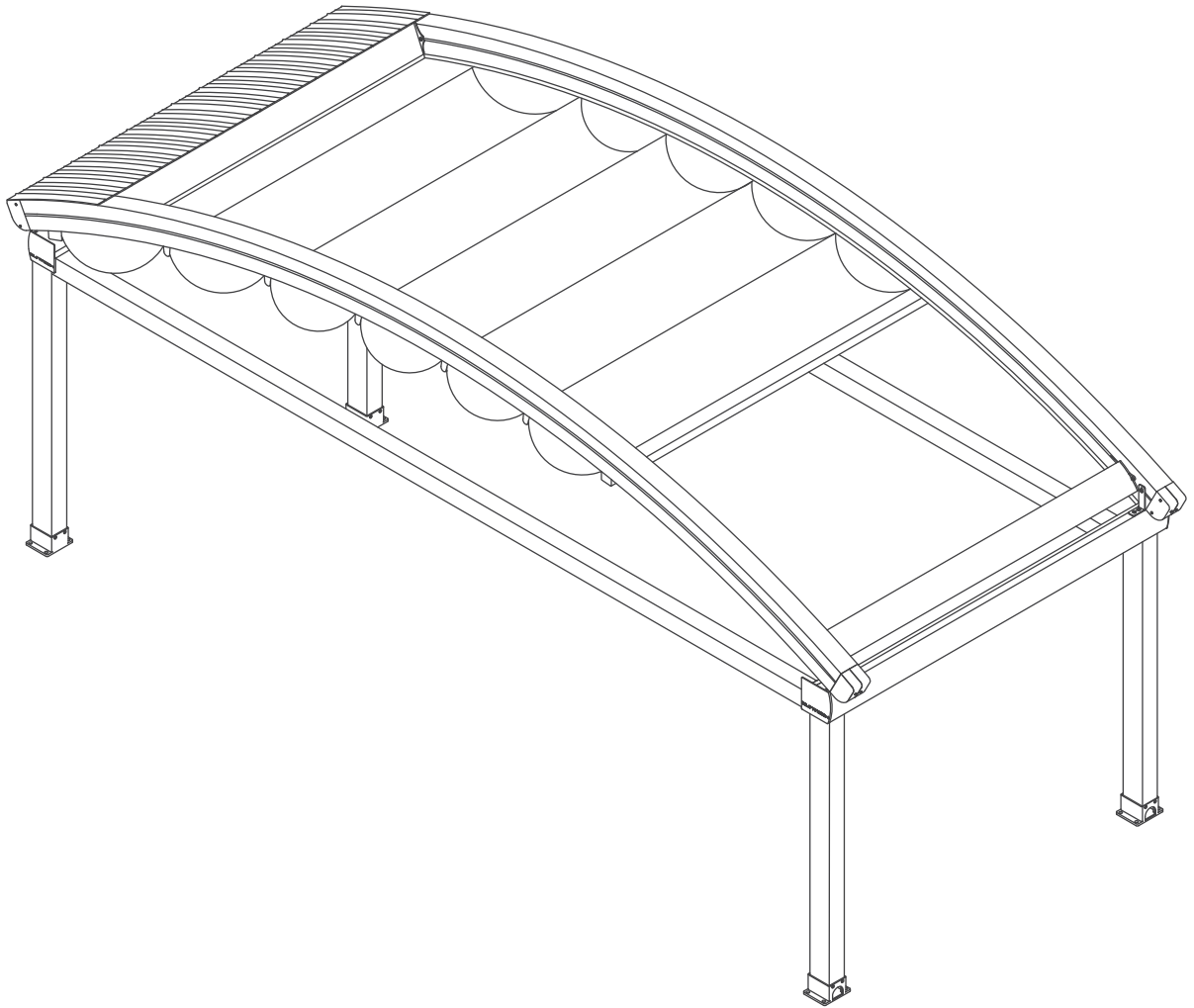


Luna



Luna free standing retractable curved pergola system

The LUNA free standing retractable curved pergola system provides an advanced solution to enable outdoor areas to be used in all weather conditions. The system offers a wind rating up to Beaufort class 11 (up to 117km/h).

The system is manufactured to size using high grade 6063 extruded aluminium profiles finished with thermosetting powder coating which provides superior overall performance for exterior product applications. All bolts, screws and pins are high grade stainless steel to ensure extended system life.

The LUNA rafter profiles (LT: 80mm x 125mm / XL: 110mm x 160mm) have been designed with unique water guard side channels and cast aluminium end plates to allow for projection dimensions up to LT: 7m / XL: 11m per system. The width dimensions are customised according to site requirements and available in any size up to 13m. The LUNA system offers up to LT: 91sqm / XL: 143sqm of weatherproof protection with a touch of button but when required linking multiple systems is also possible and made easy by our patented storm channel joining system that ensures 100% waterproof join every time.

Remote controlled motorisation is provided by utilising European technology through a custom built direct drive motor system to ensure smooth and quick operation at 26RPM. The optional hi powered LED-TEC lighting system provides a practical touch of class and when coupled with a remote dimming controller allows the user to change the mood to suit the surrounding environment.

The heart of the system is driven by the Suntech F3 eight wheeled slider carriages (each F3 slider carriage has a load limit of 600kgs) that incorporates a triple layer barrier system and works in conjunction with a timing belt that has been reinforced with multiple internal stainless steel cables to provide a pulling strength of 966kg. This tension is applied to the fabric membrane and ensures all water drains away in the dual internal gutter systems.

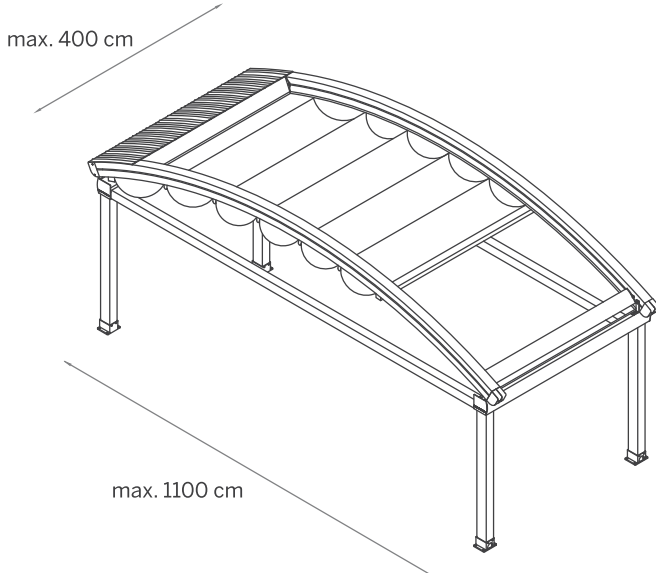
The fire rated and 100% waterproof architectural membrane is available in a range of colours in both opaque and transparent that provides maximum stability and resistance to temperature, moisture and dirt. It does not shrink or bag, and the acrylic top coating makes it very easy to clean for years to come. When not in use the fabric is neatly retracted under the systems hood to provide protection from the elements when not required.

To ensure the highest level of protection Suntech systems focus on all the details, this is why all Suntech systems come standard finished with Stormguard soft touch edge seal on all parameters. Stormguard provides the ultimate protection against rain and draught intrusion around the outside of the system and is only available on our systems. Stormguards soft touch edge seal is produced from an extra soft & flexible rubber to ensure the best possible protection from the elements.

Luna

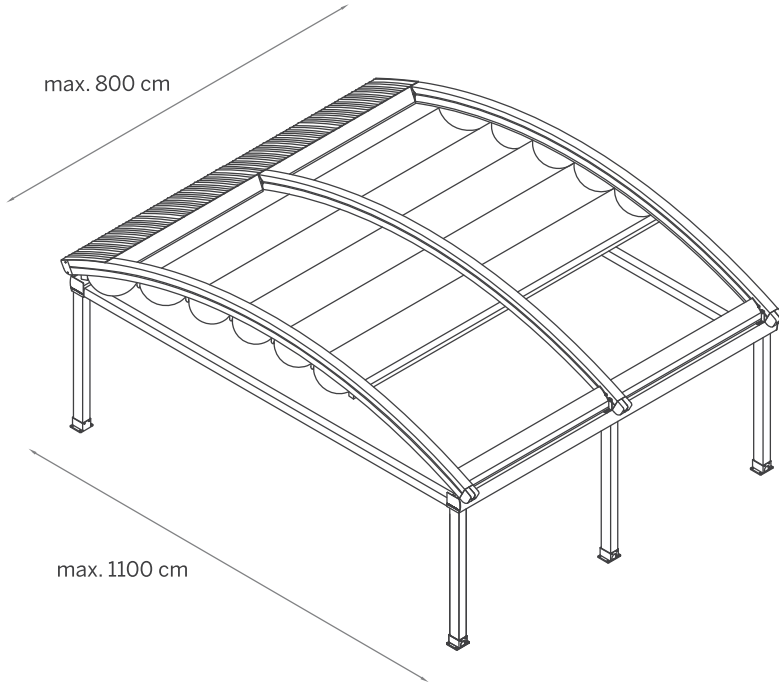
One Module

200 cm > 400 cm
One Module with one motor & 2 rafters



Two Modules

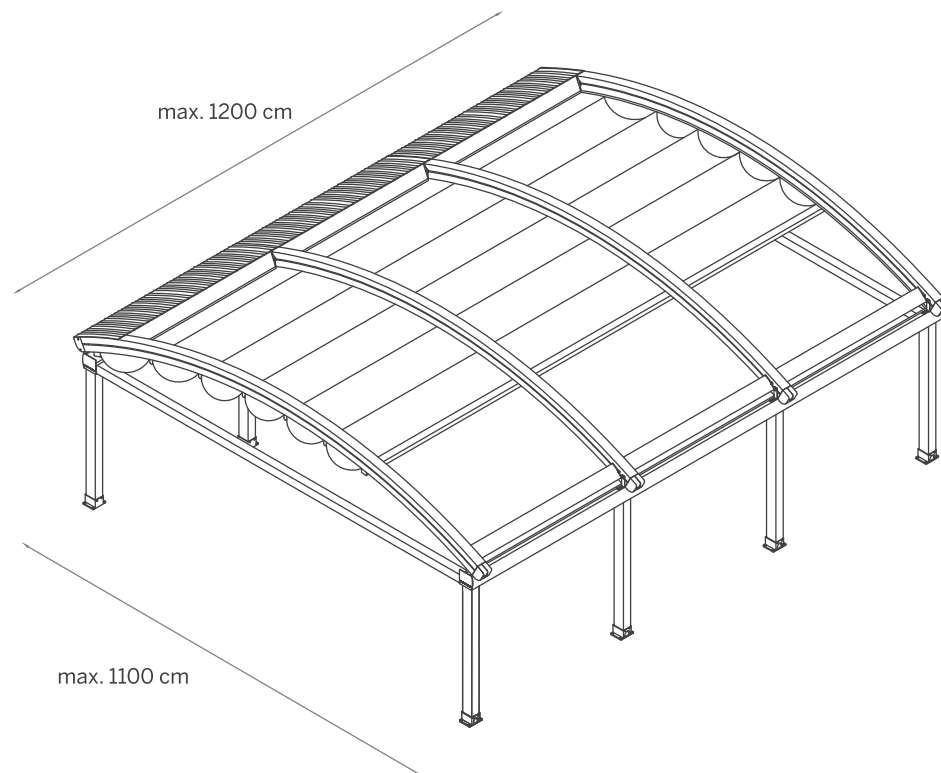
400 cm > 800 cm
Two Modules with one motor & 3 rafters



Three Modules

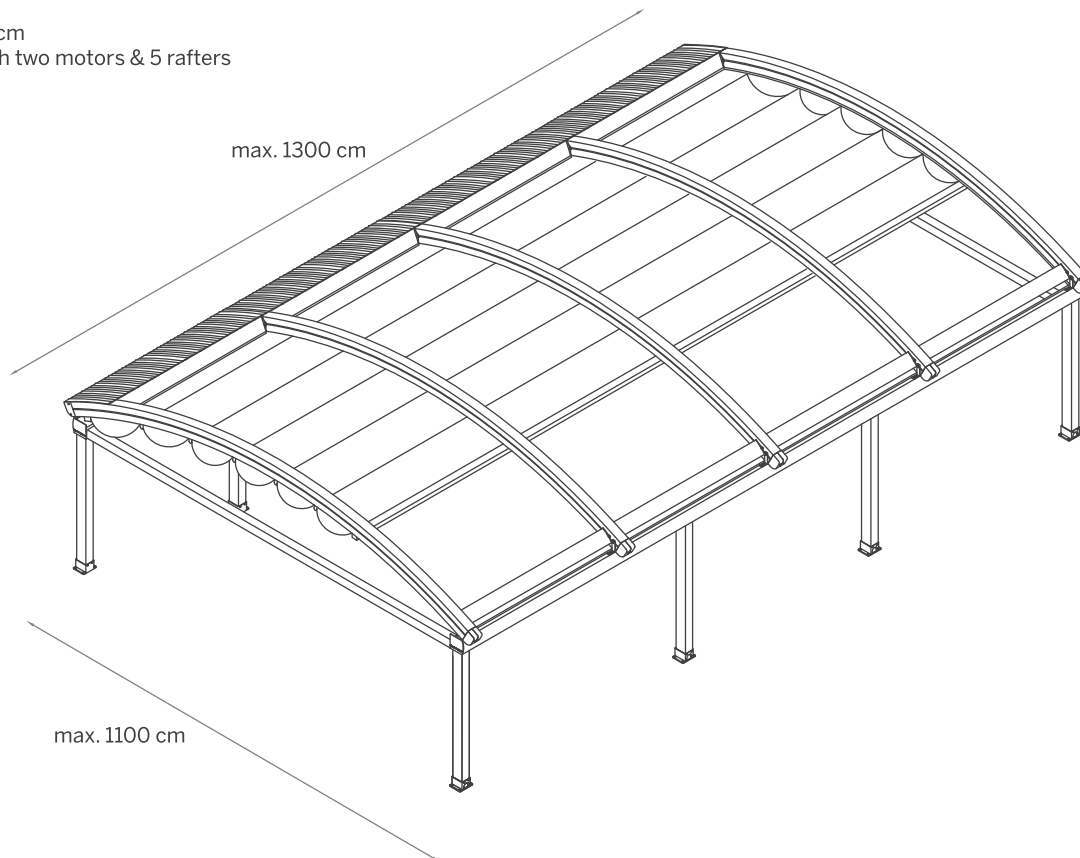
800 cm > 1200 cm

Three Modules with two motors & 4 rafters

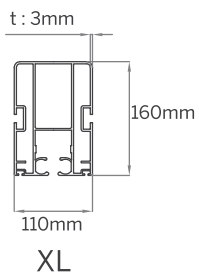
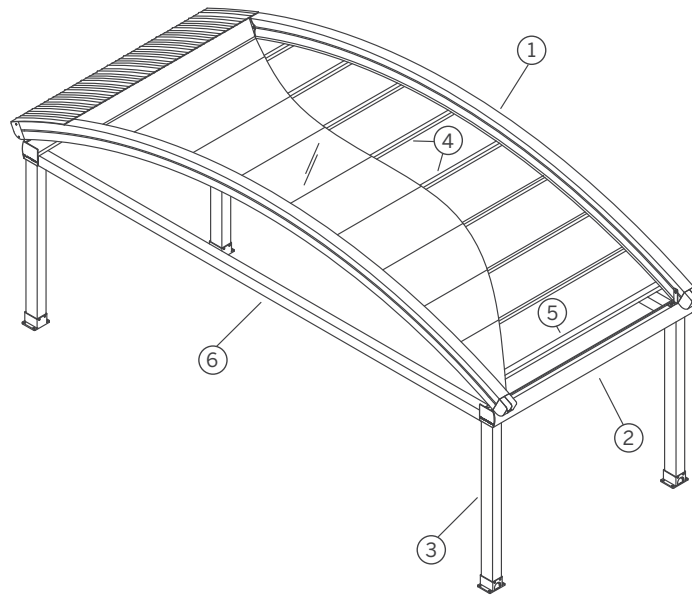
**Four Modules**

1200 cm > 1300 cm

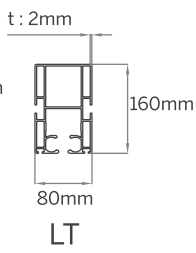
Four Modules with two motors & 5 rafters



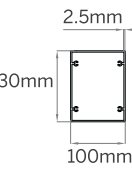
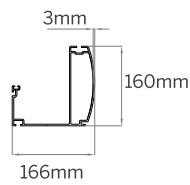
Luna



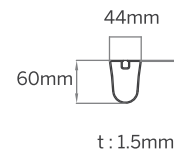
① Rafter



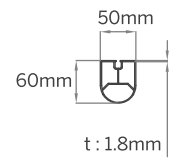
② Gutter



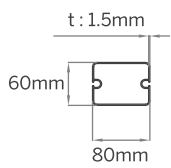
③ Post



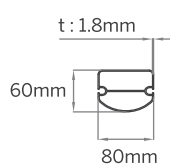
④ Fabric Support (Standart)



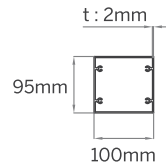
④ Fabric Support (HDD Lux)



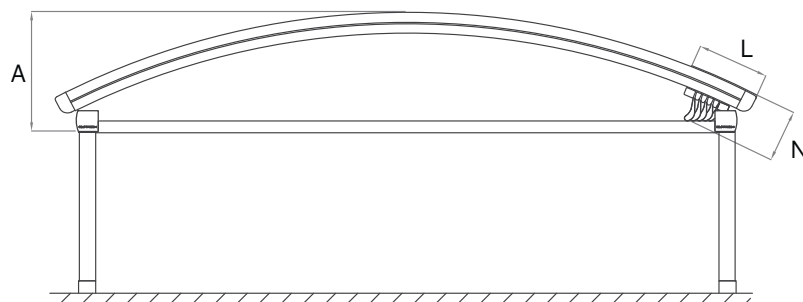
⑤ Puller Profile (Standart)



⑤ Puller Profile (HDD Lux)



⑥ Side Rafter



Luna LT

	Fabric Height	Hood	Fall	Fab.Sup.Profiles
	(N*) mm	(L*) mm	(A*) mm	pc*
300	370	731	588	9
350	370	724	705	9
400	370	830	779	11
450	370	962	922	13
500	370	953	843	13
550	370	1066	967	15
600	370	1178	847	17
650	370	1190	949	17
700	370	1281	962	19

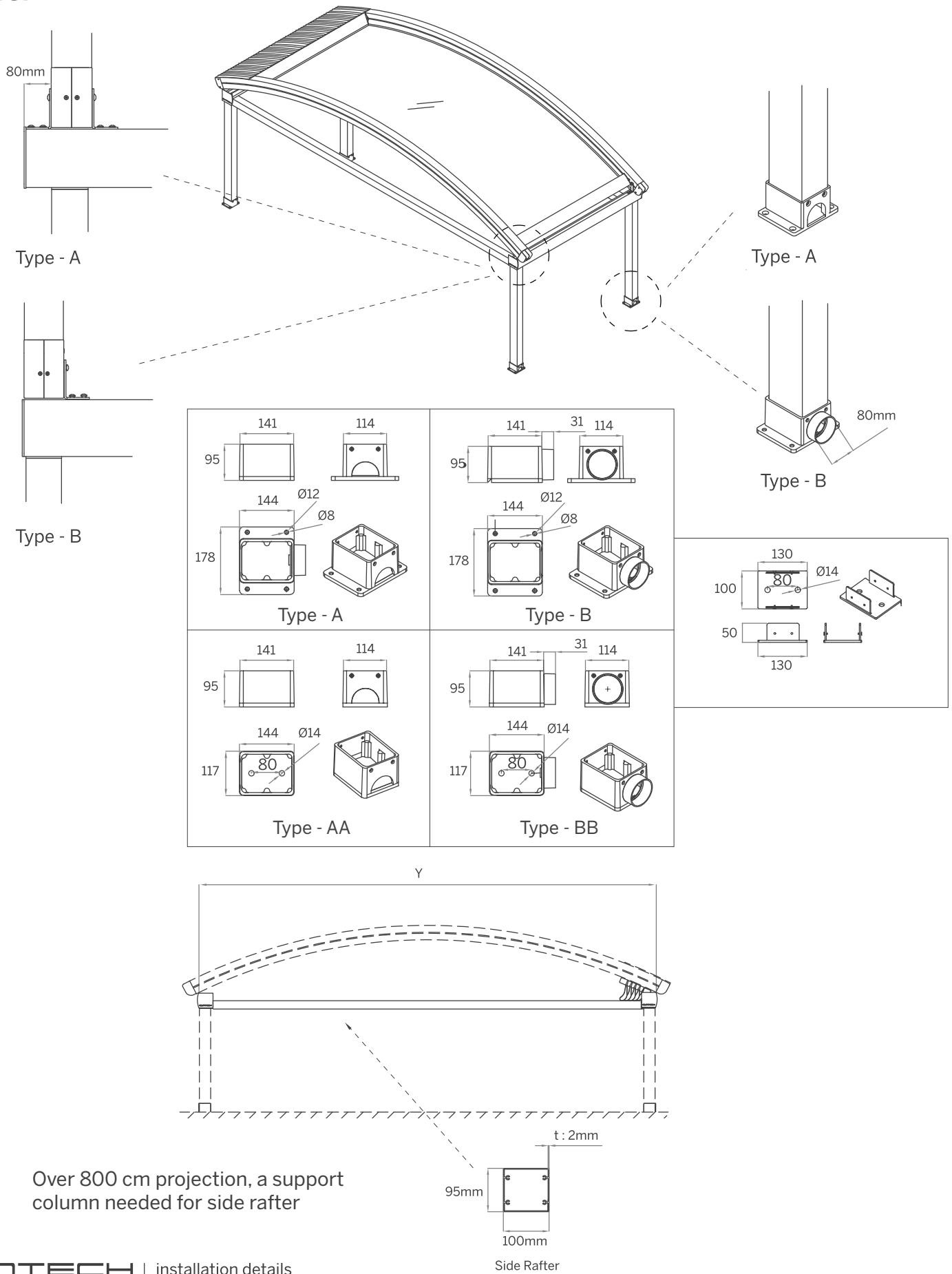
*Values can vary by different radius values.

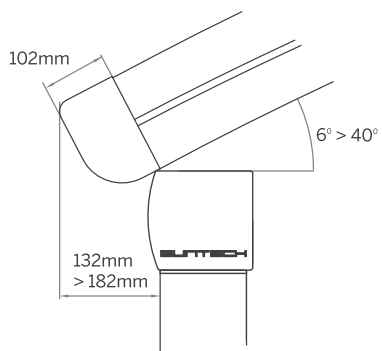
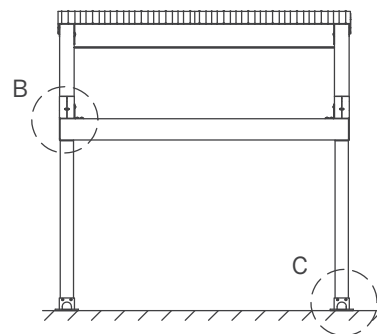
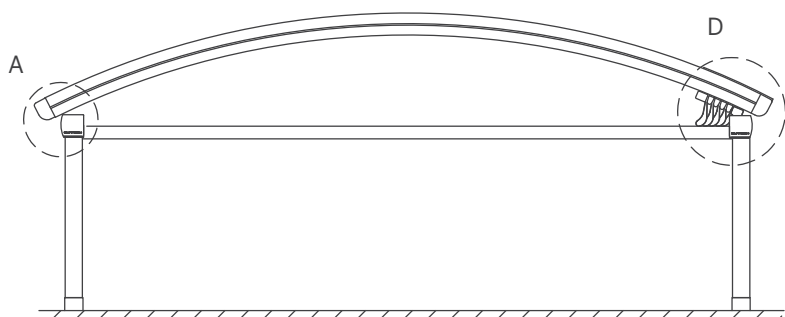
Luna XL

	Fabric Height	Hood	Fall	Fab.Sup.Profiles
	(N*) mm	(L*) mm	(A*) mm	pc*
300	370	755	623	9
350	370	744	740	9
400	370	848	814	11
450	370	968	957	13
500	370	950	878	13
550	370	1078	1002	15
600	370	1178	882	17
650	370	1192	984	17
700	370	1288	997	19
750	370	1406	1101	21
800	370	1390	1086	21
850	370	1493	1189	23
900	370	1502	1137	23
950	370	1612	1234	25
1000	370	1635	1238	25
1050	370	1726	1202	27
1100	370	1724	1202	27

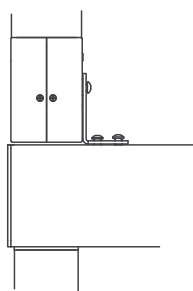
*Values can vary by different radius values.

Luna

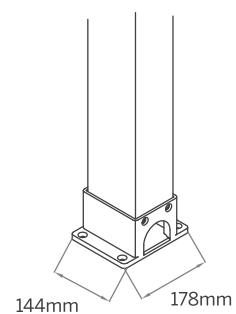




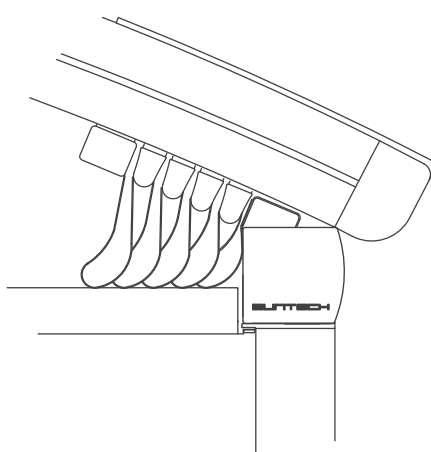
DETAIL A



DETAIL B

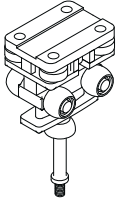


DETAIL C



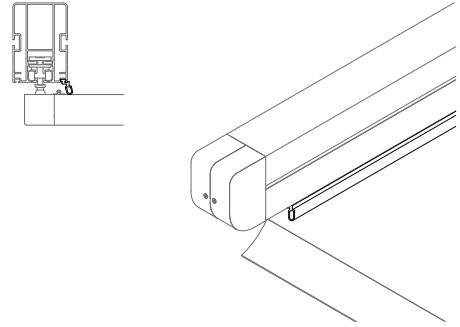
DETAIL D

Luna



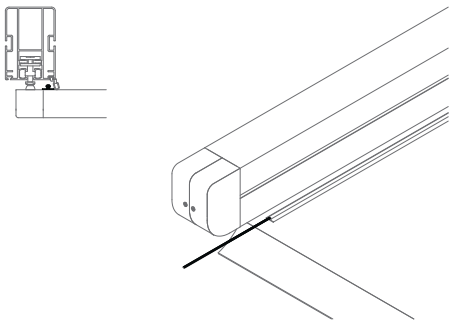
F3 Eight wheel slider

Four horizontal & four vertical rollers working together for perfectly smooth operation every time. The F3 eight wheel system is proven to remove the jamming issue that occurs with the 4 wheel system and can take loads of upto 600KG.



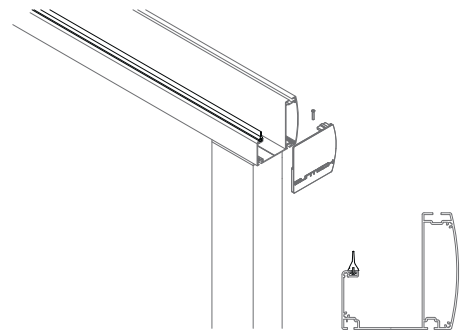
Rafter stormguard edge seal

The rafter Stormguard edge seal stops water from dripping over the side of the system by providing a soft cushioning barrier along the side of the system.



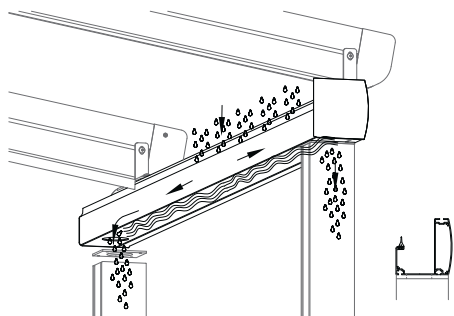
Fabric anti-drop edge cord with electrical cable

The fabric anti-drip edge cord with integrated lighting electrical cable works in conjunction with the Stormguard edge seal to prevent any water leaks over the side of the system.



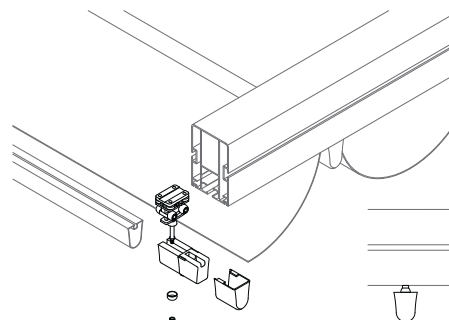
Gutter stormguard seal

The Stormguard gutter seal provides a perfect seal to prevent water leaks along the front of the system from driving rain or splashing from the gutter.



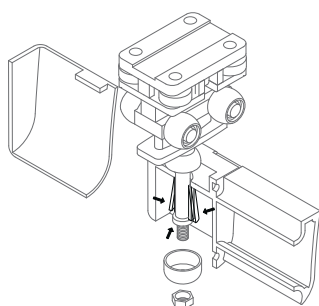
Integrated gutter & internal drainage system

The integrated gutter system provides the perfect solution for water drainage.



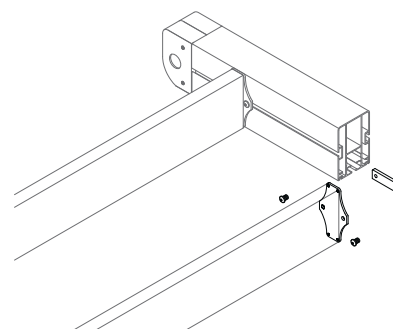
F3 slider and fabric profile assembly

The system has been designed for ease of assembly to save time on installations and reduce the number of staff required.



F3 slider easy clip installation

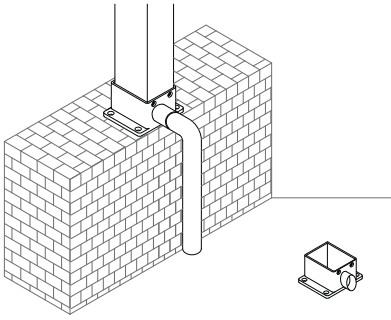
The F3 system has been designed for ease of use, to save time on installations and reduce the number of staff required. Each F3 slider can take loads of upto 600KG once in place.



Motorbox support & hood support profile easy installation

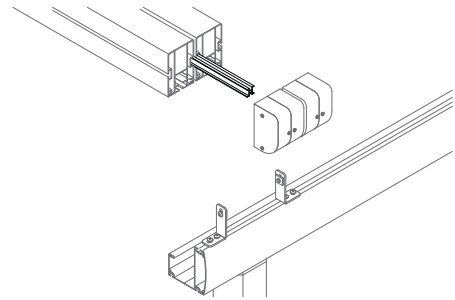
Each support profile is easy to install and simple to adjust at the time of installation.

Luna



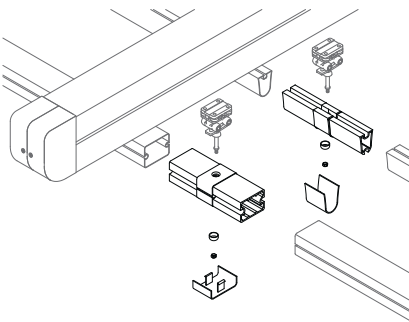
Base plate with external spout

This base plate provides a water dispersal solution.



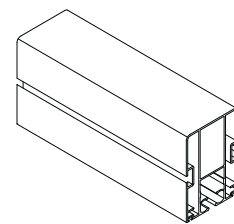
Storm channel for joining system

The storm channel is patented solution for joining two systems side by side with a waterproof join.



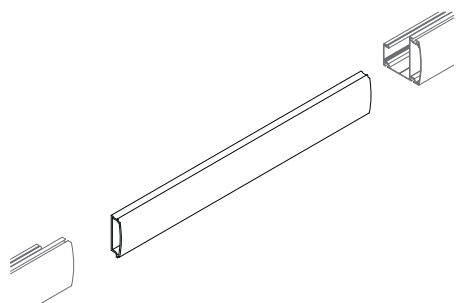
Easy clip intermediate joints (for 2 & 3 module systems)

The Easy clip intermediate joints have been designed for ease of site assembly to save time and reduce the number of staff required.



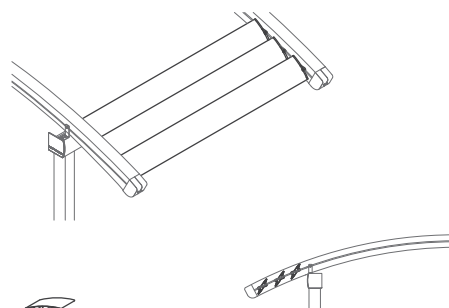
Rafter profile with side channels for easy installation

The Suntech rafter profiles are designed with functional side channels for easy installation.



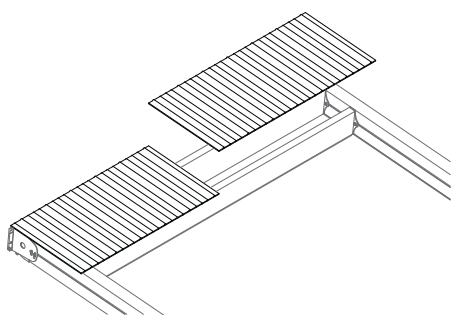
Gutter profile joining bar

A smart solution for joining the gutter profiles.



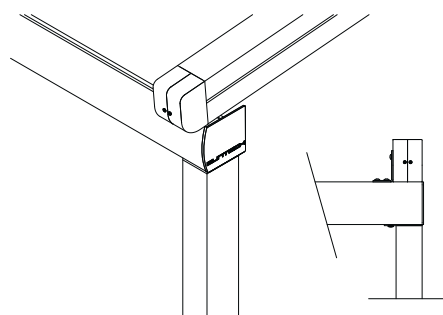
Aerofoil Louvres

The addition of Aerofoil louvres can provide added shade when the system is closed.



Hood profile sheets

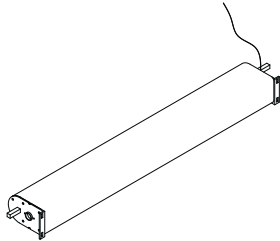
Suntech's hood profile sheets provide an attractive covering solution for the system when not in use. The low profile aesthetic design offers additional protection to the system with a chic touch.



Gutter flush with rafter

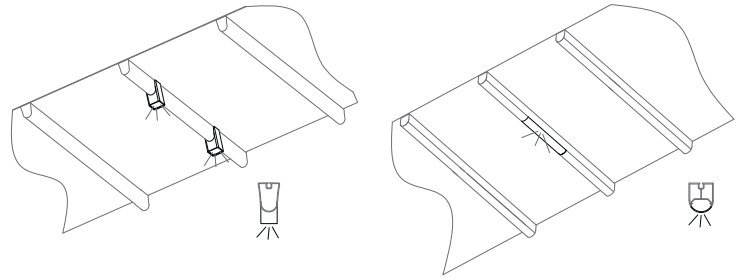
Gutter solution when the system is installed next to a wall or no overhang of the gutter is required.

Luna



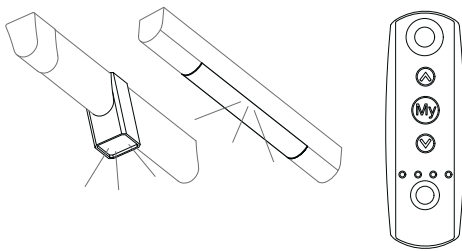
Compact 26rpm direct drive motor box

The Suntech direct drive motor system is a quick and efficient system that drives all conveyor rafters at the same time. The low profile design also allows the fabric to be stored underneath the motor which saves additional space.



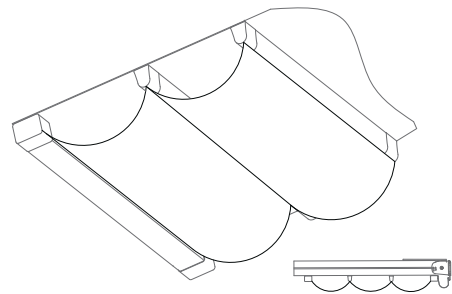
LED-TECH high powered lighting

LED-TECH lighting is an integrated lighting solution that can be added to any Suntech system.



LED-TECH dimmer setup

LED-TECH dimmer lighting is an integrated lighting solution that can be added to any Suntech systems.



Decorative fabric under layer

The second decorative fabric under layer of fabric can provide an elegant touch of design.