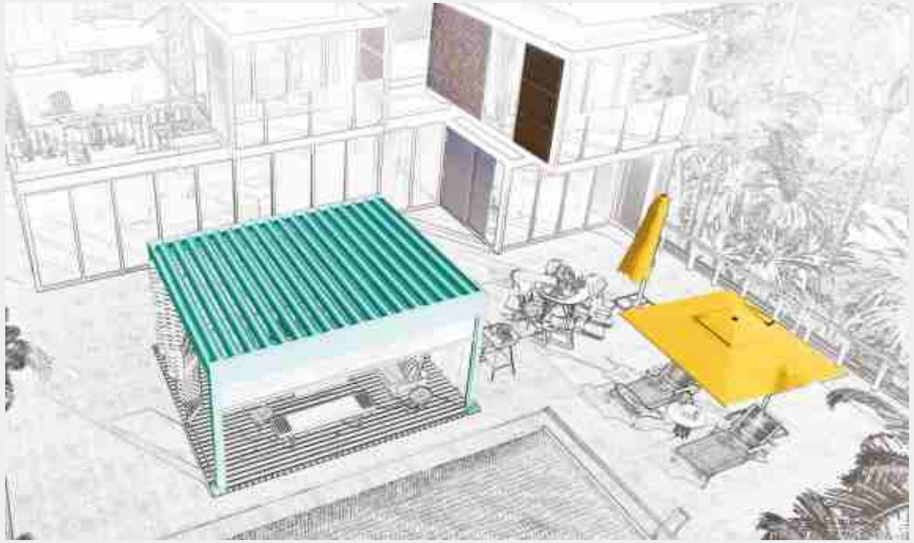


Global Aluminium Outdoor Shading Solutions Provider

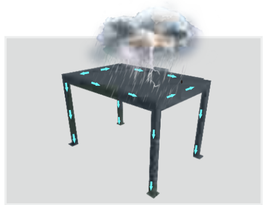
Global Leading Design- Up to 7 meters span of louvered pergola in one module (E300)

PERGOLA & CANTILEVER UMBRELLA

LOUVERED PERGOLA
-PRODUCT INTRODUCTION

Louvered Pergola is a new type of outdoor shading solution that takes into accounts both practicality and fashion.

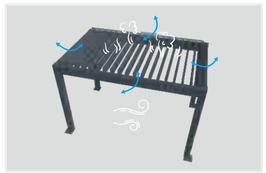
The adjustable blades provide the most comfortable outdoor space experience. The electric or manual control system diversifies in multipurpose scenarios. The standard or customized sizes integrate in different design styles and application.



The sealing tape is built into the blade to achieve better waterproof

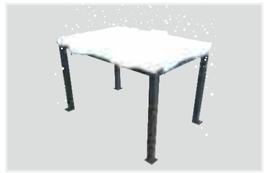
Pass the wind test of grade 12 (>117km/h,63.5-71.8mph)

The aluminium double-layer blades can isolate sun radiation heat & conduction heat.



Hot air to be convected out of blades, achieving ventilation and heat dissipation

Adjust sunlight penetrated through refraction by blade angle of 0-120 degrees.



Load capability of 200kg/M² allow snow height of one meter on the blade of per square meter.

LOUVERED PERGOLA
-CONTROL SYSTEM

Electric Pergola System

Manual Pergola System

Garden

Build a LOUVERED PERGOLA in garden is to create an all-weather outdoor leisure space for family and friends to communicate emotionally and enjoy happiness of daily life.

VS

Outdoor Restaurant

There is no doubt that dining in a well-ventilated and spacious place will be more comfortable. And we can enjoy the view outside at the same time. So there is a growing demand for outdoor restaurant. When build a LOUVERED PERGOLA above the outdoor restaurant, we can not only use it on sunny days, but also not afraid of rain.

VS

Swimming Pool

Build a LOUVERED PERGOLA next to the swimming pool as a sunshade and rest area. Beach chairs and outdoor furniture can be placed under the pergola, which can greatly improve the convenience and comfort of outdoor swimming.

VS

Hotel

Build a PERGOLA in the outdoor public activity area of the hotel as a sunshade and rest area, improve the utilization rate of outdoor space, reduce the use of indoor lighting and air conditioners, to save energy.

Without Pergola

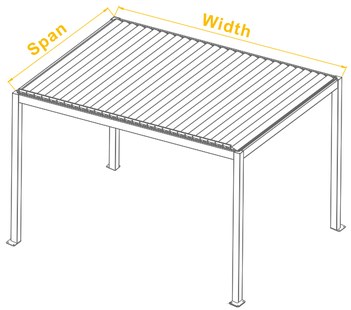
VS

Pergola built

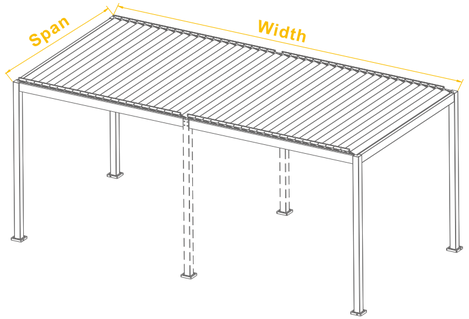
M140S (Lucida)

Manual

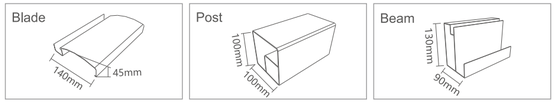
Schematic diagram of single module with 4 posts:



Schematic diagram of single module with 6 posts:



Profiles section view



M140S Standard Size		
Width	Span	QTY of post
3m	3m	4
4m	3m	4
5m	3m	4
6m	3m	6

Standard Color

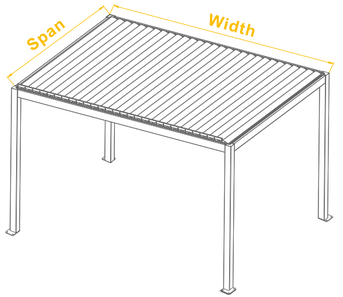
Dark Gray
YFC30041
RAL7043

Matt White
YFS10001
RAL9016

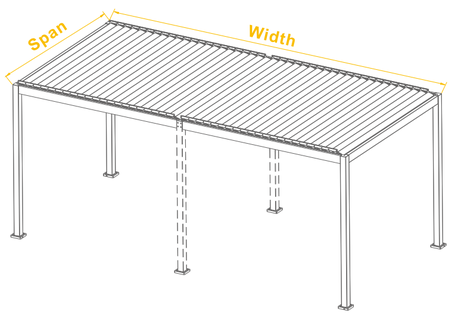
M140/E140 (Stellar)

Manual or Electric

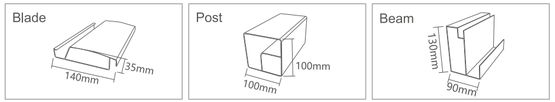
Schematic diagram of single module with 4 posts:



Schematic diagram of single module with 6 posts:



Profiles section view



M140/E140 Standard Size		
Width	Span	QTY of post
3m	3m	4
4m	3m	4
5m	3m	4
6m	3m	6
4m	4m	4

Standard Color

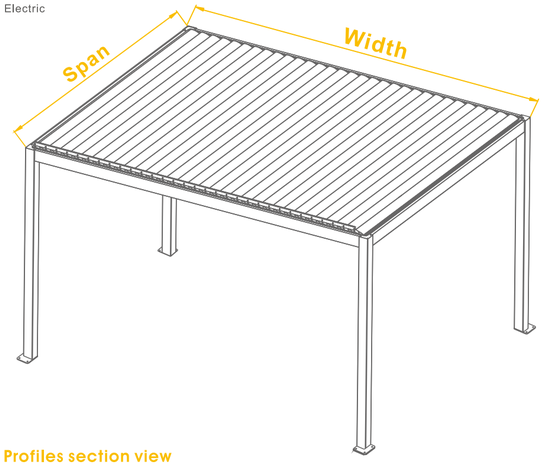
Dark Gray
YFC30041
RAL7043

Matt White
YFS10001
RAL9016

M170/E170 (Aurora)

Manual Electric

Schematic diagram of single module
with 4 posts:



M170/E170 Standard Size

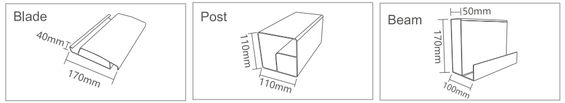
Width	Span	QTY of post
3m	3m	4
4m	3m	4
5m	3m	4
6m	3m	4
4m	4m	4
5m	4m	4
6m	4m	4

Standard Color

Dark Gray
YFC30041
RAL7043

Matt White
YFS10001
RAL9016

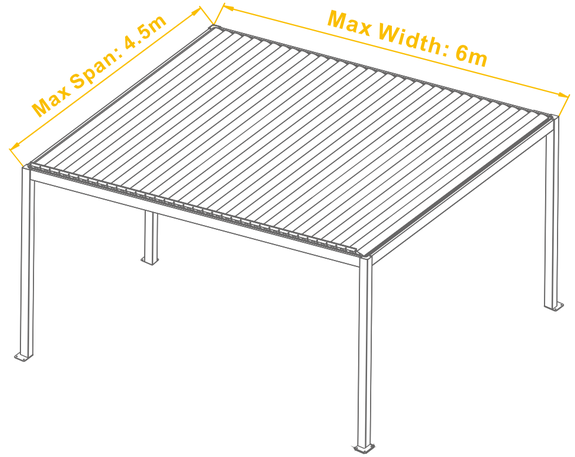
Profiles section view



E220 (Luna)

Electric

Schematic diagram of the maximum dimensions
of a single module with 4 posts:



E220 Standard Size
(Custom size available)

Width	Span	QTY of post
3m	3m	4
4m	3m	4
5m	3m	4
6m	3m	4
3m	4m	4
4m	4m	4
5m	4m	4
6m	4m	4

Custom size available:
the maximum dimensions of
a single module is 27㎡

Standard Color

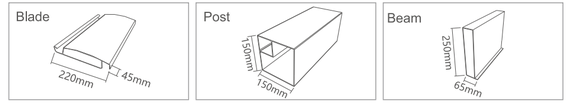
Dark Gray
YFC30038
RAL7016

Matt White
YFS10001
RAL9016

Matt Brown
YFS70002
RAL8014

Matte Black
YFC80004
RAL9011

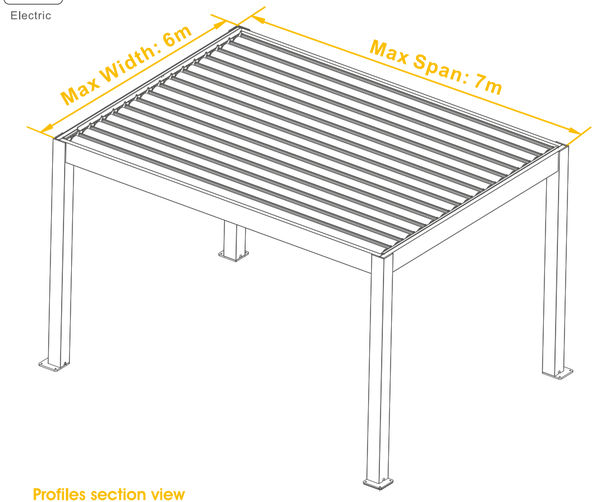
Profiles section view



E300 (Wanax)

Electric

Schematic diagram of the maximum dimensions of a single module with 4 posts:

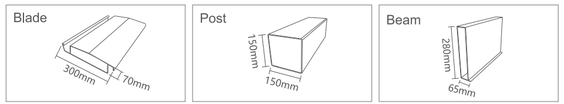


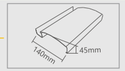
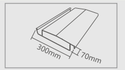
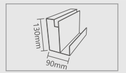
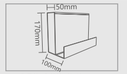
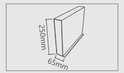
Standard Color

Galaxy series Matte white RAL9002	Galaxy series Silver grey RAL7035	Galaxy series Quartz grey /ice grey RAL7039	Galaxy series Champagne Freeze PMM237	Galaxy series Grey brown RAL8019
Matte white YFS10001 RAL9016	Anthracite grey YFC30038 RAL7016	Dark grey YFC30041 RAL7043	Matte black YFC80004 RAL9011	Oak timber YFCM0086N

Custom size available: the maximum dimensions of a single module is 42㎡

Profiles section view



M:Manual Control **E**:Electric Control	**Lucida M140S**	**Stellar M140/E140**	**Aurora M170/E170**	**Luna E220**	**Wanax E300**
All aluminium 6063-T5 Components:SS304	 140x45x1.2mm	140x35x1.2mm	170x40x1.6mm	220x45x1.8mm	 300x70x3.0mm
	130x90x1.5mm	 130x90x1.5mm	 170x100x2.0mm	 250x65x2.0mm	280x50x3.0mm
	100x100x1.8mm	100x100x1.8mm	110x110x2.0mm	150x150x2.3mm	150x150x4.0mm
Blade Advantage-Maximum Span	3m One blade maximum span 3m.	4m One blade maximum span 4m.	4m One blade maximum span 4m.	5m One blade maximum span 5m.	7m One blade maximum span 7m.
Post Advantage	①Wet and dry separation ②Strong structure ③Patent Design				Strong structure, 4mm thickness
Gutter Advantage	Frame and gutter integrated design, Easy install and strong.			With big gutter, fast drainage	
Standard Size (If have quantity, customized available.)	①3x3m ②4x3m ③5x3m ④6x3m (with 6 posts)	①3x3m ②4x3m ③5x3m ④6x3m (with 6 posts) ⑤4x4m	①3x3m ②4x3m ③5x3m ④6x3m ⑤4x4m ⑥5x4m ⑦6x4m	①3x3m ②4x3m ③5x3m ④6x3m ⑤3x4m ⑥4x4m ⑦5x4m ⑧6x4m ⑨Custom size available.	Custom size available.
Blade Advantage-Waterproof Function	With rubber strip in blades,better waterproof performance.				
Wind Load	Beaufort Scale 12 Hurricane				
Snow Load	①0.43m ②85kg/m^2 (Base on louver 3m span)	①0.43m ②120kg/m^2 (Base on louver 3m span)	①0.5m ②135kg/m^2 (Base on louver 4m span)	①0.8m ②190kg/m^2 (Base on louver 4m span)	①1m ②200kg/m^2 (Base on louver 6m span)
Light System	①No Light ②LED Light Strip around the gutter		①No Light ②LED Light Strip built in the blade		①No Light ②Down Light built in the blade or beam

Zip Screen

- An excellent side shading system for pergola.
- A perfect match with pergola through the same colour system.
- The combination of shading fabric and balancer make sure the opening and closing stability and strong wind resistance.

Standard Fabric

Light Transmittance: **5%**

Dark Grey | White | Black | Black Grey | Brown

Wind-resistance | Shading | Light-adjust | Ventilation | Privacy | Heat-insulated | Temperature control | UV resistant

Aluminium Shutter

- Achieve the isolation with the penetration rate of 0.00 for visible light, direct sunlight and UV.
- The aerofoil-shaped double-layer louver enhance the bending strength to resistant from external force and achieve the protection.
- The aluminium shutter with blades is kind of product possessing functions of shading, protection and decoration.

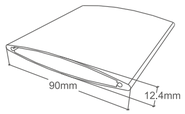
Standard Model:

▲ Fixed Shutter

▲ Sliding Shutter

▲ Bi-folding Shutter

Blade Size:



Standard Color:

Dark Gray
YFC30038
RAL7016

Dark Gray
YFC30041
RAL7043

Matt White
YFS10001
RAL9016

Matt Brown
YFS70002
RAL8014

Matte Black
YFC80004
RAL9011

OAK
YFCM0068N

Manual

Wind-resistance

Shading

Light-adjust

Ventilation

Privacy

Heat-insulated

Temperature control

UV resistant

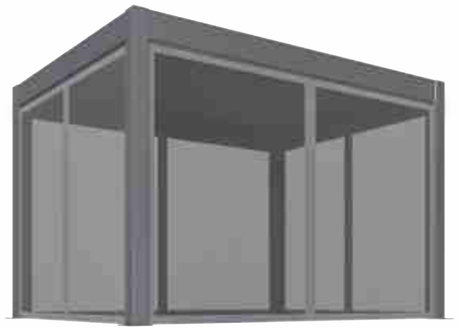
Electric Slat Louver

- For electric control side shading and privacy of the pergola.
- This is an High-end version of the louver screen for the side shading of the pergola.
- With remote control opening and closing 140 series louver blades and motor build into the frame make the electric aluminium louver more atmospheric and elegant.

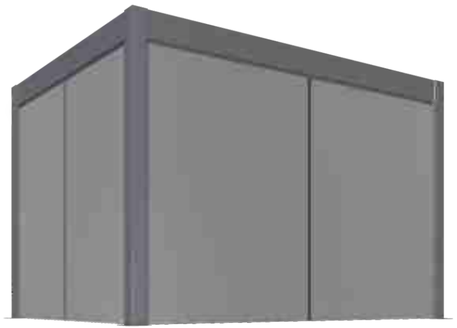
LOUVERED PERGOLA
-SUPPLEMENT

Sidewall Net

- For prevent the entry of mosquitoes and flying insects while also providing protection against dust and leaves.
- There are four separate panels with a zipper on each panel of this sidewall net, in order to connect with the adjoining piece.
- The nylon mesh material of this sidewall net makes enjoying your time under the outdoor pergola easy and pleasurable.



▲ Mosquito Net



▲ Curtain

LOUVERED PERGOLA
-SUPPLEMENT

Wind-resistance | Shading | Ventilation | Privacy

Sheer Curtain

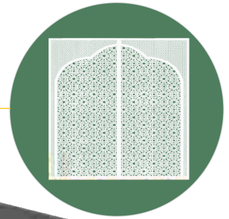
- For sun protection, UV protection, privacy and decorative of the pergola.
- Sheer curtain is a great way to make the most of natural light and create a bright and soft outdoor feel and provide privacy and protection from intruding insects and dust.

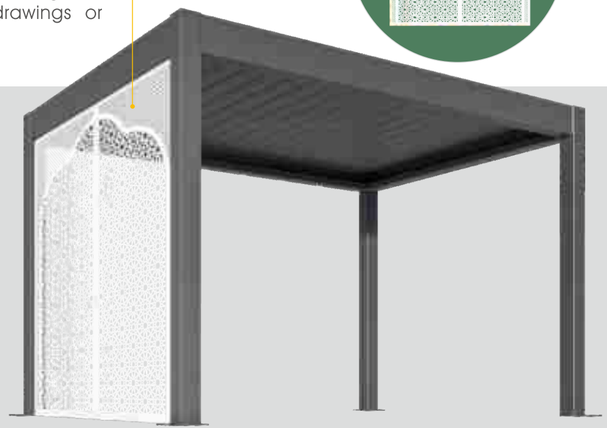
LOUVERED PERGOLA
-SUPPLEMENT

Shading | Light-adjust | Ventilation | Privacy | UV resistant

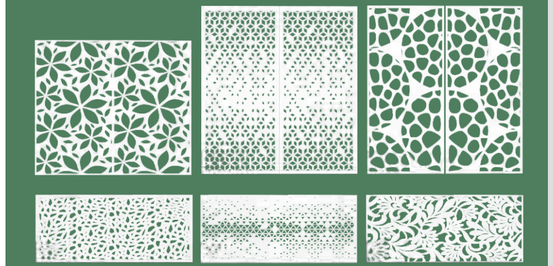
Aluminium Perforated Screen

- For the partial shading and decoration.
- Comparing with common metal plates, the decorative aluminum perforated sheets are lighter in weight and higher in strength, especially in changing styles, and are more suitable for decorative sunshade of the pergola.
- Hole patterns: the round, rectangular, triangle, diamond, hexagonal, cross, slotted. Other hole types according to your drawings or requirements are available.





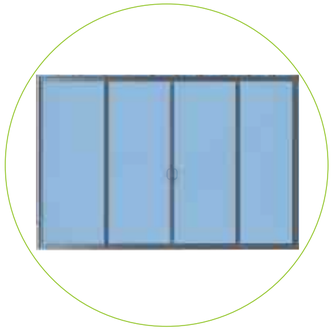
Optional Patterns:



Shading | Ventilation | Privacy | Heat-insulated

Sliding Glass Door

- To make a pergola to be a private room.
- We can also combine the aluminium sliding glass door with our pergola for a safer and more private separate room.

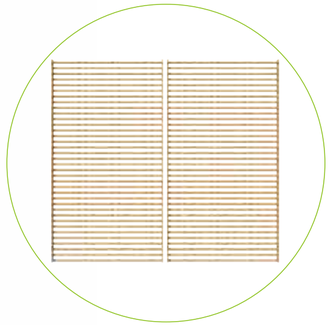


LOUVERED PERGOLA
-SUPPLEMENT

Wind-resistance | Temperature control | Protection

Fixed Aluminium Screen

- A sufficiently durable aluminium structure instead of wood material.
- The decorative screen and pergola are integrated into surrounding with practicality andartistry.



LOUVERED PERGOLA
-SUPPLEMENT

Shading | Ventilation | Privacy | Heat-insulated

LOUVERED PERGOLA
-LIGHT SYSTEM

LED light strip around the gutter

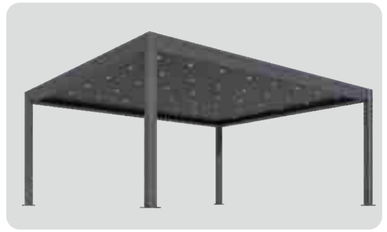
For 140 series

LED light strip built in the blade

For 170&220 series

E220 can be provided of LED light strip with RGB

For 220 series



Down light

For 300 series

LOUVERED PERGOLA
-ADDITIONAL COMPONENTS

Rain Wind Sensor

It is a device that automatically senses and detects wind, light, and rain in natural climates, and transmits the detected signals to the receiver to realize automatic closing to protect the electric louvered pergola.

Solar Panel

By absorbing sunlight and converting it into electrical energy, the control system and lighting system can be electrically controlled without being connected to the power supply.

Heater

The electric heater heats up quickly and the heat is not easy to spread, so it is suitable for heating in the pergola.

Freestanding — 4 posts

Unilateral Mounting — 2 posts

Corner Wall Mounting — 1 post

Roof Standing — No post

Out of shape is also available

Conjoined Post Standing — 2 conjoined posts

9
11-20

FIXED PERGOLA
-PRODUCT INTRODUCTION

The whole design of the fixed pergola is based on simplicity and lightness. The top of the fixed shed is composed of several aluminum square tube screens. This fixed pergola breaks the mediocrity of the conventional linear layout, it will also brings your outdoor living more bright, leisure and interesting.

Standard Color

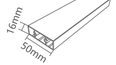
Matt White
YFS10001
RAL9016

Dark Gray
YFC30041
RAL7043

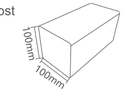
Oak timber
YFCM0086N

Profiles section view

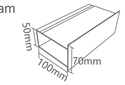
Blade



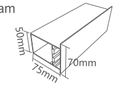
Post



Beam



Beam



FIXED PERGOLA
-PRODUCT INTRODUCTION

Sheer Curtain

- For sun protection, UV protection, privacy and decorative of the pergola.
- Sheer curtain are a great way to make the most of natural light and create a bright and soft outdoor feel and provide privacy and protection from intruding insects and dust.

FIXED PERGOLA
-SUPPLEMENT

Shading | Light-adjust | Ventilation | Privacy | UV resistant

Aluminium Perforated Screen

- For the partial shading and decoration.
- Comparing with common metal plates, the decorative aluminum perforated sheets are lighter in weight and higher in strength, especially in changing styles, and are more suitable for decorative sunshade of the pergola.
- Hole patterns: the round, rectangular, triangle, diamond, hexagonal, cross, slotted. Other hole types according to your drawings or requirements are available.

Shading | Ventilation | Privacy | Heat-insulated

Shade Sail

- For top Shading.
- Stylish and durable, shade sails instantly boost the shade capabilities of the fixed pergola.
- Makes fixed pergola more practical by providing UV protection and sun shade.

FIXED PERGOLA
-SUPPLEMENT

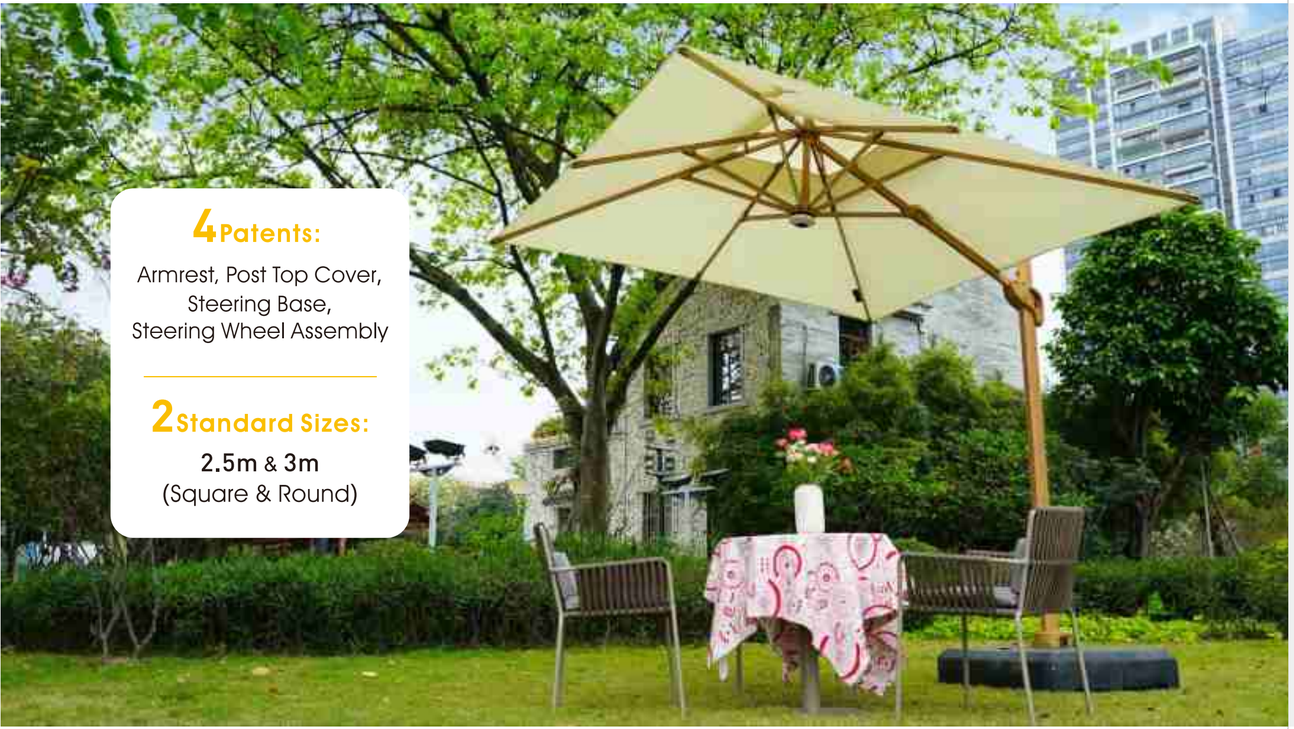
Shading

UV resistant

Outdoor String Light with solar system

- For decoration.
- Outdoor string light give off a warm glow and a charming look that's perfect for the cozy feel of a pergola.
- With solar system, you are no worry about wiring the wires.
- Try lining the perimeter of your structure with lights, or do a combination of perimeter and zigzag strings of lights.

FIXED PERGOLA
-SUPPLEMENT



4 Patents:

Armrest, Post Top Cover,
Steering Base,
Steering Wheel Assembly

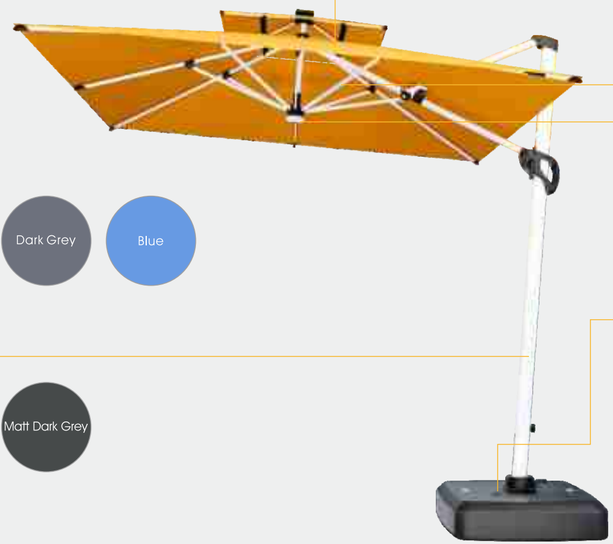
2 Standard Sizes:

2.5m & 3m
(Square & Round)

ALUMINIUM CANTILEVER UMBRELLA
PRODUCT INTRODUCTION

Supporting Facilities

- Custom Logo on the Fabric
- LED Light System
- Bluetooth Center Light



Fabric

Imported Fabric (Para)

Orange | Beige

Domestic Fabric

Cream | Khaki | Dark Grey | Blue

Aluminium Frame

White | Wood Grain | Matt Dark Grey

Standard Weighted Base

- Marble Base

- The Tank Base

APPLICATION

The most flexible outdoor sunshade product that shading place can be moved arbitrary.

Appearance Patent

- ☑ Armrest
- ☑ Post Top Cover
- ☑ Steering Base

Utility Model Patent

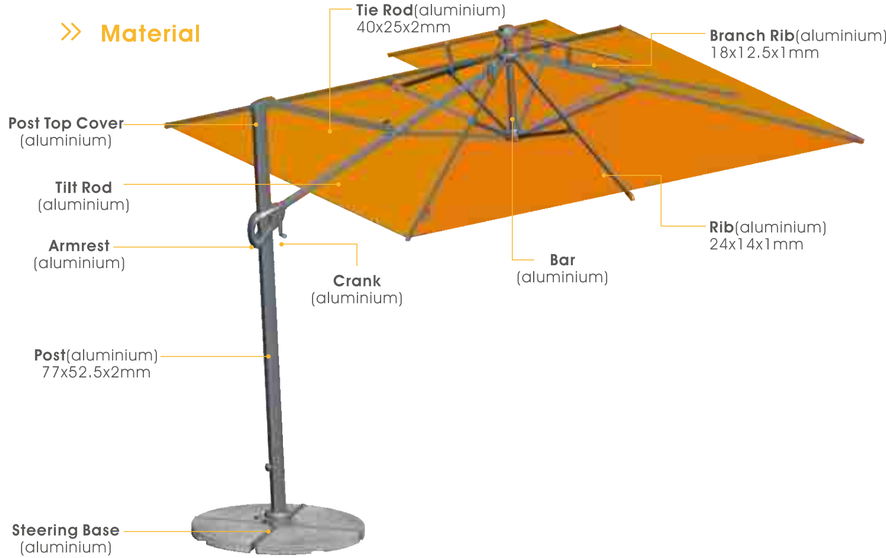
- ☑ Steering Wheel Assembly

Passed Tests

- ☑ Salt Spray Test ☑ Drop Test
- ☑ Rain Test

- Materials of screws and rivets: SS304; Material of plastic: PP+15% glass fiber.
- After more than 500 opening and closing tests, it can still be used normally.
- Suggestion: Put away the umbrella when the wind reaches level 5.

» Material



Cantilever Umbrella I Square

Cantilever Umbrella I Round

» Standard Fabric

Domestic Fabric: 240g/㎡ dyed fabric with color fastness level 3, American Standard 1200H.

Imported Fabric (Para): 270g/㎡ yarn dyed fabric with color fastness level 7-8, American Standard 2500H.