

**Tr** 110x160 mm ebatlarındaki taşıyıcı ray profilleri ile maksimum 10 mt. açılım sağlanabilen, ön oluk entegreli açılır-kapanır pergola sistemi .

**En** Retractable pergola system, max.10mt projection with 110x160 mm conveyor rafter profiles (Integrated front gutter).

**Es** Pérgola de lona móvil, salida máxima de 10 m, con guías de 110x160 mm, (Canalón frontal integrado).

**Fr** Pergola de toile rétractable, projection maximum de 10 mètres avec profils coulisses de 110x160 mm (Gouttière frontale intégrée).

**De** 110x160 mm große Öffnung kann durch die Tragschiene Profile zu einem Maximum von 10 m öffnen und schliessen Pergola-System zur Verfügung gestellt werden (Mit integrierte Ablaufsystem).







**Tr** Sistemin hareketi, Suntech F3 taşıyıcı arabaların ray içerisinde mevcut "trigger gergi sistemi" ile ileri-geri hareket etmesiyle sağlanıyor. Sekiz tekerlekli patentli Suntech F3 taşıyıcı arabada, mevcut 4 dikey-4 yatay eksenli tekerlek sistemi, kusursuz ve kasma yapmadan hareket etmeyi sağlıyor. Her Suntech F3 taşıyıcı araba, 600 kg yük taşıma kapasitesi sayesinde kar yüküne karşı önemli bir avantaj sağlıyor. Çelik tel yapılı "trigger" sistemi ise 966 kg çekiş kuvvetine sahip olmasıyla kumaşta mükemmel bir gerilme yaratarak suyun 6 derecelik açıyla sorunsuz şekilde tahliyesini mümkün kılıyor.

**En** The heart of the system is driven by multiple Suntech F3 eight wheel slider carriages (Each F3 slider carriage has a load limit of 600 kgs) 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 over 966 kg. It's this tension that is applied to the fabric membrane to allow an angle of 6 degrees fall possible and ensure all water drains away in the internal gutter system.

**Es** El corazón del sistema se conduce mediante múltiples carros deslizadores de ocho ruedas Suntech F3 (Cada uno de ellos tiene un límite de carga de 600 kg) que incorporan un tapón de protección ranurado y trabaja junto con una correa compuesta de múltiples hilos de refuerzo de acero inoxidable para soportar tensiones de más de 966 kg. Es esta tensión la que aplicada a la lona permite un ángulo de 6 grados de caída y asegura la evacuación de agua.

**Fr** Le Cœur du système est piloté par un charriot Suntech F3 de 8 roues (Chacun d'eux pouvant supporter une charge de 600 kg) avec un bouchon de protection rainuré, ce système travaille avec une courroie composée de multiples fils de renfort en acier inoxydable, afin de supporter des tensions de plus de 966 kg. C'est cette tension qui permet d'obtenir un angle d'inclinaison de 6 degrés et assurer l'évacuation de l'eau.

**De** Das Herz des Systems ist durch mehrere Suntech F3 acht Rad Slider Wagen (Jeweils F3 Schieberegler Wagen hat eine Belastungsgrenze 600 kg), dass eine dreifache Schicht-Schranke und arbeitet in Verbindung mit einem Zahnriemen, der mit mehreren internen Edelstahl verstärkt worden ist integriert angetrieben Stahlseile zu einer Zugkraft von über 966 kg bieten. Es ist diese Spannung, die das Gewebe Membran aufgebracht wird, damit in einem Winkel von 6 Grad fallen können und sicherzustellen, dass alle Wasser abfließt in die interne Rinnensystem.

**Tr** SMOOTH ray profilleri (110 x 160 mm), eşsiz yan kanal dizaynı sayesinde sistemin montajında kolaylık sağlıyor ve ekstrüzyon alüminyum ray profilleri ile sistem 10 metreye kadar ileri açılabilir. Genişlikleri mekan gereksinimlerine göre isteğe bağlı ve 13 metreye kadar herhangi bir boyut mevcuttur. Smooth sistemi, kumandaya tek dokunuşla 130 m<sup>2</sup>'ye kadar koruma sunuyor ve patentli izolasyon birleştirme profili sayesinde birden fazla sistemin birleştirildiği uygulamalarda daima 100% su geçirmezlik sağlıyor. SMOOTH sistem, yoğun yağmur suyunun dahi kusursuz tahliyesini sağlayan kendinden yağmur oluklu ön giriş entegrasyonu içeriyor.

**En** The SMOOTH rafter profiles (110 x 160 mm) have been designed with unique Water Guard side channels and rafter profiles to allow for projections up to 10 m per system. Widths are customised according to site requirements and available in any size up to 13 m. The Smooth system offers up to 130 sqm of protection at the touch of a 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. The SMOOTH system also includes an integrated gutter system with internal drainage to carry away even the heaviest rain.

**Es** Las guías (110 x 160 mm) han sido diseñadas con una ranura lateral y para permitir salidas de hasta 10 m con un único módulo. El ancho está disponible en cualquier medida hasta 13 m. Este modelo puede cubrir hasta 130 m<sup>2</sup> con sólo pulsar un botón, siendo también posible unir varios módulos de forma simple mediante nuestra unión patentada Storm Channel, que asegura una impermeabilidad del 100%. También se incluye un canalón integrado con sistema interno de drenaje para evacuación de agua.

**Fr** Les profils coulisses (110 x 160 mm) ont été conçus avec une rainure latérale et pour permettre une projection jusqu'à 10 mètres, pour une seul module. La largeur peut aller jusqu'à 13 mètres. En général, ce modèle peut couvrir 130 m<sup>2</sup> par la manoeuvre d'une seule télécommande. Il est également possible d'unir plusieurs modules avec le système breveté Storm Channel, qui assure une imperméabilité de 100%. Il est doté d'une gouttière intégrée avec système interne de drainage pour l'évacuation de l'eau.

**De** Die SMOOTH Sparren-Profile (110 x 160 mm) sind mit einzigartigen water guard Seitenkanäle und Aufsparrendämmung Profile wurde entwickelt, um für Projektionen bis zu 10 m pro System ermöglichen. Breiten werden nach Anforderungen vor Ort und in jeder Größe bis zu 13 m Kundenwünschen angepasst werden. Die Smooth-System bietet bis zu 130 qm an Schutz an den Knopfdruck, sondern bei Bedarf die Verbindung mehrerer Systeme ist ebenfalls möglich und leicht gemacht durch unser patentiertes Sturm Kanal Verbindungssystem, das 100% wasserdicht anschließen jedes Mal garantiert. Die SMOOTH System beinhaltet auch eine integrierte Regenrinne mit innenliegender Entwässerung wegzutragen selbst die schwersten regen.









Güneş kırıcı panel, sistem kapandığında ilave gölge ve modern mimari görüntü sağlar.

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

La incorporación de lamas Aerofoil pueden ofrecer mayor sombra cuando el elemento está recogido.

L'incorporation des lames Aerofoil permettent d'offrir plus d'espace ombragé quand la toile est repliée.

Louvre-Panels, wird das System sorgt für zusätzliche Schatten verwandelt.

Nihai kullanım yada ticari kullanım için yağmur, dolu yada güneşli her türlü hava koşullarında mükemmel dayanım

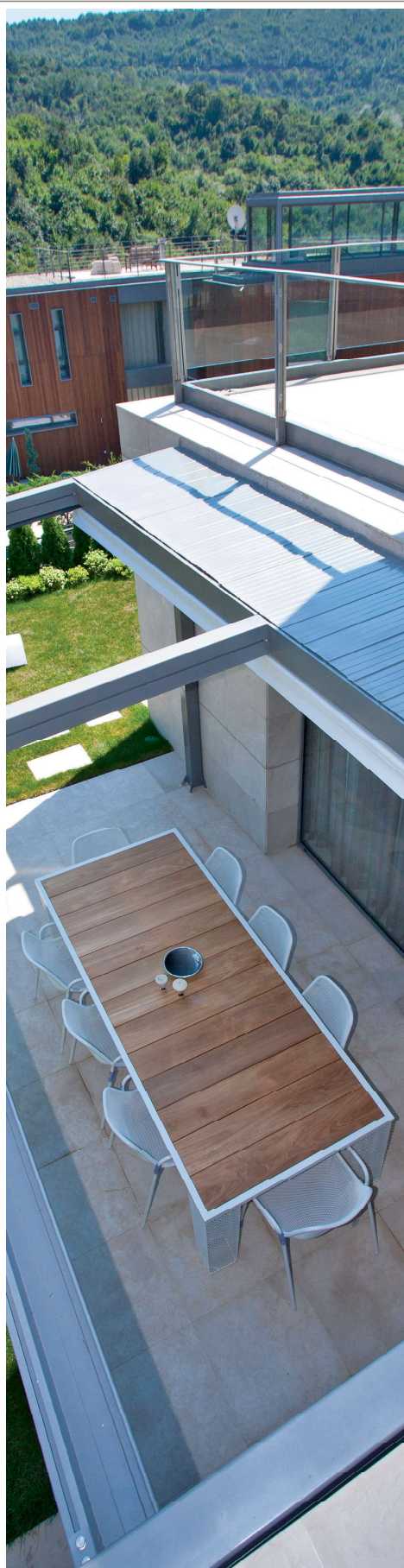
Perfect all weather solution for rain, hail or shine in domestic, hospitality or commercial applications

Solución perfecta para la lluvia o el sol, ya sea para uso particular, comercial, o para restauración en general

Solution idéale pour le soleil et la pluie, usage particulier ou commercial, bars, brasseries, restaurants

Perfekte Allwetter-Lösung für regen und Sonne, Gastfreundschaftlich für gewerbliche Anwendungen







Desteksiz 12 mt 'ye kadar ileriye açılım

Projections up to 12 mt without support

Salida hasta 12 m sin soportes

Projection maximum 12 mètres sans poteaux compensateur

Projektionen bis zu 12 m ohne Unterstützung









Dünyanın en büyük projesi; 4500 m<sup>2</sup> açılır kapanır tavan sistemi

The biggest project in the world, 4500 m<sup>2</sup> retractable roof system

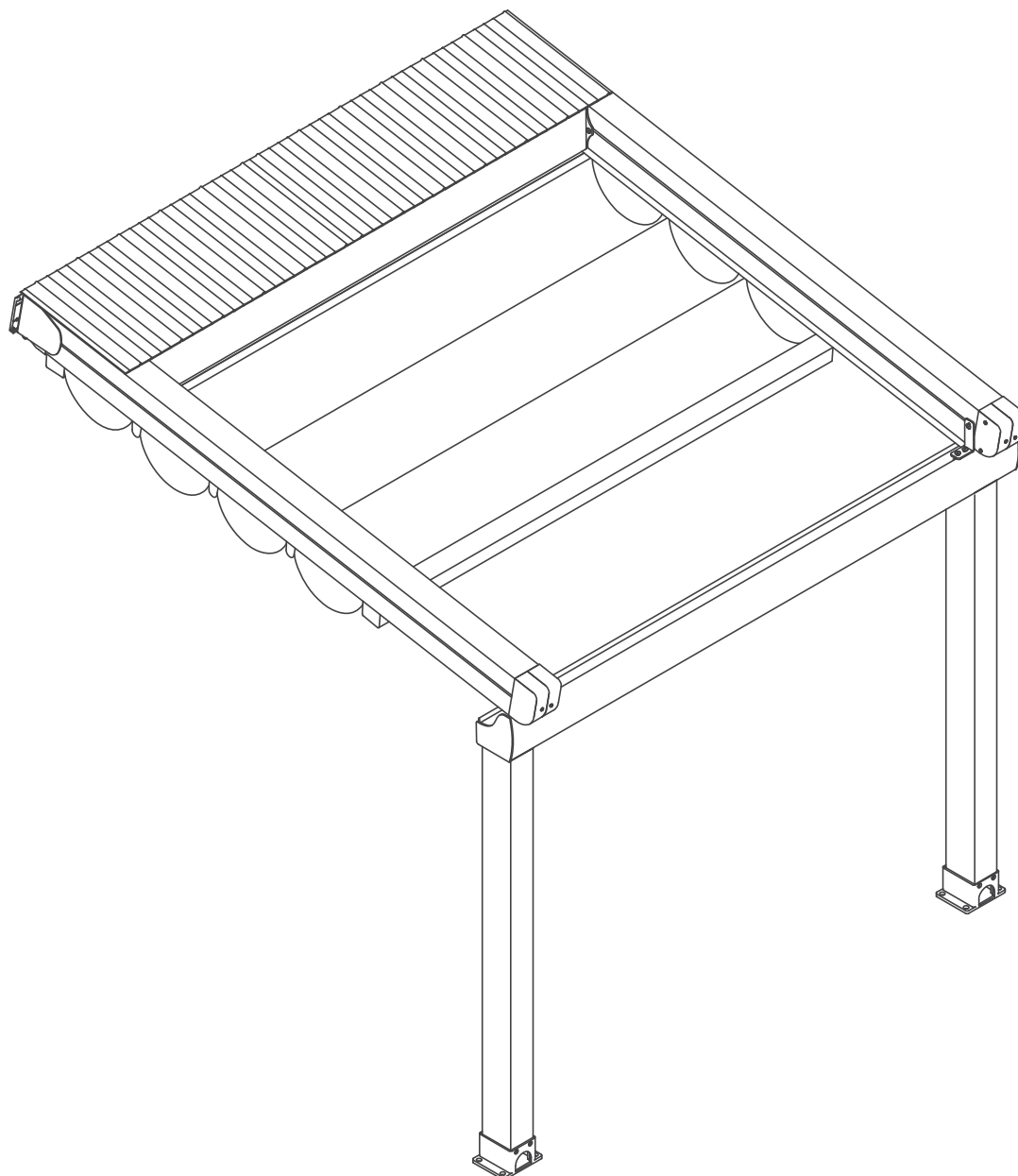
El proyecto más grande en el mundo, techo de lona móvil de 4500 m<sup>2</sup>

Le plus grand projet au monde, un toit en toile rétractable de 4500 m<sup>2</sup>

Das größte Projekt in der Welt, 4500 m<sup>2</sup> Faltdach-System



# Smooth



## Smooth retractable pergola system

The SMOOTH retractable pergola system provides a stylish architectural covering to allow large outdoor areas to be used in even the worst of weather conditions. The system offers a wind rating up to Beaufort class 11 (up to 117km/h) and is designed to stand up to even the worst of weather conditions rain, hail or shine.

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 SMOOTH rafter profiles (110mm x 160mm) have been designed with unique water guard side channels and cast aluminium end plates to allow for projections up to 10m per system. Widths are customised according to site requirements and available in any size up to 13m. The SMOOTH system offers up to 130sqm of protection at the touch of a 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. The SMOOTH system also includes an integrated gutter system with internal drainage to carry away even the heaviest rain.

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 multiple Suntech F3 eight wheel 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 over 966kg. It's this tension that is applied to the fabric membrane to allow an angle of 6 degrees fall possible and ensure all water drains away in the internal gutter system.

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.

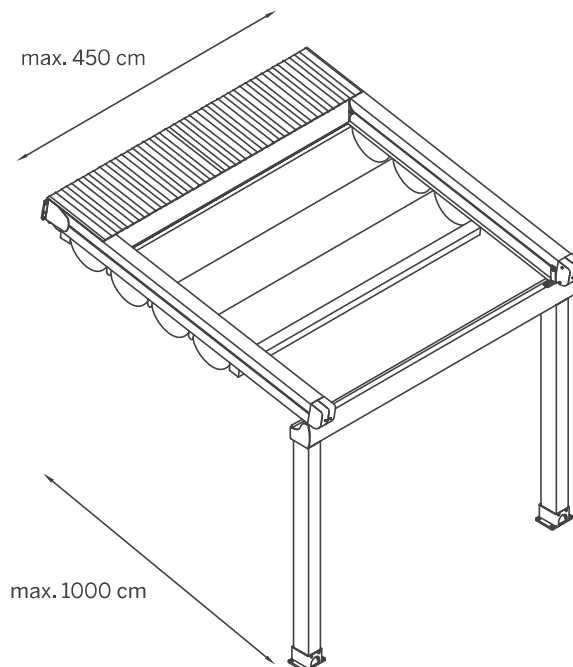
To ensure the highest level of protection Suntech systems focus on all the details, this is why all Suntech systems come standard finished with Stormguard soft touch edge seal on all parameters. Stormguard provides the ultimate protection against rain and draught intrusion around the outside of the system 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.

# Smooth

## One Module

200 cm > 450 cm

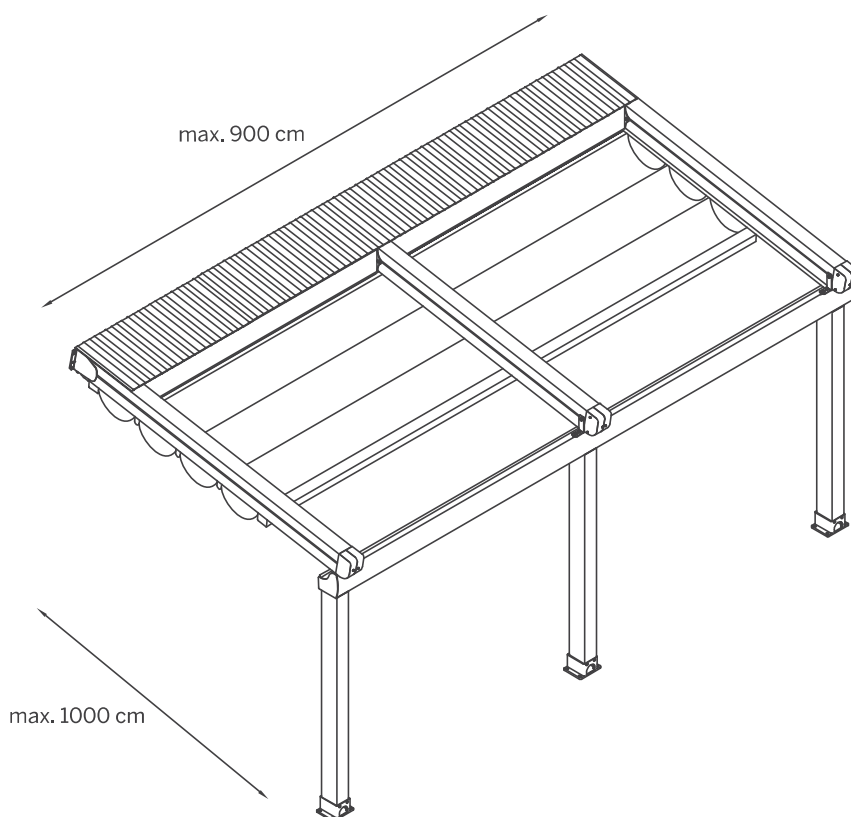
One Module with one motor & 2 rafters



## Two Modules

450 cm > 900 cm

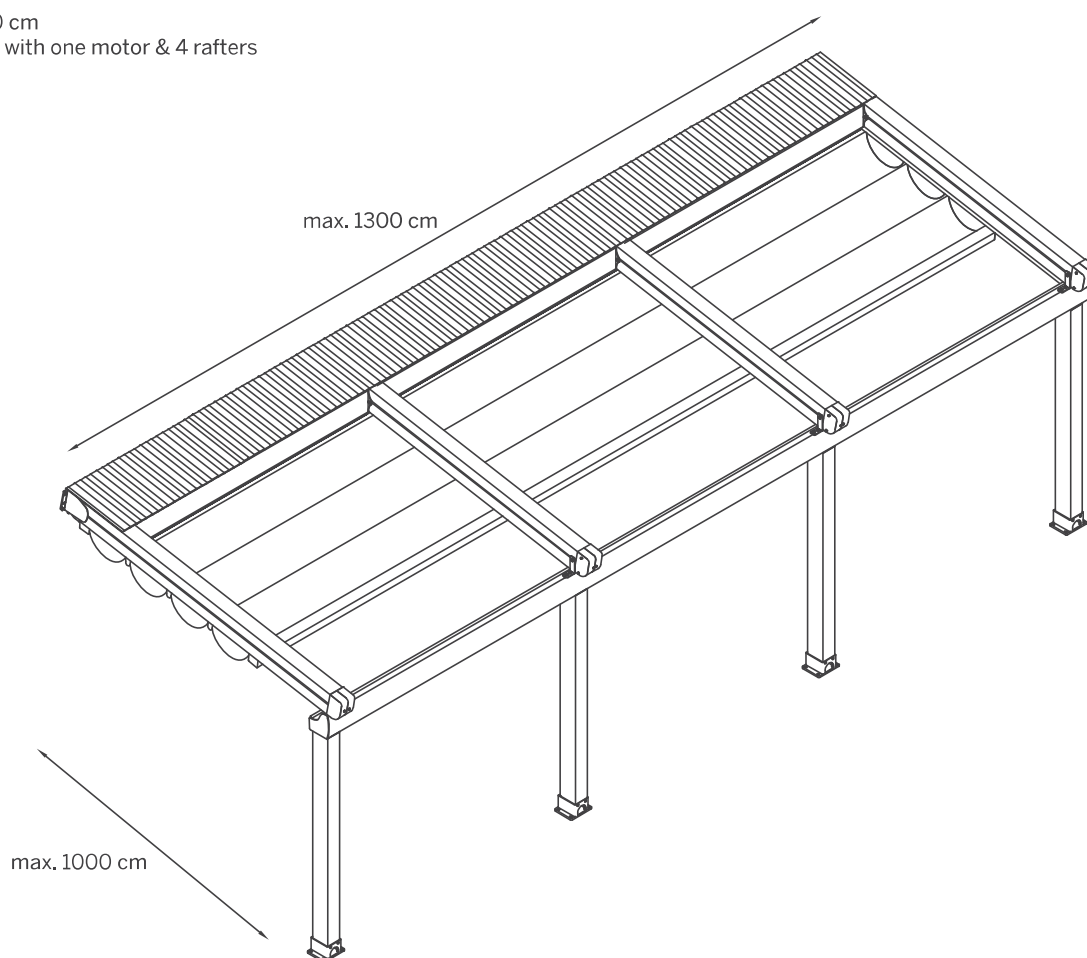
Two Modules with one motor & 3 rafters



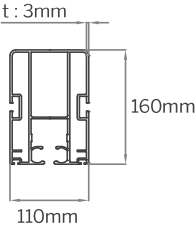
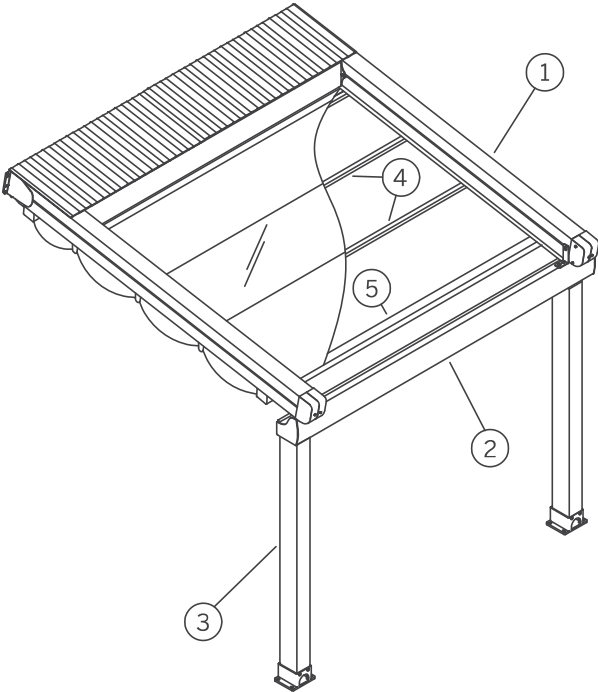
### Three Modules

900 cm > 1300 cm

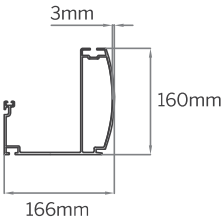
Three Modules with one motor & 4 rafters



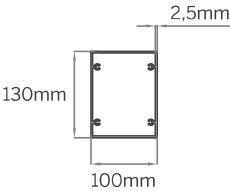
# Smooth



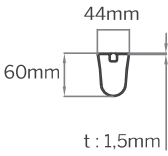
① Rafter



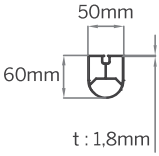
② Gutter



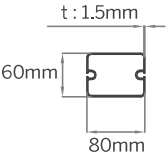
③ Post



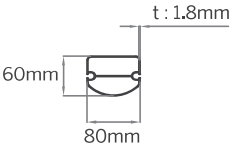
④ FabricSupport  
(Standart)



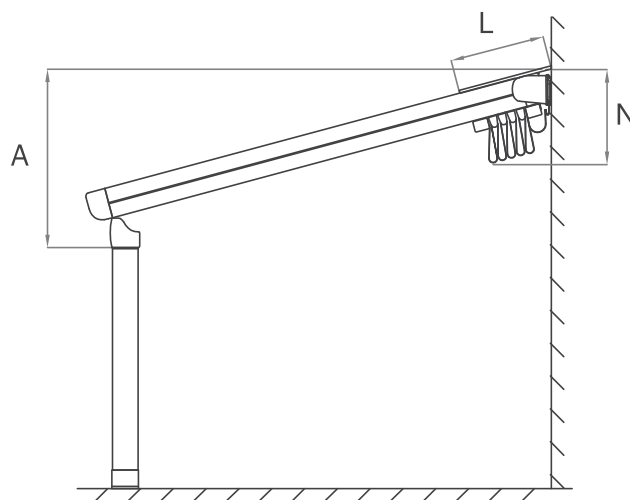
④ Fabric Support  
(HDD Lux)



⑤ Puller Profile  
(Standart)



⑤ Puller Profile  
(HDD Lux)

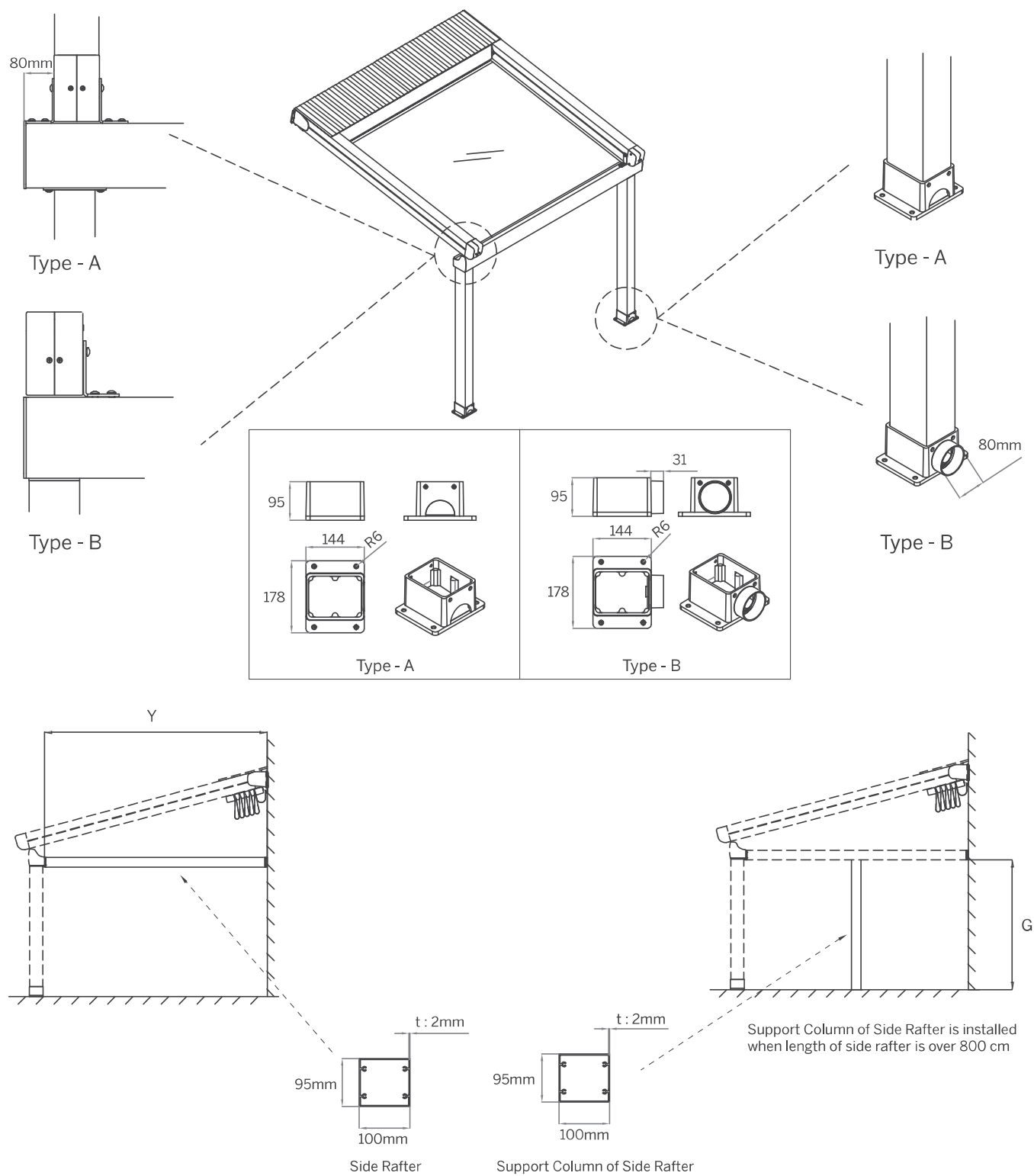


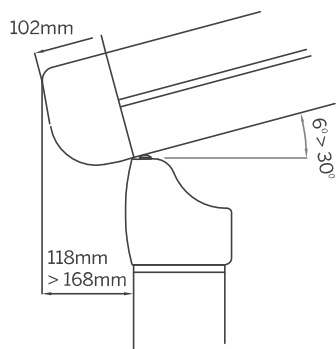
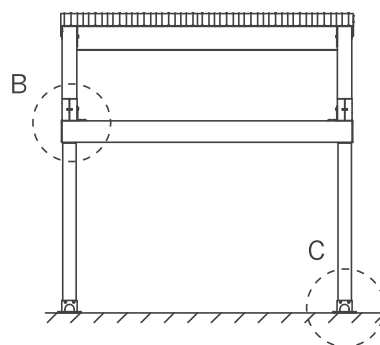
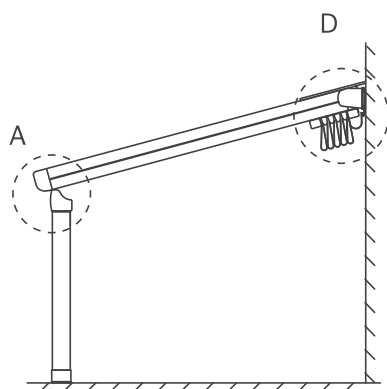
### Smooth

	Fabric Height	Hood	Fall	Fab.Sup.Profiles
	(N*) mm	(L*) mm	(A*) mm	pc*
300	438	646	671	7
350	446	701	733	8
400	453	756	794	9
450	466	866	856	11
500	472	921	917	12
550	479	976	978	13
600	486	1031	1040	14
650	492	1086	1101	15
700	499	1141	1163	16
750	506	1196	1224	17
800	513	1251	1285	18
850	525	1361	1347	20
900	532	1416	1408	21
950	539	1471	1470	22
1000	546	1526	1531	23

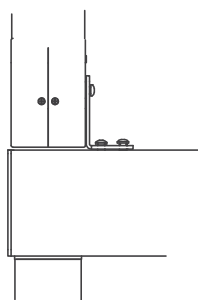
\*With min. inclination of 7°. Values can vary by other inclination values.

# Smooth

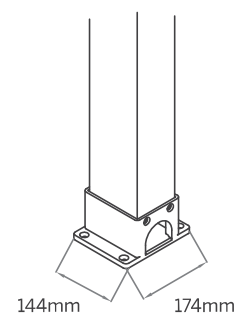




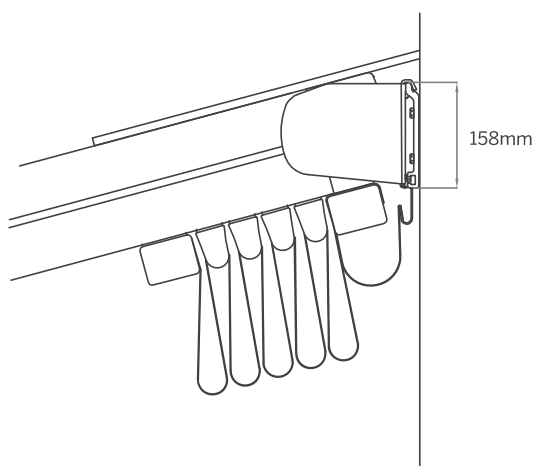
DETAIL A



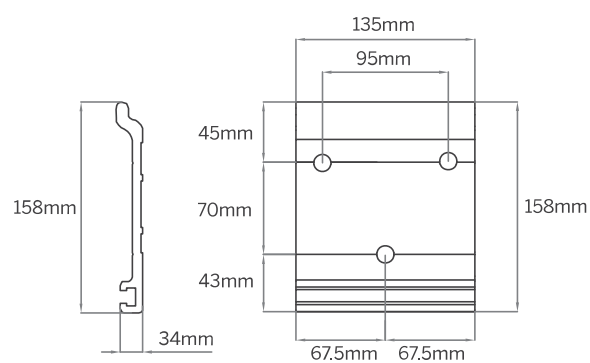
DETAIL B



DETAIL C

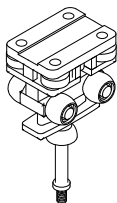


DETAIL D



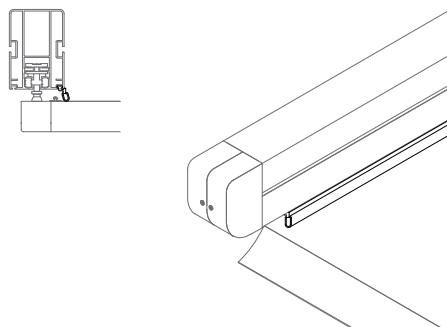
Installation Bracket

# Smooth



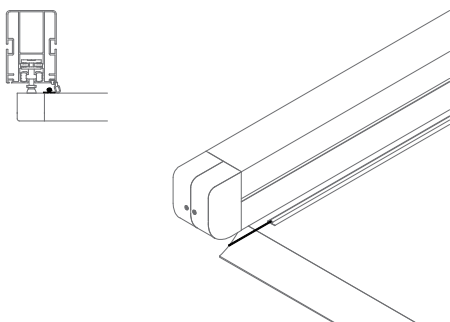
## F3 Eight wheel slider

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.



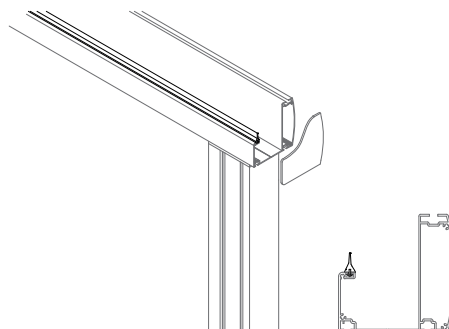
## Rafter stormguard edge seal

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.



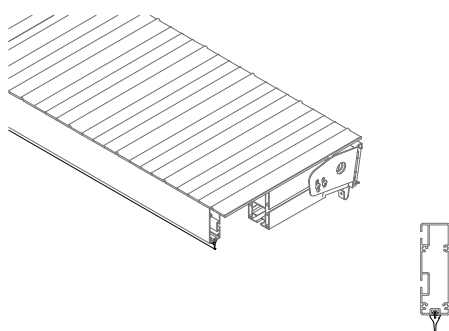
## Fabric anti-drop edge cord with electrical cable

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.



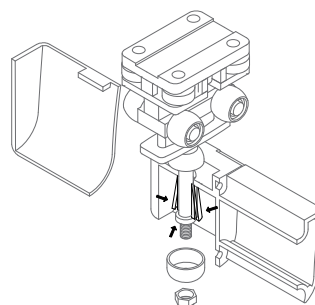
## Gutter stormguard seal

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.



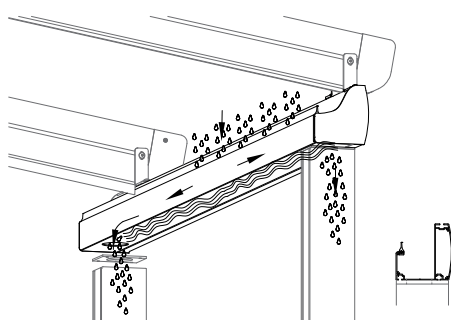
## Hood stormguard seal

The Stormguard hood seal provides the perfect seal to prevent driving rain & wind coming in under the hood profiles.



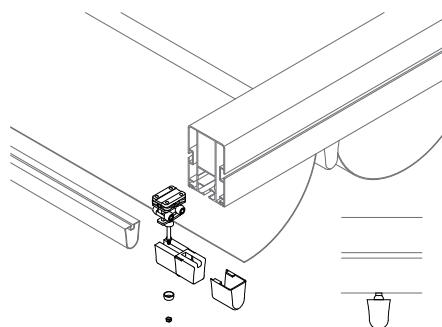
## F3 slider easy clip installation

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 up to 600KG once in place.



## Integrated gutter & internal drainage system

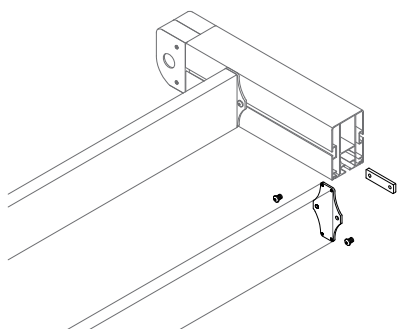
The integrated gutter system provides the perfect solution for water drainage.



## F3 slider and fabric profile assembly

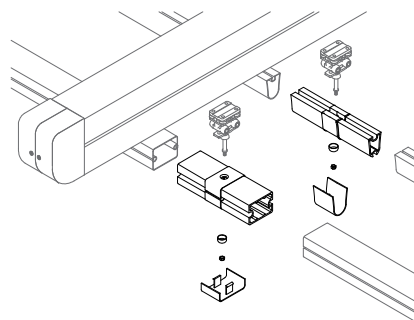
The system has been designed for ease of assembly to save time on installations and reduce the number of staff required.

# Smooth



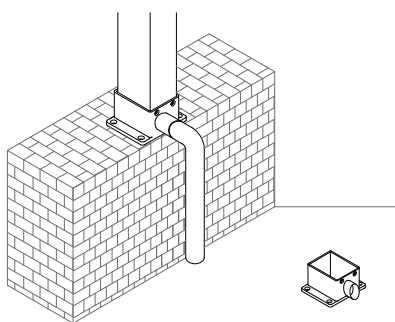
## Motorbox support & hood support profile easy installation

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



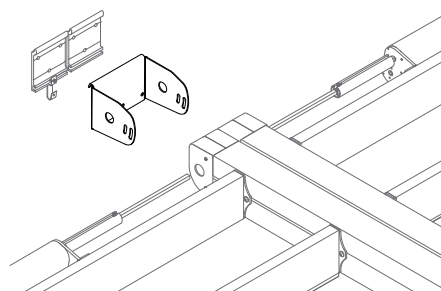
## Easy clip intermediate joints (for 2 & 3 module systems)

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



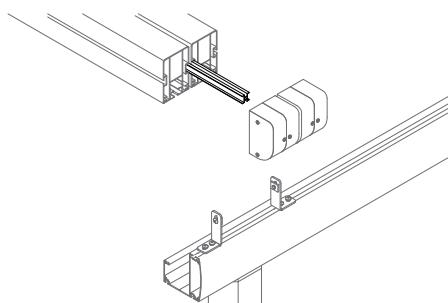
## Base plate with external spout

This base plate provides a water dispersal solution.



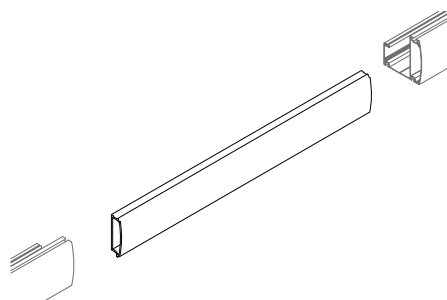
## Double rafter wall bracket kit

An advanced solution for installing two rafter's at once.



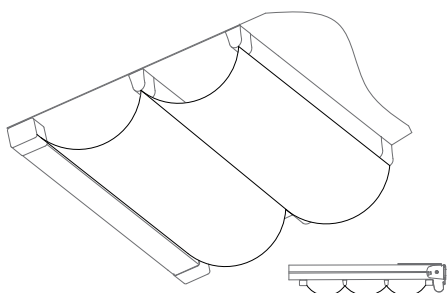
## Storm channel for joining system

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



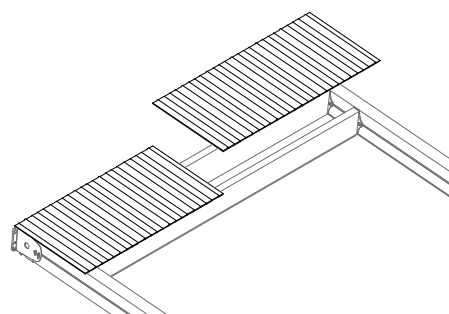
## Gutter profile joining piece

A smart solution for joining the gutter profile.



## Decorative fabric under layer

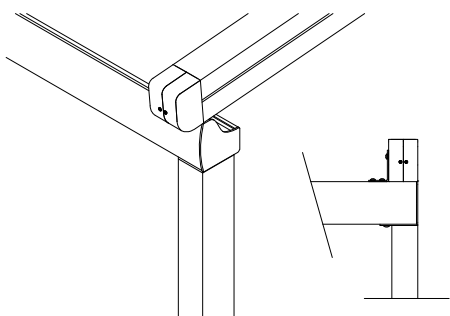
The second decorative fabric under layer of fabric can provide an elegant touch of class.



## Hood profile sheets

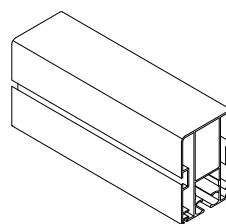
Suntech's hood profile sheets provide an attractive covering solution for the system when not in use. The low profile aesthetic design offer added protection to the system with a chic touch.

# Smooth



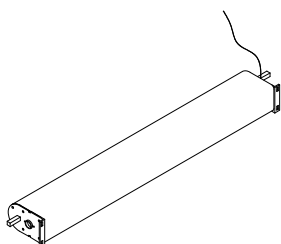
## Gutter flush with rafter

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



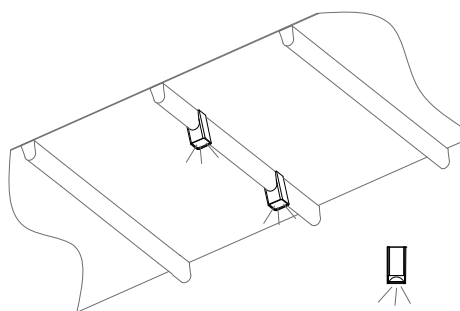
## Rafter profile with water guard side channels

The Suntech rafter profiles are designed with water guard side channels for easy installation and to prevent water from entering.



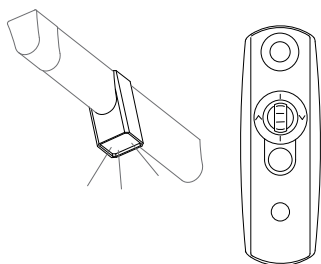
## Compact 26rpm direct drive motor box

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



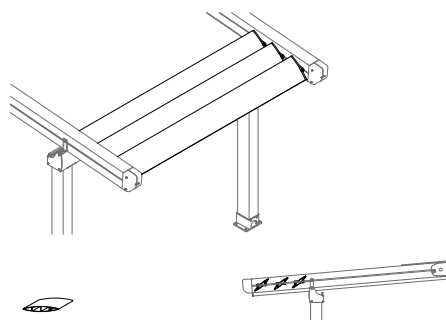
## LED-TEC high powered lighting

LED-TEC lighting is a integrated lighting solution that can be added to any Suntech system.



## LED-TEC dimmer setup

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

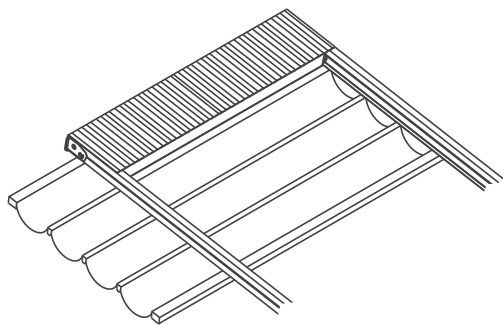


## Aerofoil Louvres

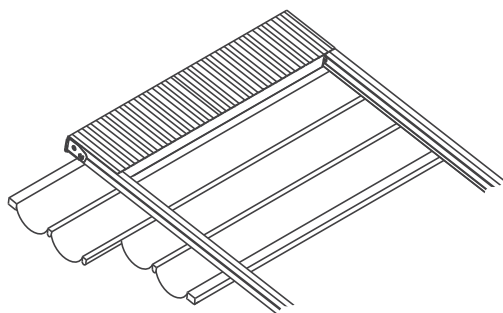
The addition of Aerofoil louvres can provide added shade when the system is closed.

# Smooth

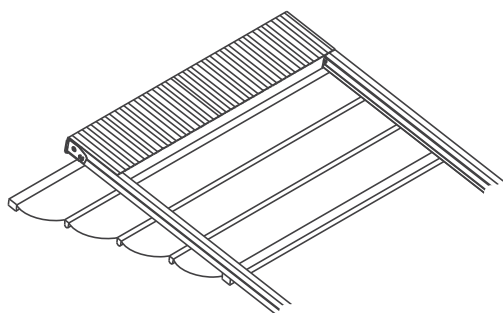
type I



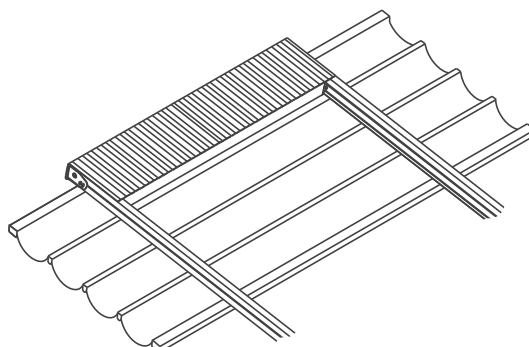
type II



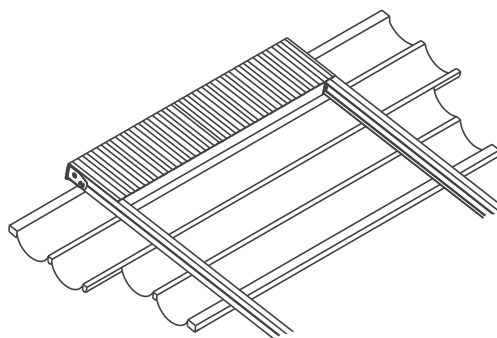
type III



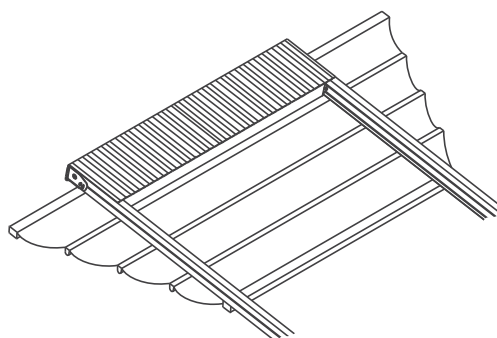
type IV



type V



type VI

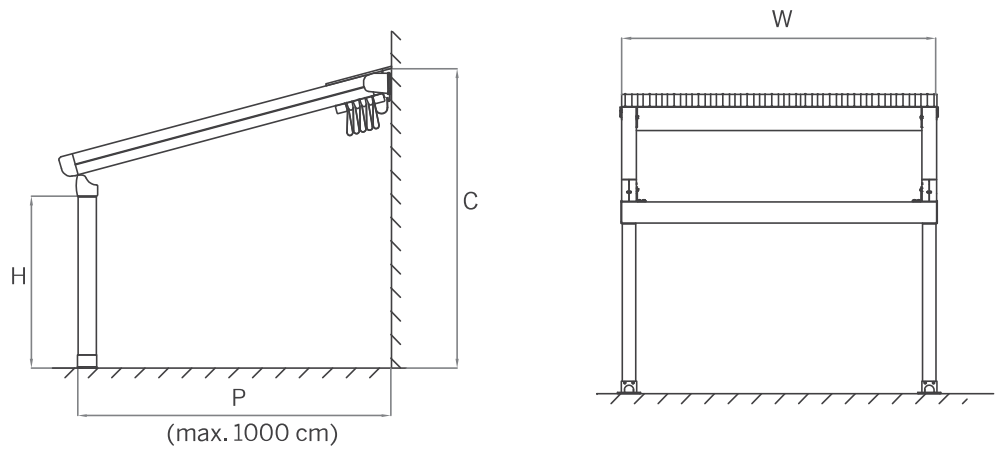


Each system is available with an optional overhang to allow the covered area to protrude past the rafter profile. Site specific overhang solutions such as stepped or wedge shapes are also an effective way to get maximum coverage for your area.

# Smooth

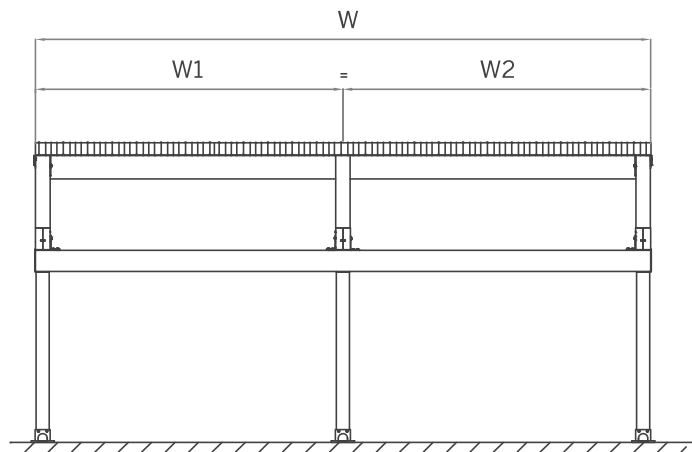
## One Module

200 cm > 450 cm  
One Module with one motor & 2 rafters



## Two Modules

450 cm > 900 cm  
Two Modules with one motor & 3 rafters



## Three Modules

900 cm > 1300 cm  
Three Modules with one motor & 4 rafters

