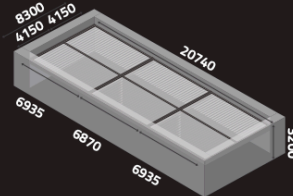
TYPE - 2 F6
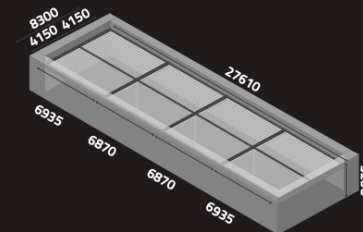
TYPE - 2 F8
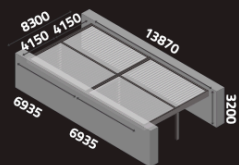
TYPE - 2 K4

TYPE - 2 K6

TYPE - 2 K8

STELLAR
SOLSKJERMING AS
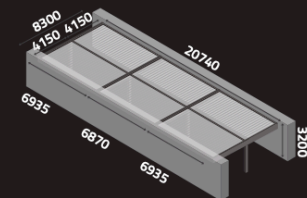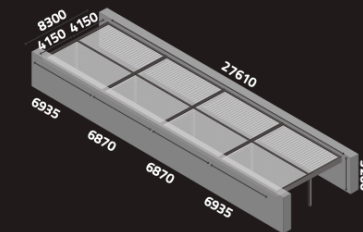
WHITE LED LIGHTING / STRIPS INTEGRATED IN ROOF LOUVRES

RGBW LED LIGHTING / STRIPS INTEGRATED IN ROOF LOUVRES
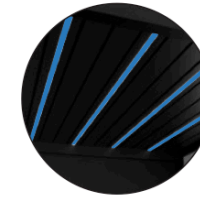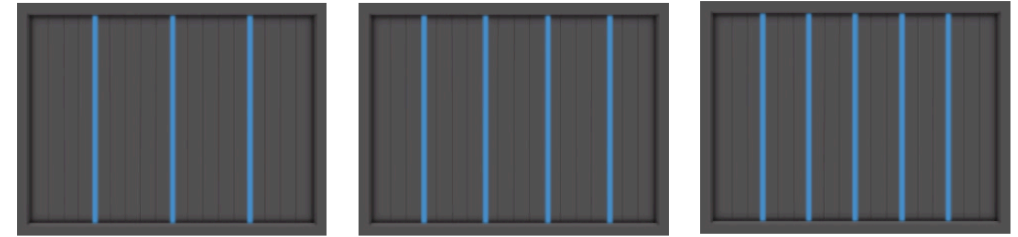
LED LIGHTING / STRIPS INTEGRATED IN THE GUTTER

TYPE - B / WHITE

TYPE - B / RGB

TYPE - B / RGBW
(RGB + WHITE)

TYPE - C /
WHITE + RGB
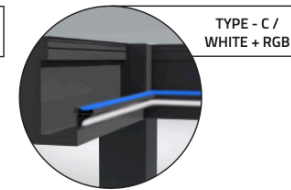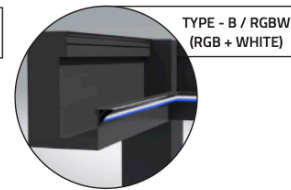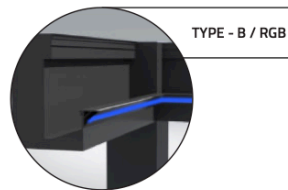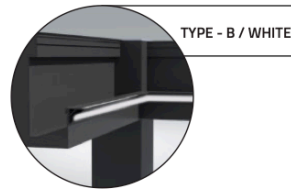
- Very modern, waterproof and stylish LED lighting.

- Available in many configurations - can be integrated with the louvres or pergola's gutter.

- Quick and easy control from your smartphone, tablet or remote control.

STELLAR
SOLSKJERMING AS

WEATHER SENSORS AND AUTOMATION

WIND SENSOR

Constantly monitors the wind speed - when excessive wind is detected, the sensor will automatically open the pergola and attached WIN SCREEN blinds.

RAIN SENSOR

When rain is detected, the sensor will automatically close pergola's roof.
Heating function included in order to avoid activation in the event of snow or ice detection.

TEMPERATURE SENSOR

Temperature sensor will slightly open the louvres at +3 °C temperature drop protecting them from icing resulting in seals damage and roof immovilization.
Sensor can be turned off using the remote.

SNOW DETECTION SENSOR

Snow sensor = rain sensor + temperature sensor
In the event of detecting precipitation and temperature lower than +3 °C at the same time, the sensor will interpret it as snow and automatically open the louvres at 90° angle.

REMOTES

Simple and functional 63-channel remote to control everything:
✓ 9 product groups:
- pergola roof control,
- WIN SCREEN blinds control,
- LED lighting control,
- heaters control,
- audio system control.
✓ Protection factor: IP20.
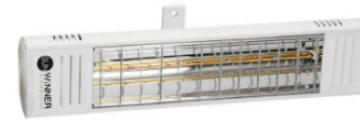
WHITE / RAL 9010
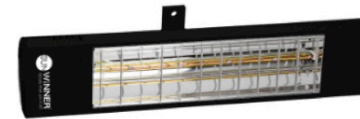
BLACK / RAL 9005

HEATERS

Pergola can be equipped with heaters, which will keep you warm during cool spring mornings and autumn evenings.

Built-in Low Glare emitter - the device does not dazzle the eyes.

BLACK / RAL 9005

WHITE

BLACK
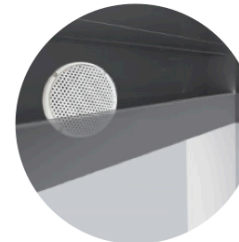
INTEGRATED BLUETOOTH AUDIO SYSTEM

Easy and quick access to your favourite music, whenever you want.

System is operated via Bluetooth technology, allowing practically every phone to be connected. Music can be played from any application.

STELLAR SOLSKJERMING AS
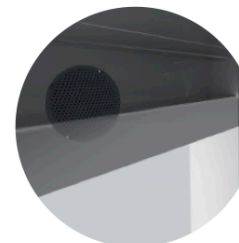
COLOUR PALETTE
LOUVRES / STRUCTURE / SUPPORTING POSTS / LED LIGHTING

QUALICOAT

STANDARD COLOURS

White-cream
Structural
(Close to RAL 9010)

Grey / Silver
Structural
(± RAL 9006)

Anthracite
Structural
(Close to RAL 7016)

ADDITIONAL COLOURS

RAL 9016
White - mat

White
(Close to RAL 9010)

RAL 1013
Cream

RAL 8019
Dark brown

RAL 9006
Grey /Silver

RAL 7016
Anthracite

Anthracite
Structural
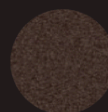
RAL 9005
Brown Structural

RAL 9005
Black mat
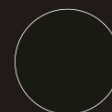
Black Structural
(Close to RAL 9005)

OUTSIDE WIN CLIMATIC COLOUR PALETTE

TIGER

TIGER COATINGS

- SMOOTH STRUCTURES

- METALIC-EFFECTS

- METALIC - 29 SERIES

- 3D METALLICS FINE TEXTURE SERIES 68

- FLAT MATTE SERIES 68

- 3D METALLICS SMOOTH SURFACES SERIES 68

ANY RAL COLOUR

WOOD-LIKE COLOURS

ANODISED COLOURS

STELLAR SOLSKJERMING AS

ADDITIONAL INFORMATION AND TEST RESULTS

PERGOLA DURABILITY UP TO 5000 KG !

❄

SNOW LOAD TABLES,
WITHOUT WIND PRESSURE FOR 4 SUPPORTING POSTS (kg / m2)

SINGLE PERGOLA						
WIDTH (mm)						
HEIGHT (mm)	2000	2500	3000	3500	4000	4200
2000	850	816	793	777	765	680
3000	680	544	529	518	510	453
4000	595	476	397	389	383	340
5000	544	435	363	311	306	272
6000	510	408	340	291	255	252
7000	309	247	206	176	146	122

TWO-MODULE PERGOLA WITHOUT THE SUPPORTING POST				
WIDTH (mm)				
HEIGHT (mm)	5400	5900	6400	6900
2000	567	461	372	296
3000	336	307	248	197
4000	220	202	186	148
5000	176	161	149	118
6000	147	134	124	99
6400	138	126	116	

Snow load test carried out on a free-standing 6900x6000mm two-module structure,
without the supporting post, showed
the resistance of the whole structure to the level of 120,78kg/m2, which gives a total load of 5000 kg
pressing pergola's roof.
Detailed test description is available at company's sales department.
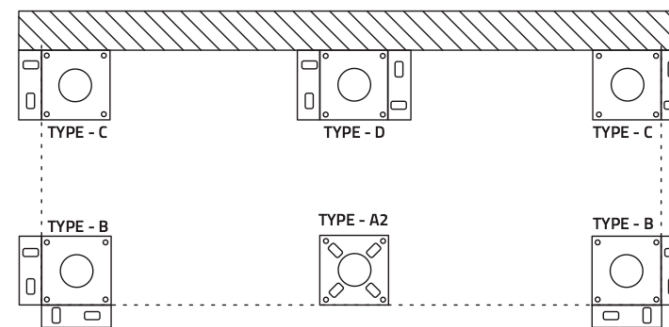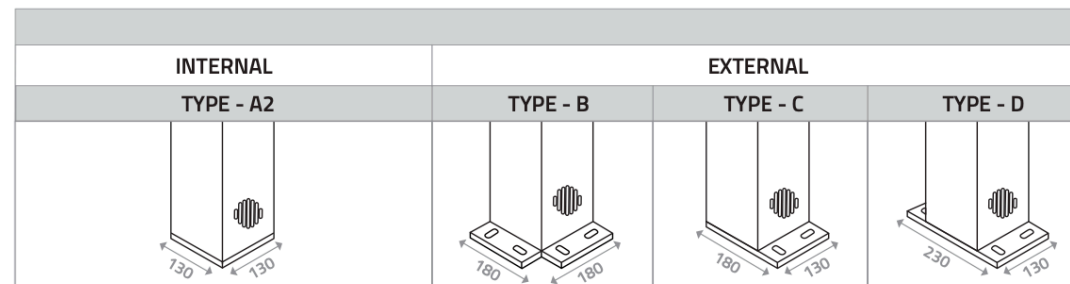
💧

WATER DRAINAGE FOR 2 SUPPORTING POSTS

Based on PN-EN-12056-3 norm, below values were determined for water drainage from pergola's
structure and louvres, based on 0,03 l/(s*m2) rainfall intensity.
Water flow rate through open supporting posts with inspection flaps
and internal sewage pipes with a diameter of 50mm is 2.0 l/s.
In the event of a heavy rainfall, roofed structure drains
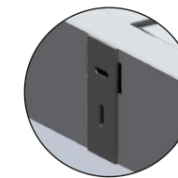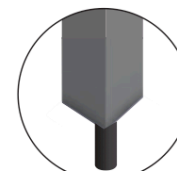65 l/m2/h.

FIXING PLATES

	INTERNAL	EXTERNAL		
	TYPE - A2	TYPE - B	TYPE - C	TYPE - D
	130 · 130	180 · 180	180 · 130	230 · 130

TYPE - C   TYPE - D   TYPE - C

TYPE - B   TYPE - A2   TYPE - B
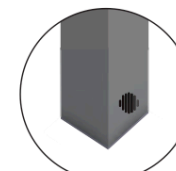
SUPPORTING POST

Open post with maintenance flap

WALL FIXING HANGERS

WATER DRAINAGE

BOTTOM   SIDE

STELLAR SOLSKJERMING AS
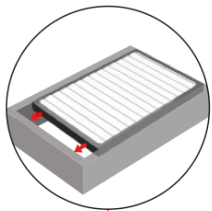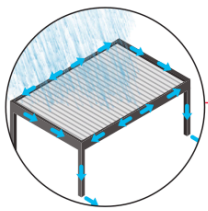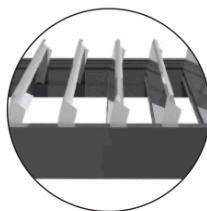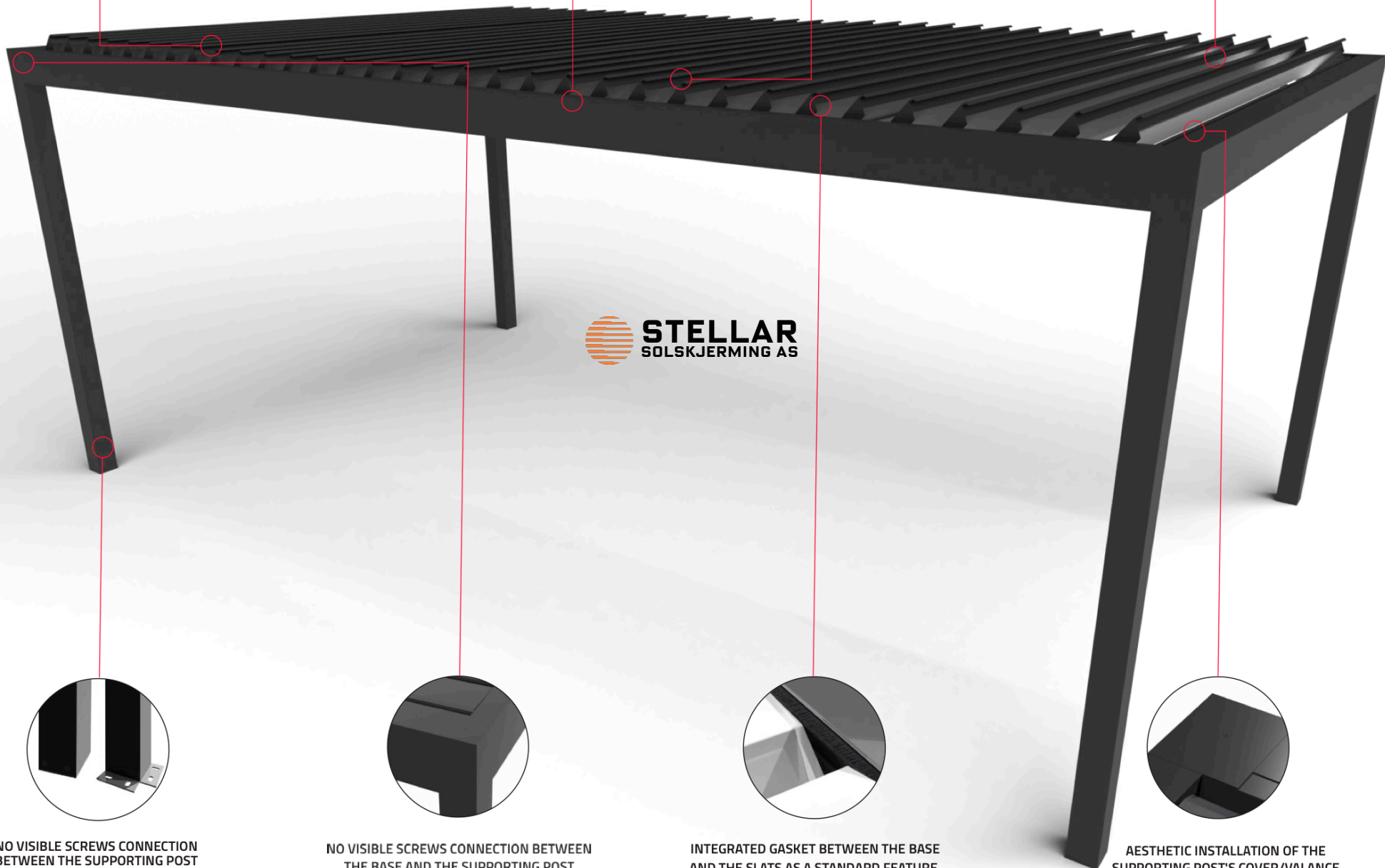
MADE TO MEASURE PERGOLA'S PROJECTION

INTEGRATED, OMNI-DIRECTIONAL GUTTERS AS A STANDARD FEATURE
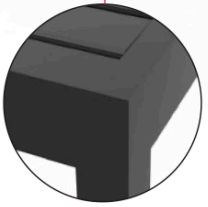
HIDDEN LOUVRES CONTROL STRIPS

FASTER AND EASIER LOUVRES INSTALLATION
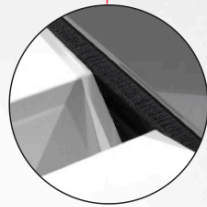
CLICK

STELLAR
SOLSKJERMING AS

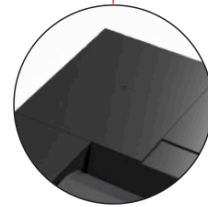**NO VISIBLE SCREWS CONNECTION BETWEEN THE SUPPORTING POST AND THE FIXING PLATES**

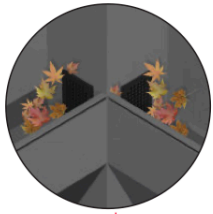**NO VISIBLE SCREWS CONNECTION BETWEEN THE BASE AND THE SUPPORTING POST**

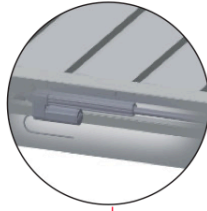**INTEGRATED GASKET BETWEEN THE BASE AND THE SLATS AS A STANDARD FEATURE.**

AESTHETIC INSTALLATION OF THE SUPPORTING POST'S COVER/VALANCE
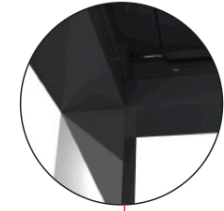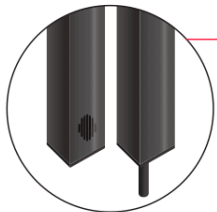
ANTI-POLLUTION GRILLE
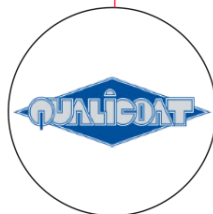
HIDDEN ROOF MOTOR

INNOVATIVE, ENHANCED
SUPPORTING POST

NO VISIBLE SCREWS CONNECTING THE
GUTTER WITH THE BASE OF THE PERGOLA

CLICK

STELLAR
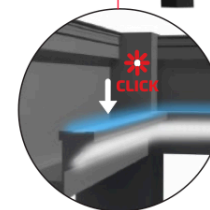SOLSKJERMING AS

POSSIBILITY OF CHOOSING BOTTOM
OR SIDE DRAINS

QUALICOAT POWDER COATING STANDARD

QUALICOAT

CLICK

INNOVATIVE INSTALLATION AND SHAPE OF
THE LED PROFILES INTEGRATED WITH THE GUTTER

2 INNOVATIVE AND MODERN ROOF LOUVRES