



Phone: +40770444888 mail: info@sunleader.ro Romania
www.pergole-retractabile.ro



Outdoor Living Systems

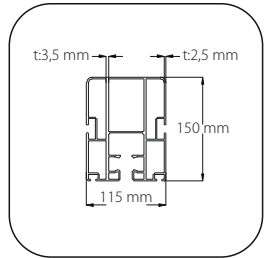
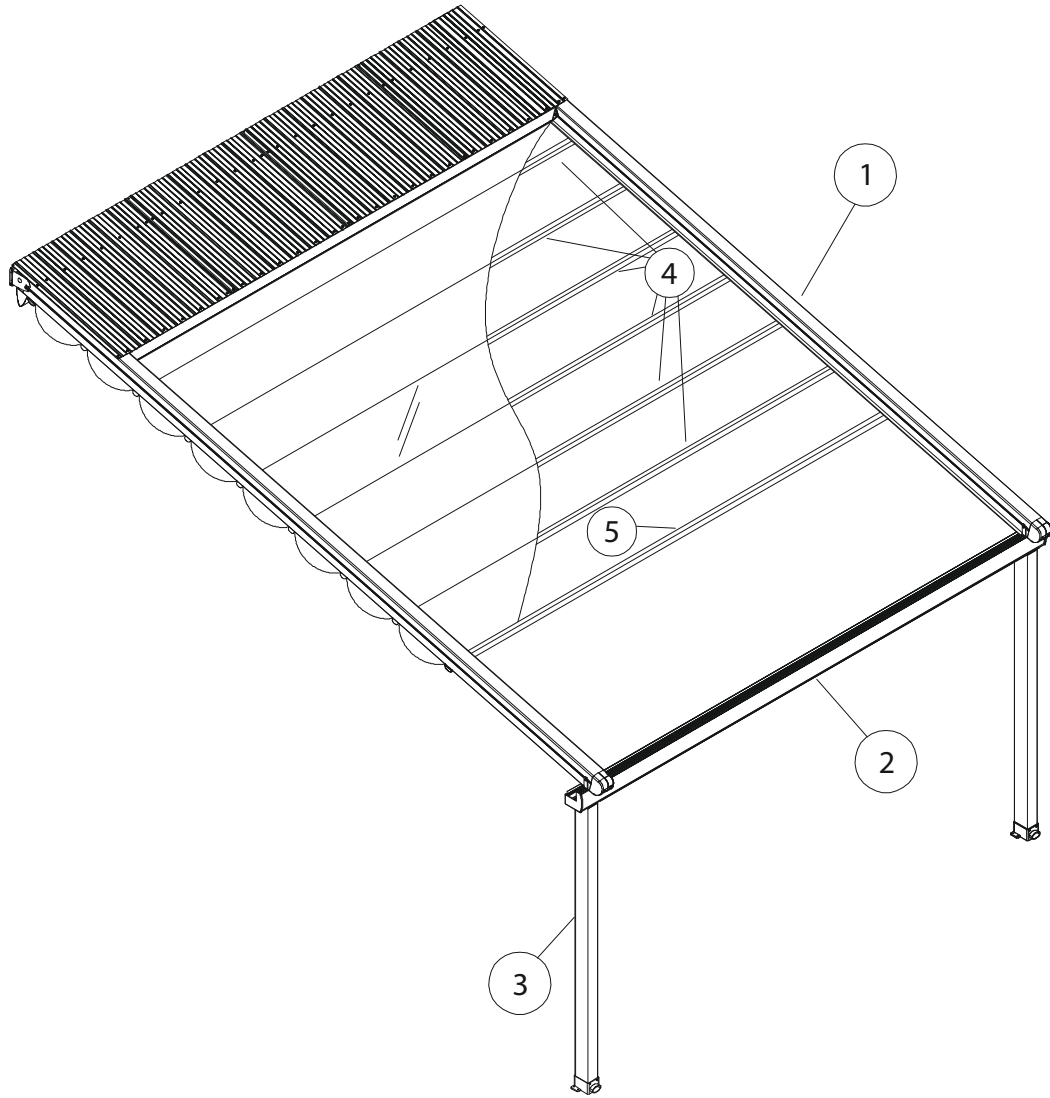
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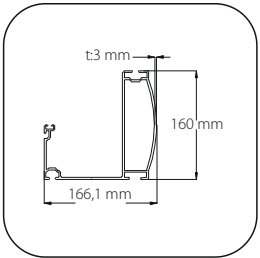
“four Seasons Outdoor Living”

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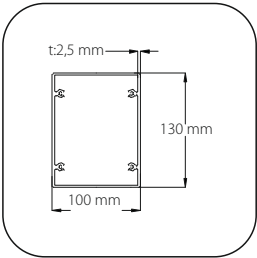
index	Flat 150	2-7
	Spline 150	8-13
	Vault 150	14-19
	Flat harmony 150	20-25
	Spline harmony 150	26-31
	Flat city 150	32-37
	Spline city 150	38-43
	Flat variance 150	44-49
	Spline variance 150	50-55
	Vault variance 150	56-61



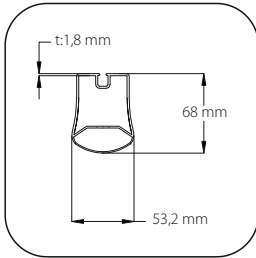
1- Rafter Profile



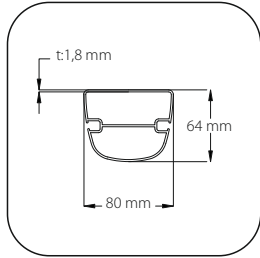
2- Gutter Profile



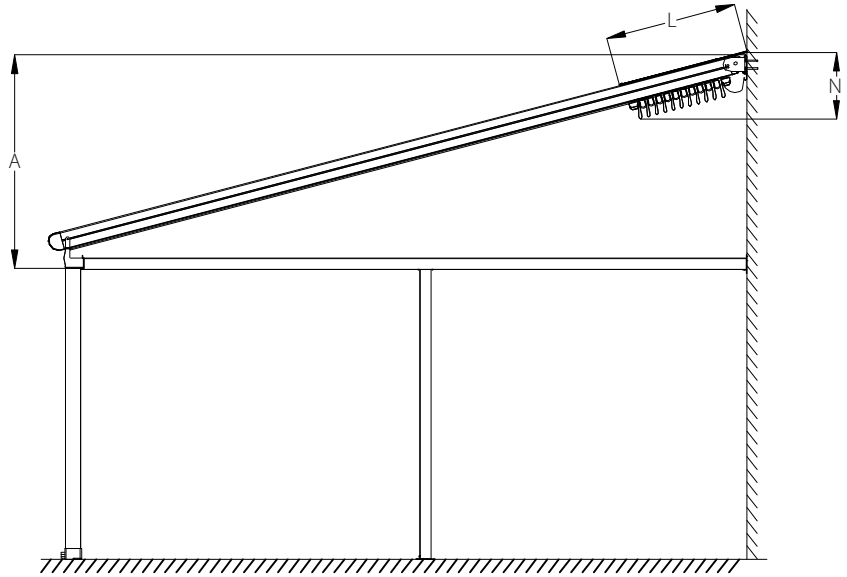
3- Post Profile



4- Fabric Support Profile

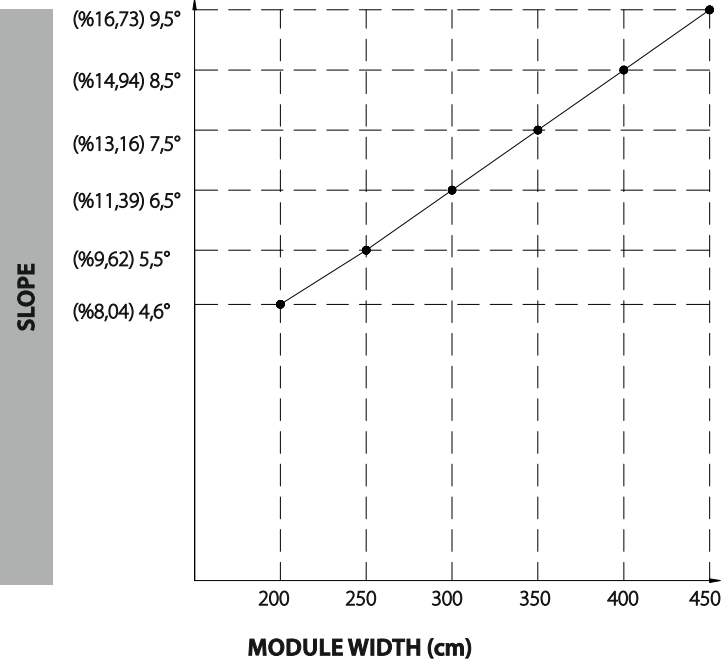


5- Puller Profile

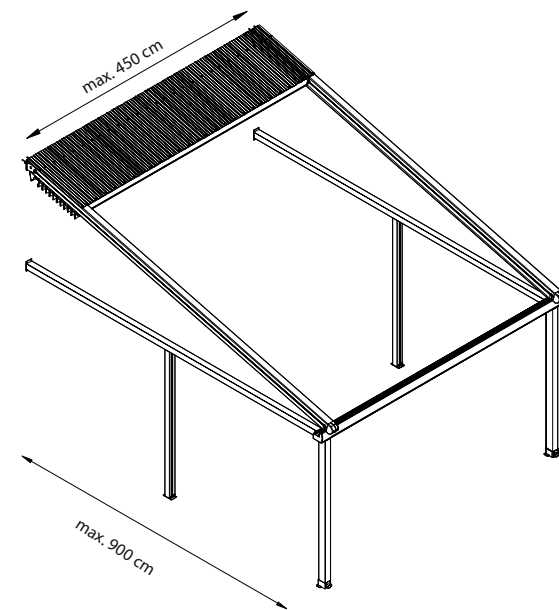


Projection (P) cm	Fabric Height	Hood	Fall	Fab. Sub. Profiles
	(N) mm	(L) mm	** (A) mm	pc
300	436	700	673	5
350	445	768	735	6
400	453	835	797	7
450	462	904	859	8
500	477	1040	921	10
550	486	1107	983	11
600	494	1175	1045	12
650	502	1244	1107	13
700	510	1312	1169	14
750	518	1380	1231	15
800	526	1450	1293	16
850	534	1518	1355	17
900	542	1586	1417	18

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

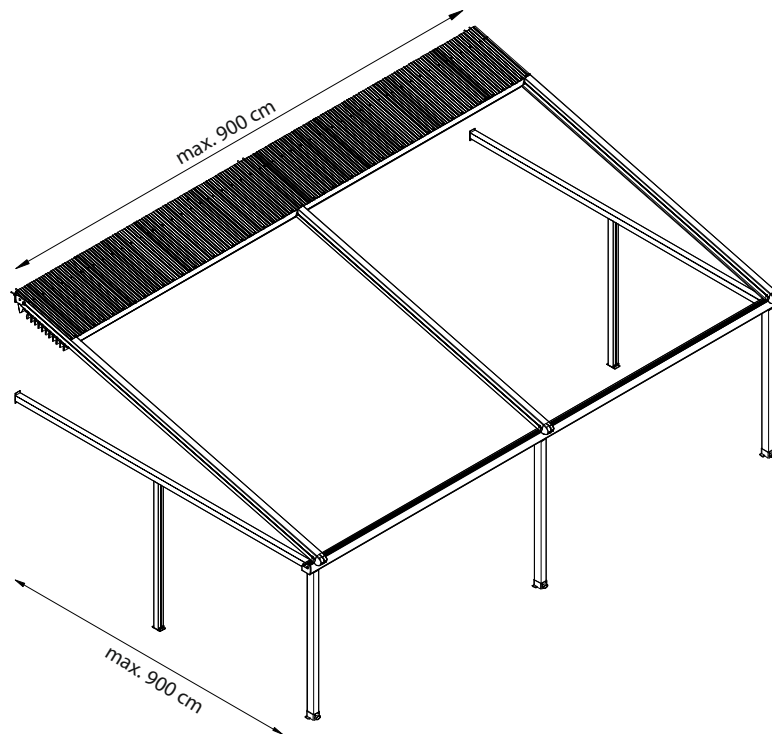


Minimum slopes for flat, flat variance, flat harmony, flat city versions.



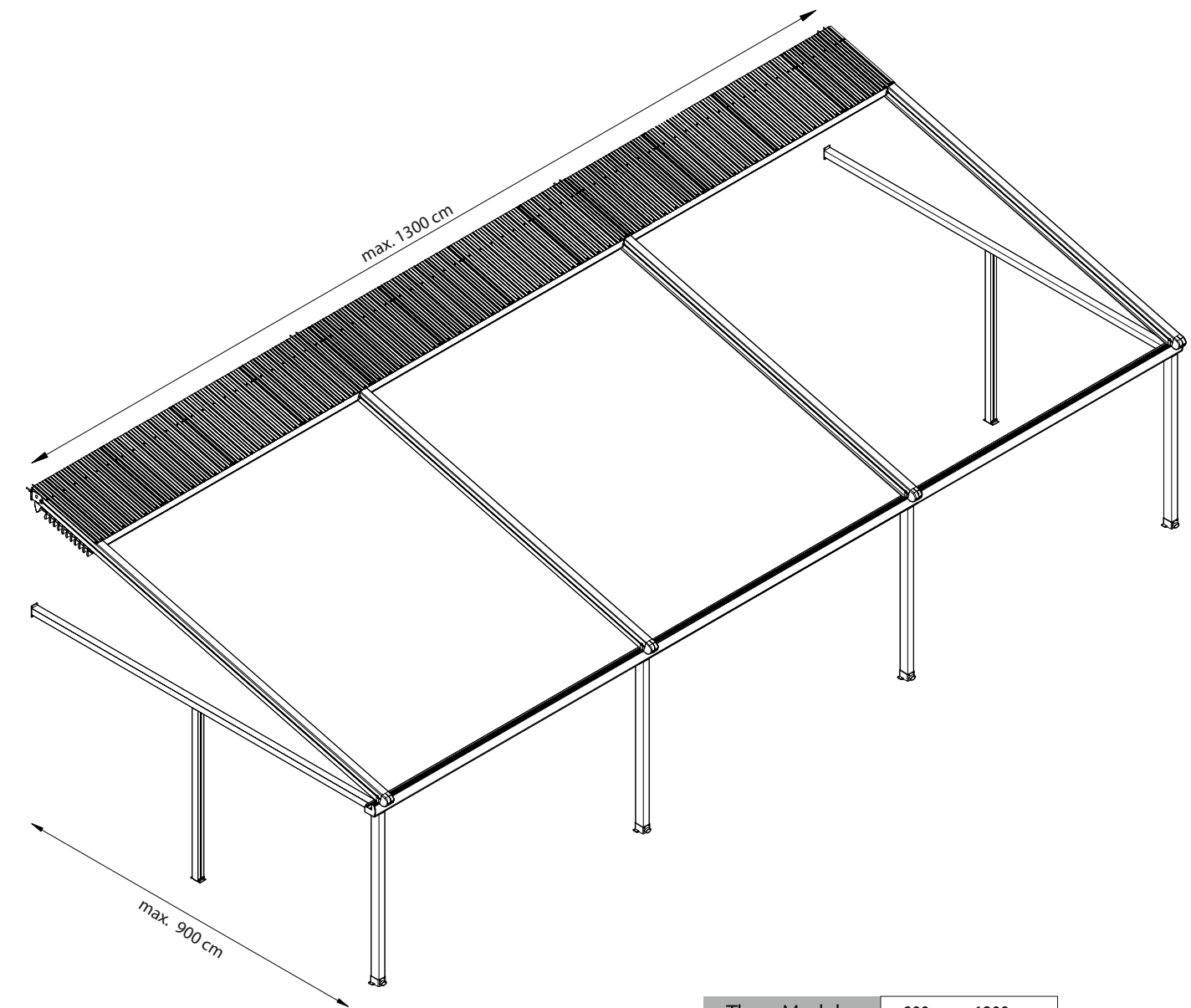
One Module 135 cm > 450 cm

- One module with 2 rafters
- Max. 450 cm width



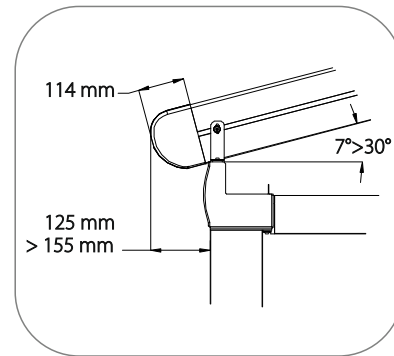
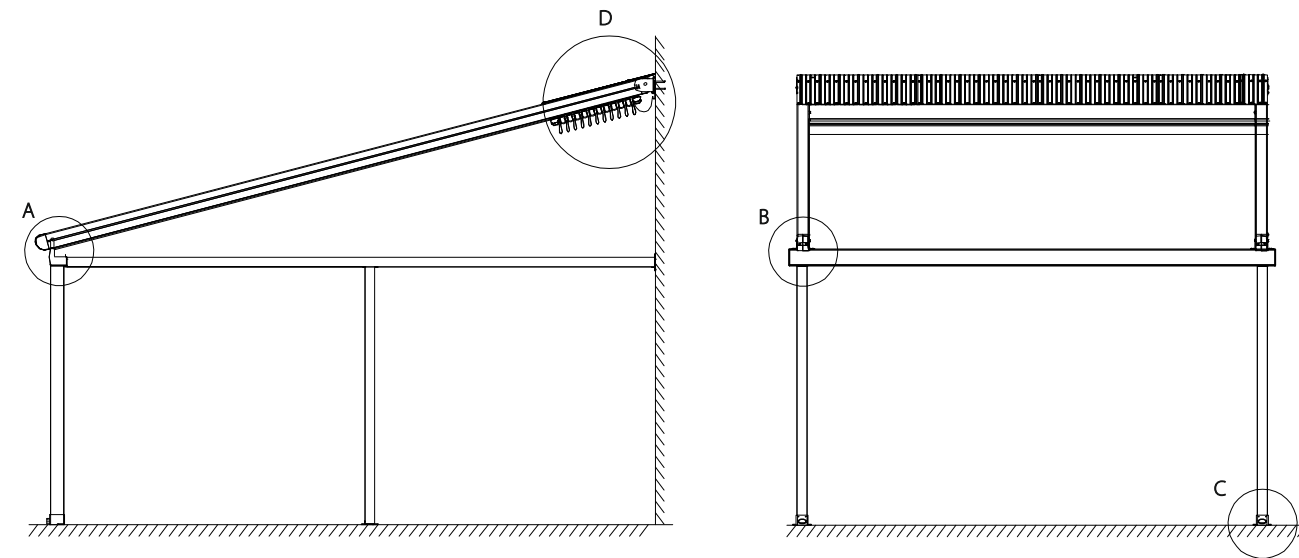
Two Modules 450 cm > 900 cm

- Two modules with 3 rafters
- Max. 900 cm width

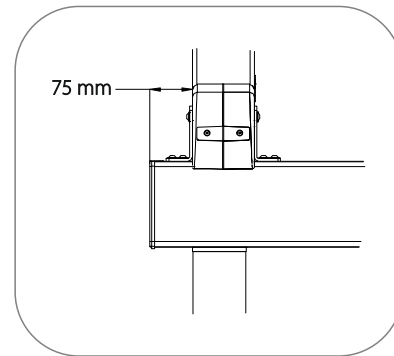


Three Modules 900 cm > 1300 cm

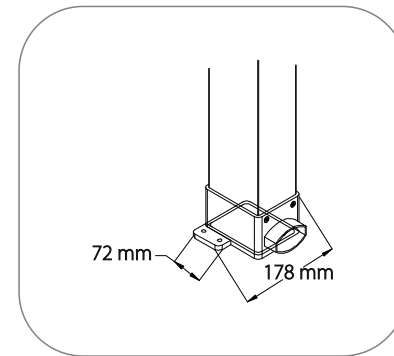
- Three modules with 4 rafters
- Max. 1300 cm width



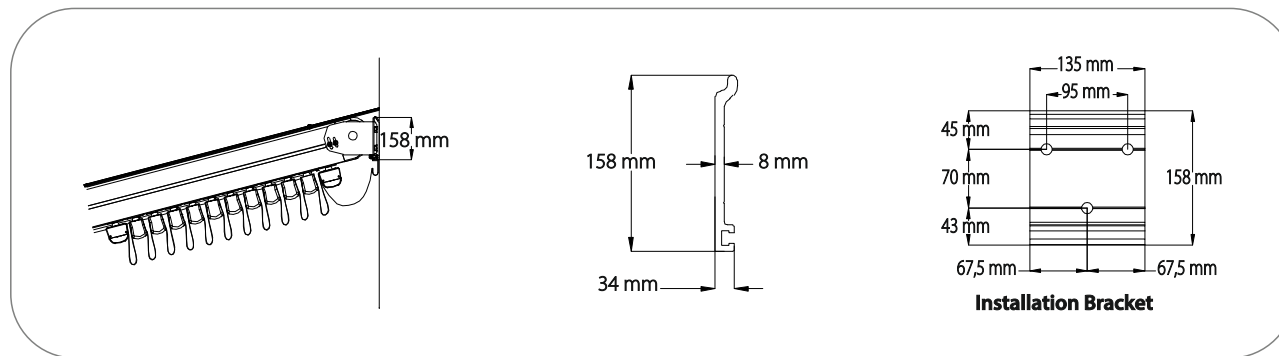
Detail - A



Detail - B

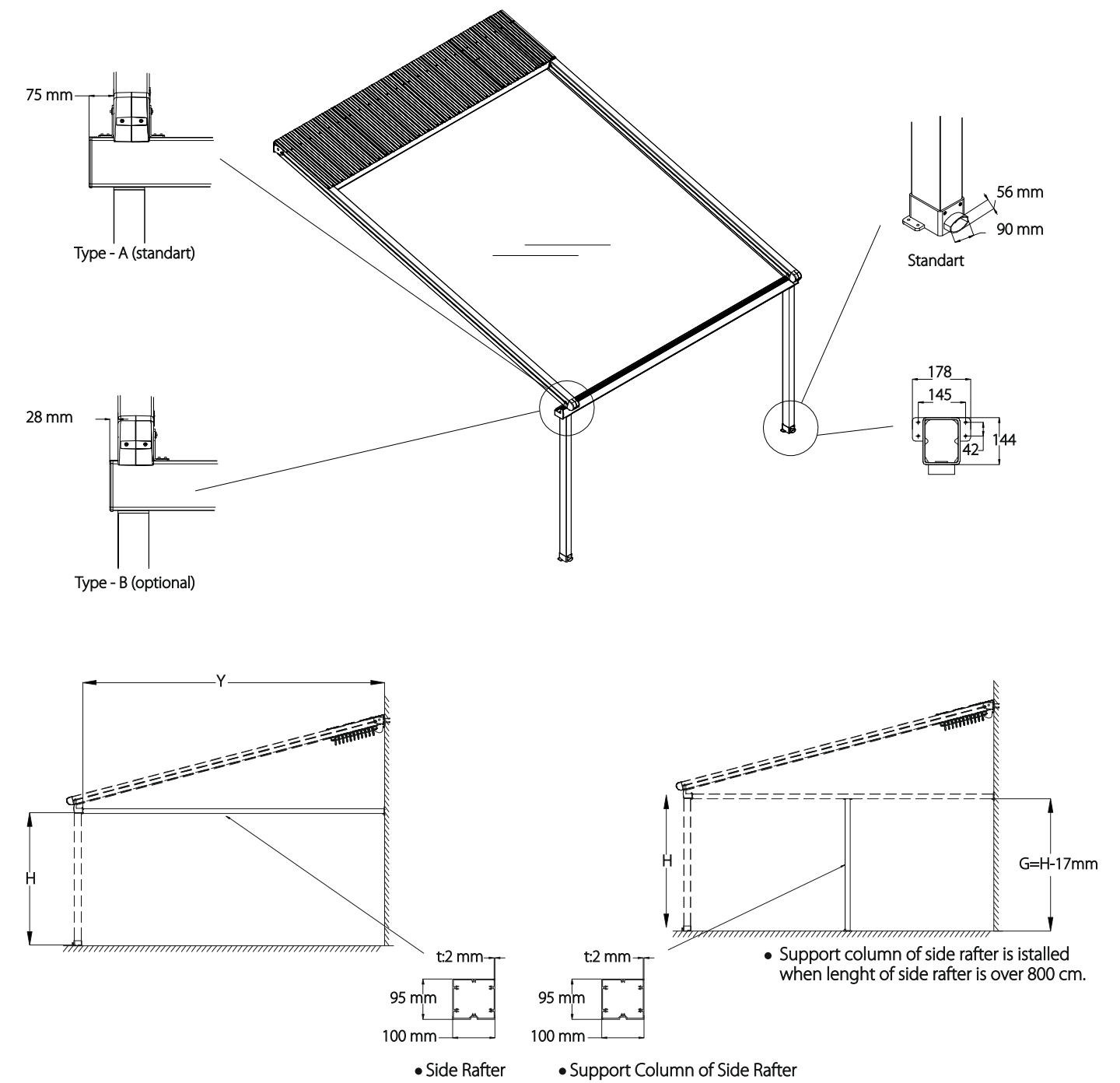


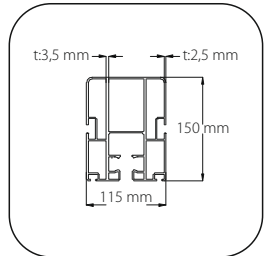
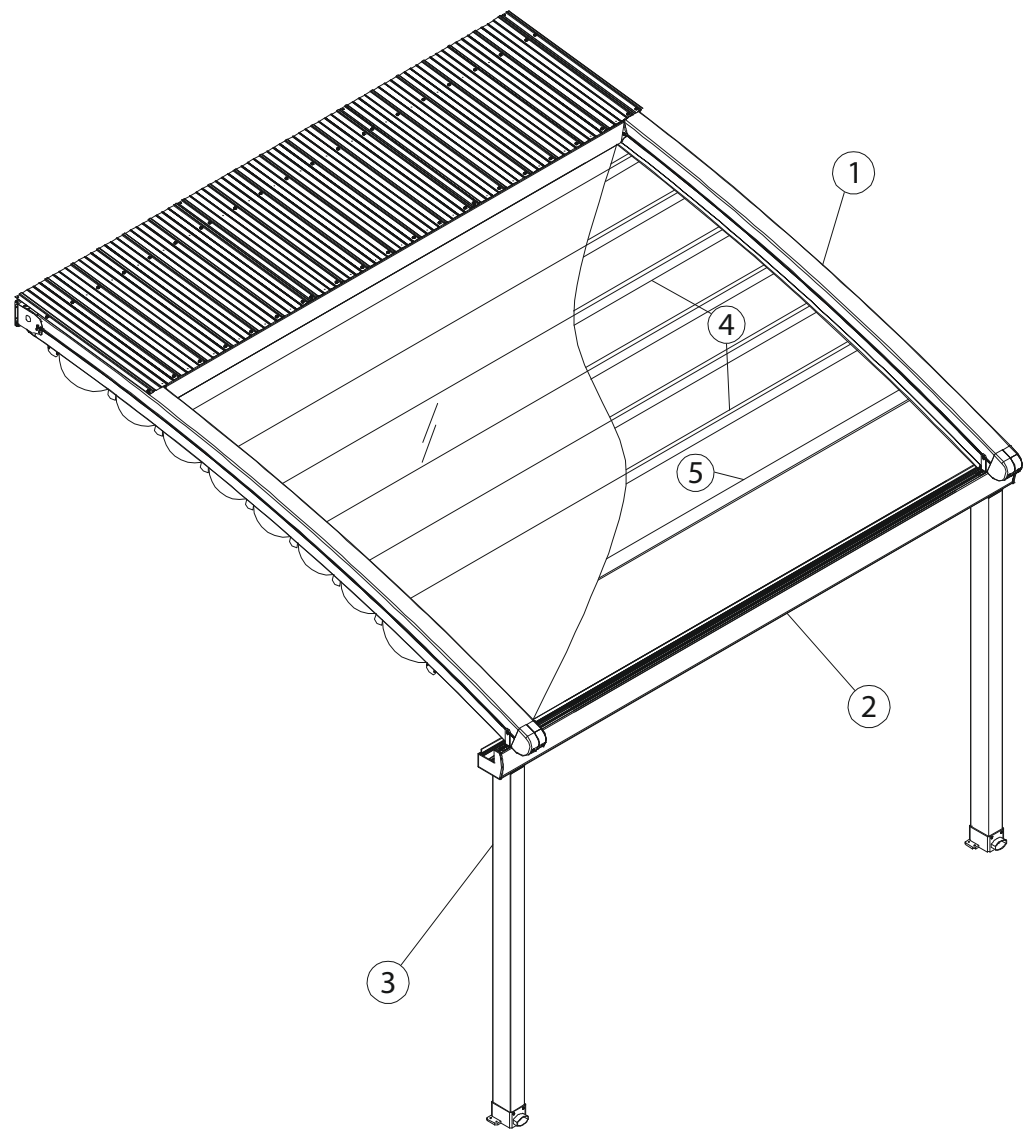
Detail - C



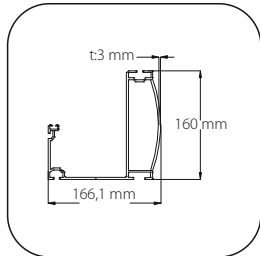
Detail - D

Installation Bracket

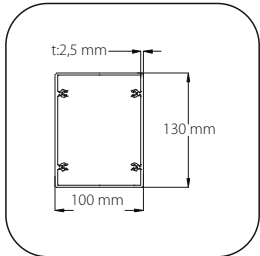




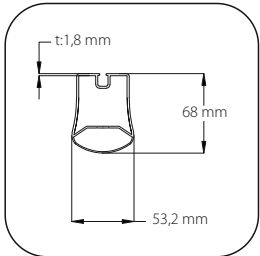
1- Rafter Profile



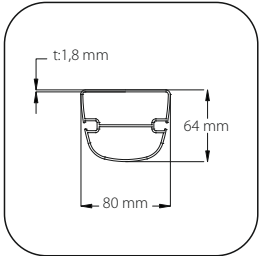
2- Gutter Profile



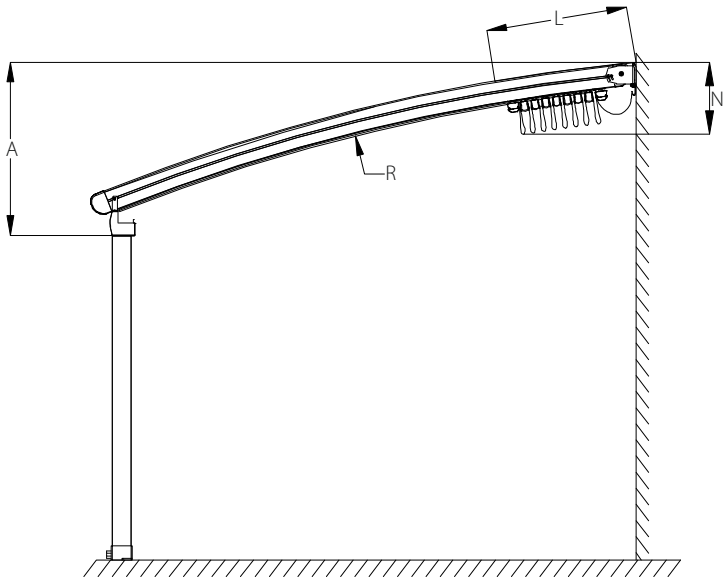
3- Post Profile



4- Fabric Support Profile

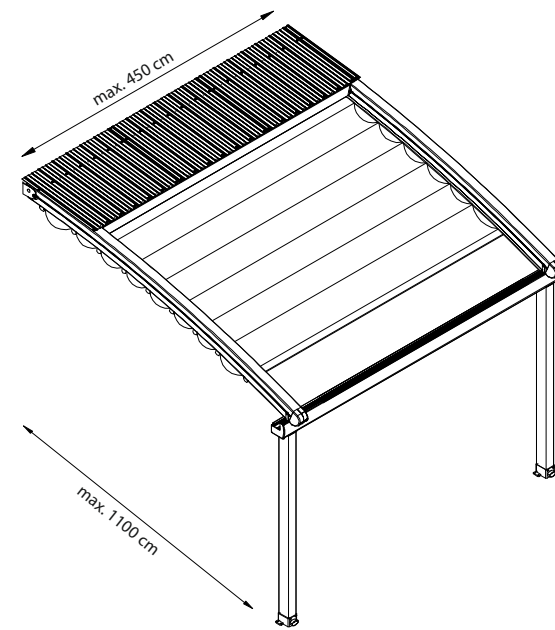


5- Puller Profile

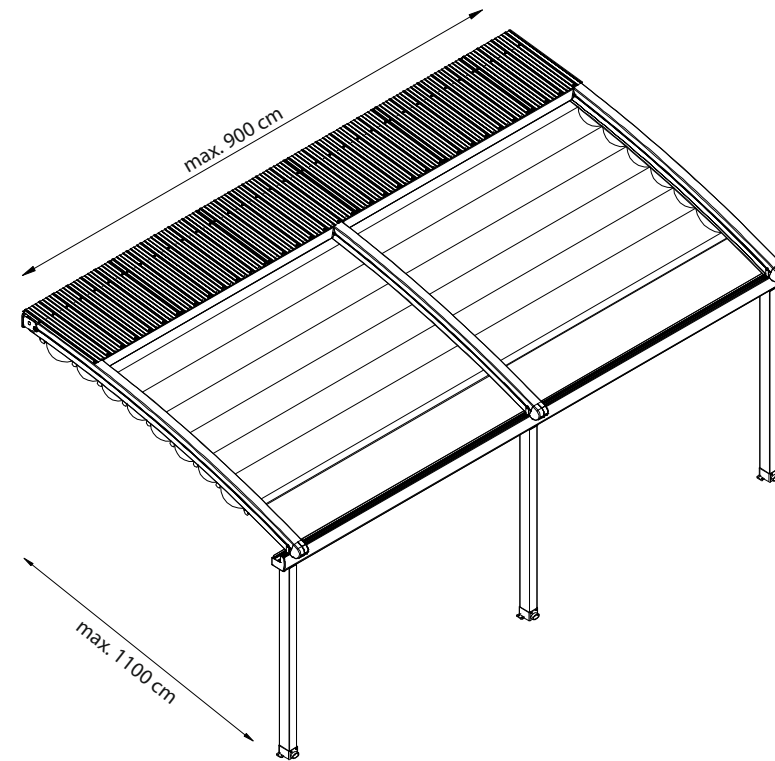


Projection (P) cm	Fabric Height				
	(N) mm	Hood (L) mm	Fall ** (A) mm	Fab. Sub. Profiles (pc)	Recomend. Radius (R) mm
300	409	778	952	6	8000
350	414	843	1093	7	9000
400	419	914	1237	8	10000
450	421	980	1300	9	12000
500	426	1047	1442	10	13000
550	431	1114	1586	11	14000
600	435	1183	1731	12	15000
650	434	1250	1590	13	20000
700	446	1386	1786	15	20000
750	444	1457	1695	16	25000
800	451	1524	1875	17	25000
850	446	1588	1632	18	35000
900	451	1655	1778	19	35000
950	458	1722	1932	20	35000
1000	462	1791	1908	21	40000
1050	466	1863	2058	22	40000
1100	470	1930	2215	23	40000

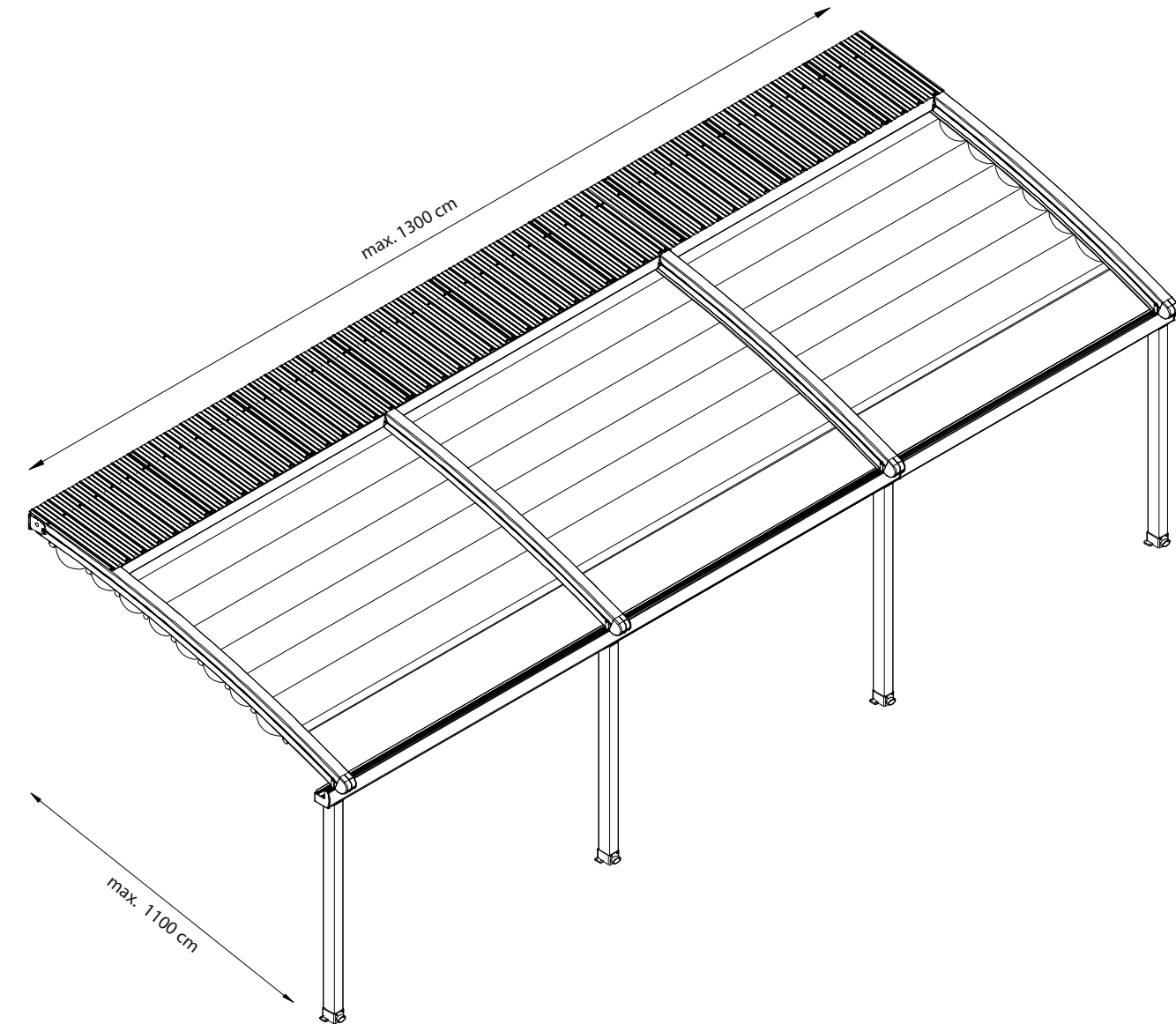
* Values can vary by different radius values.



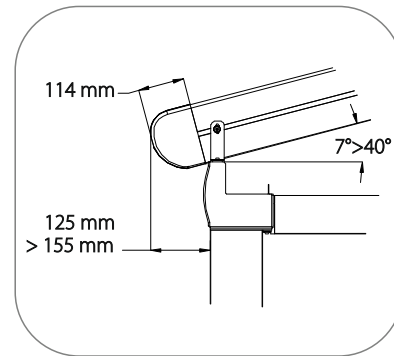
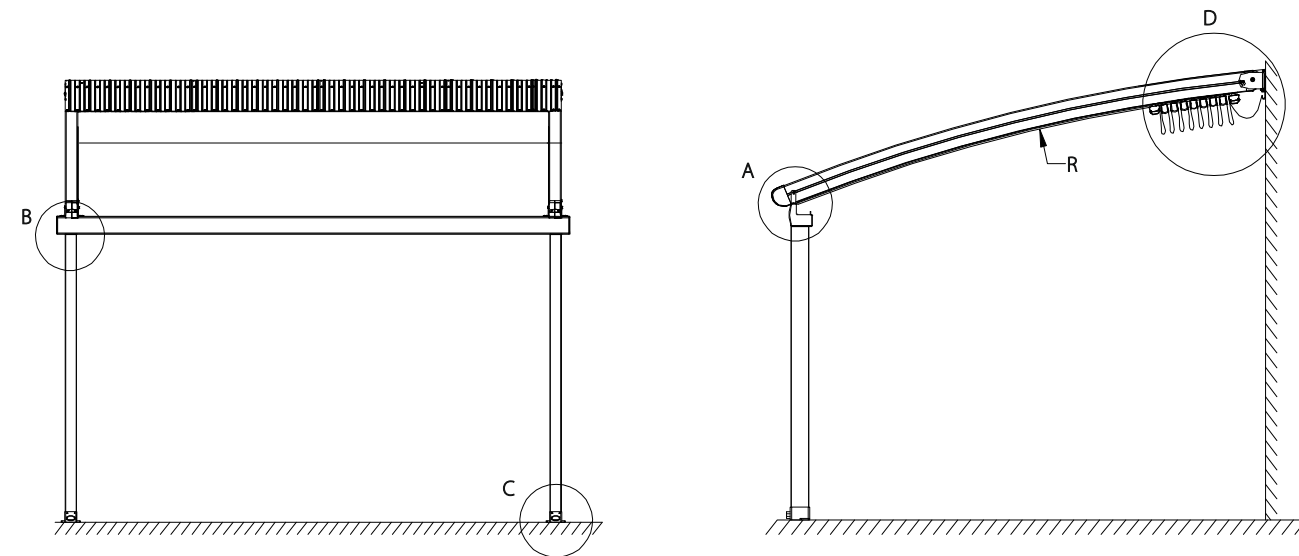
One Module 135 cm > 450 cm
 - One module with 2 rafters
 - Max. 450 cm width



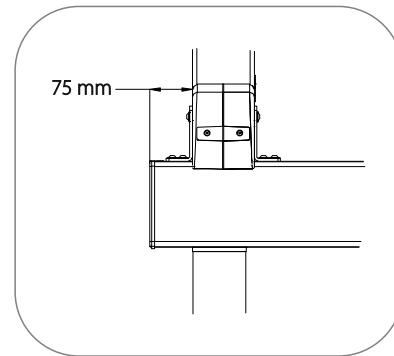
Two Modules 450 cm > 900 cm
 - Two modules with 3 rafters
 - Max. 900 cm width



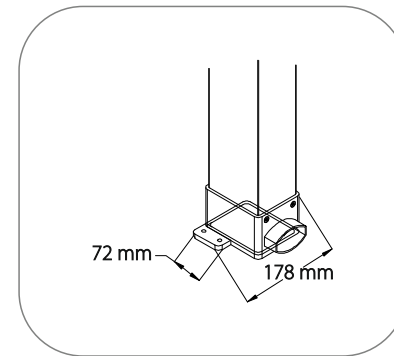
Three Modules 900 cm > 1300 cm
 - Three modules with 4 rafters
 - Max. 1300 cm width



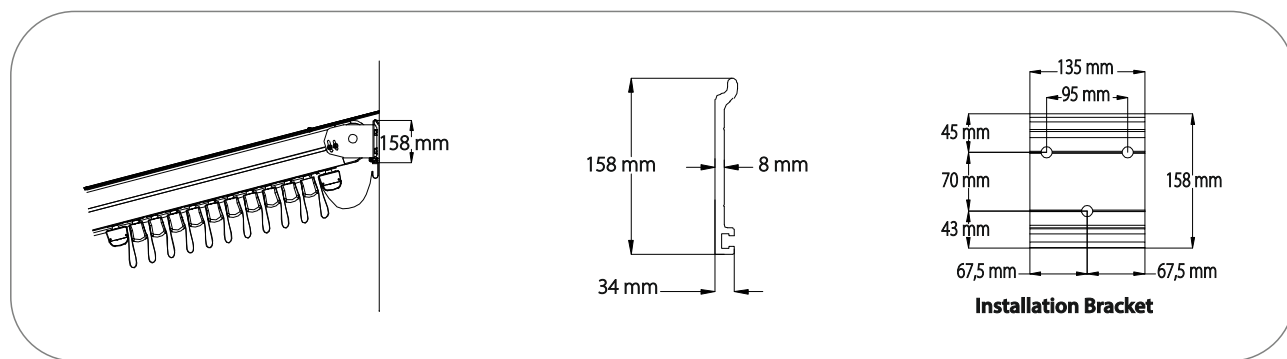
Detail - A



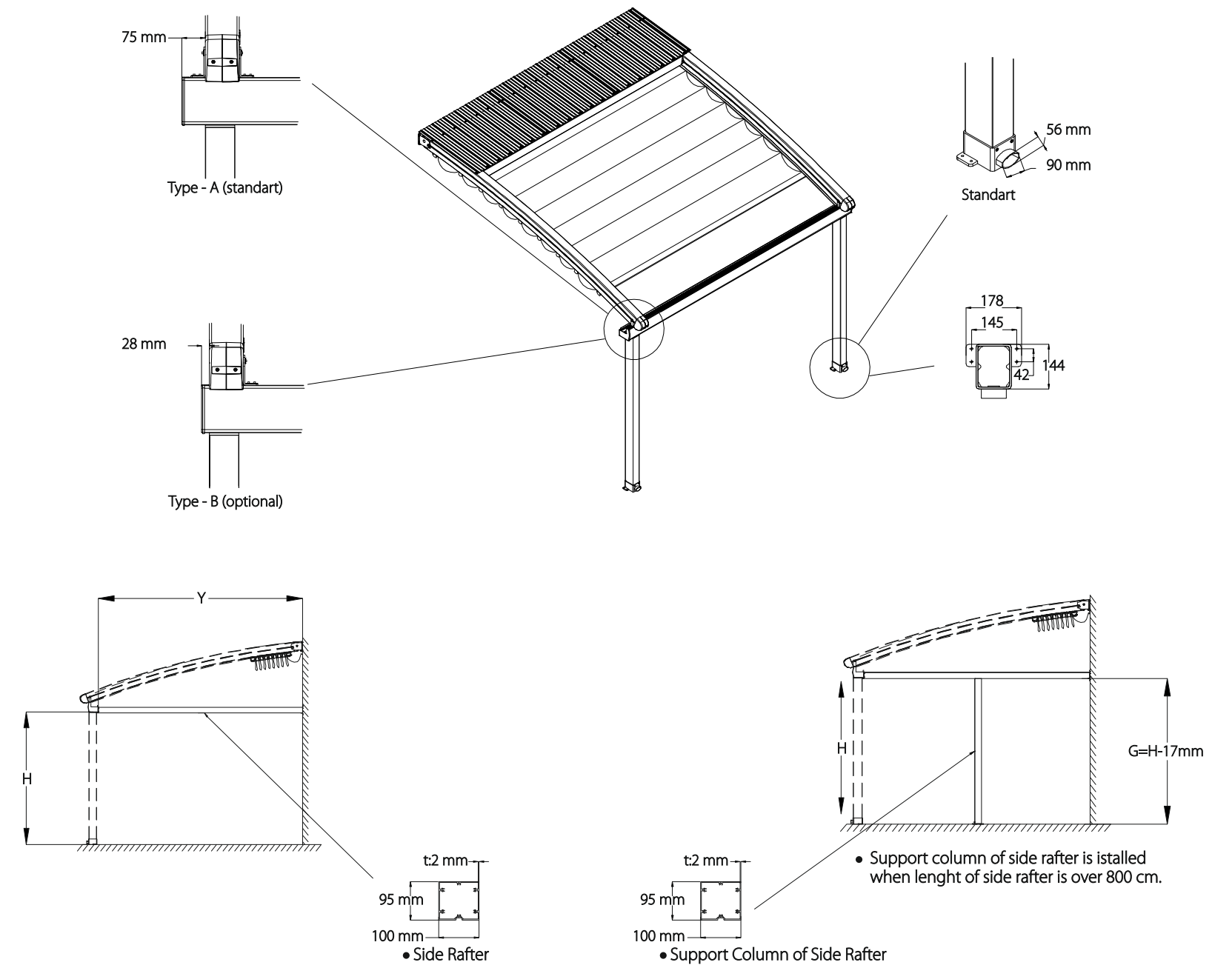
Detail - B

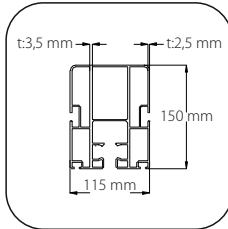
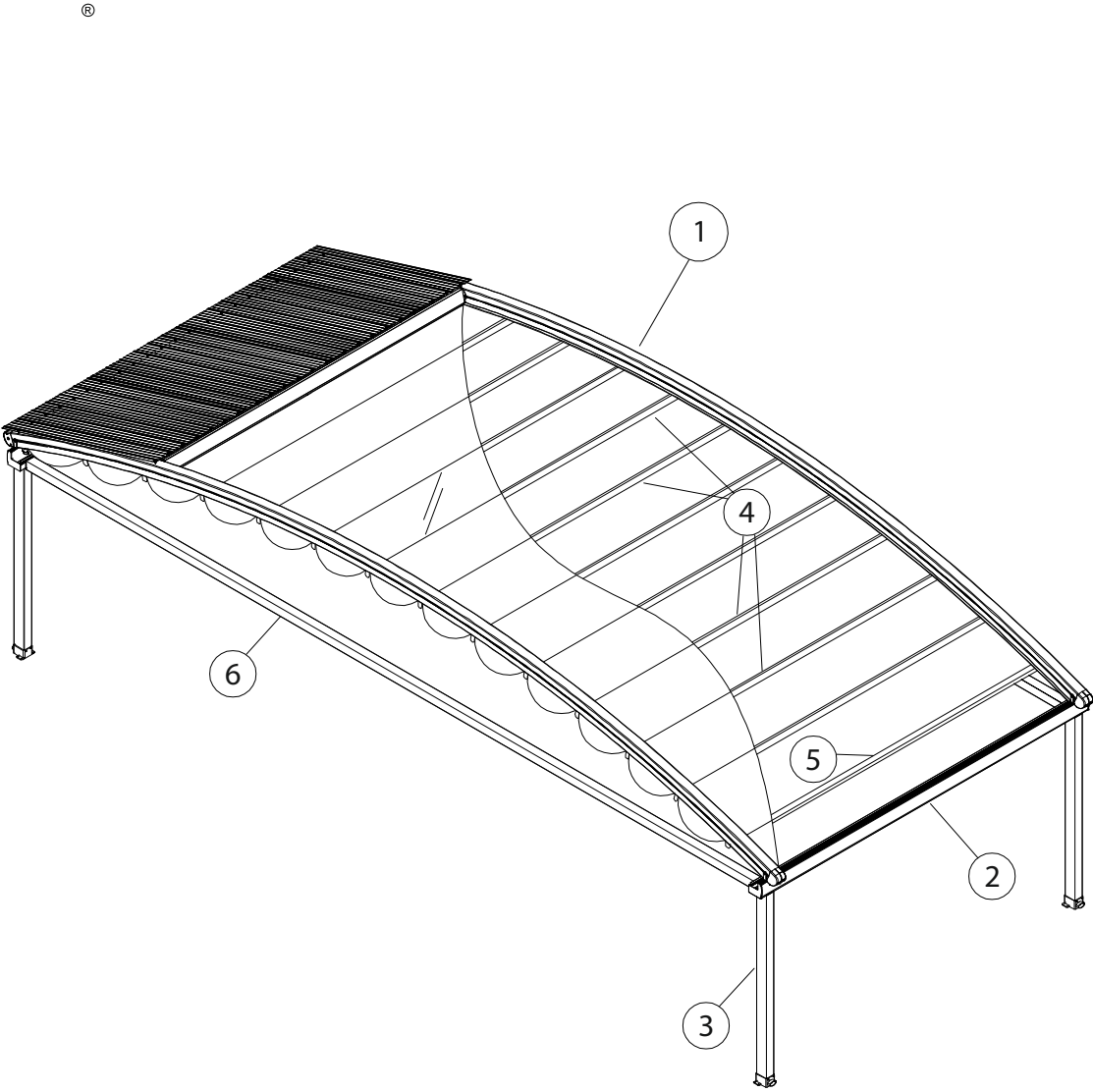


Detail - C

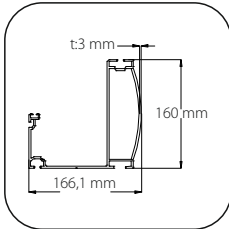


Detail - D

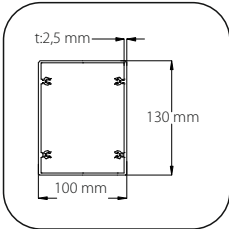




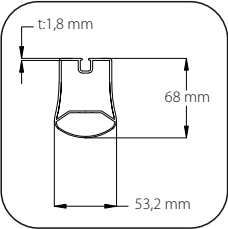
1- Rafter Profile



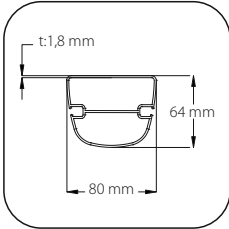
2- Gutter Profile



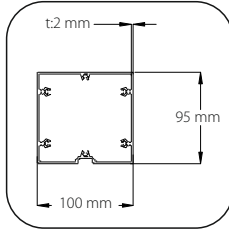
3- Post Profile



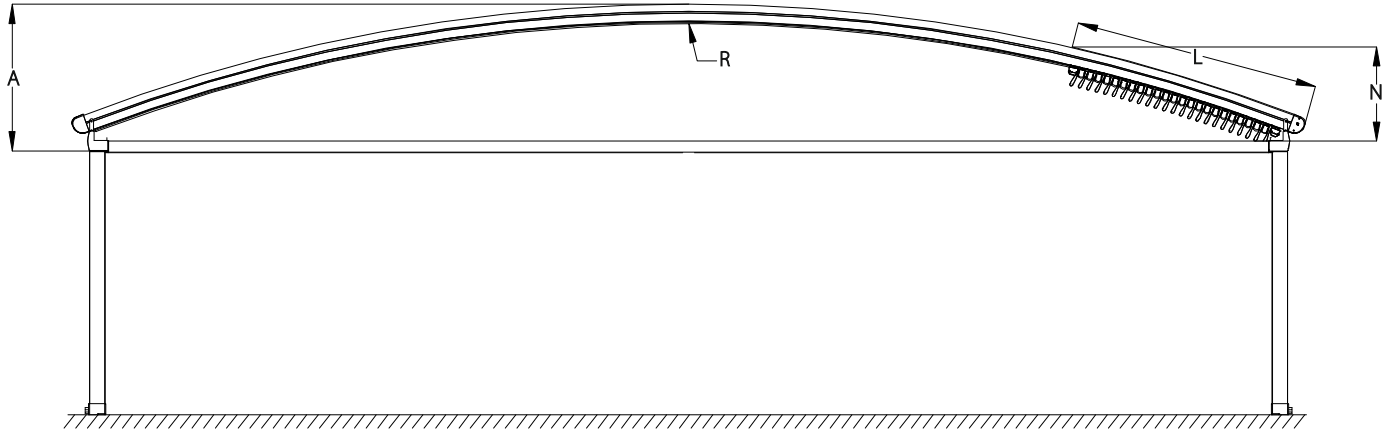
4- Fabric Support Profile



5- Puller Profile

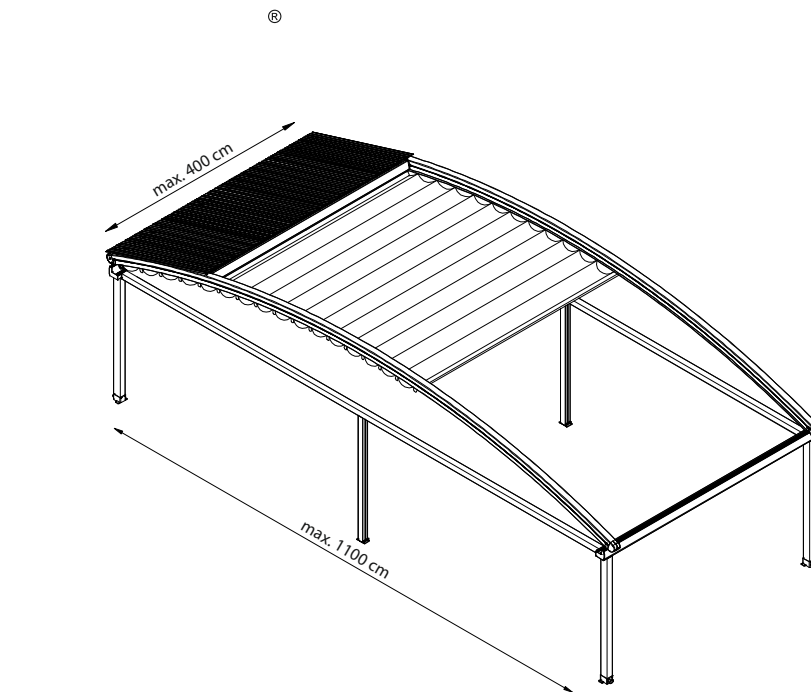


6- Side Rafter Profile



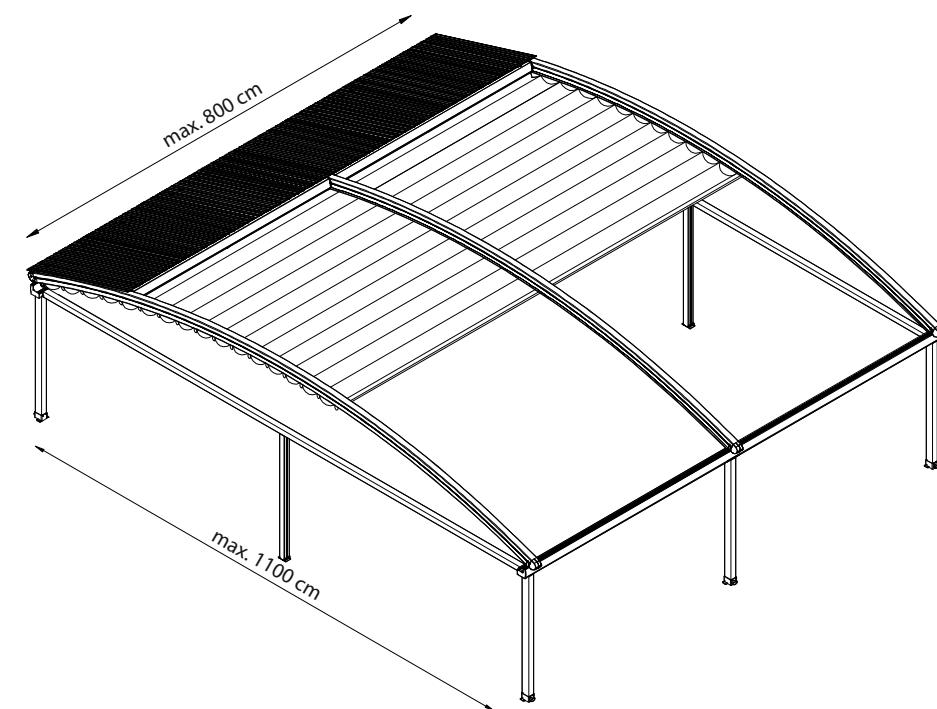
		Fabric Height	Hood	Fall	Fab. Sub. Profiles	Recomend. Radius
		(N) mm	(L) mm	** (A) mm	pc	(R) mm
Projection (P) cm	300	515	857	602	7	4000
	350	531	842	664	7	4500
	400	610	984	779	9	4500
	450	659	1113	845	11	5000
	500	642	1119	856	11	6000
	550	663	1256	873	13	7000
	600	653	1252	894	13	8000
	650	679	1392	917	15	9000
	700	679	1392	943	15	10000
	750	718	1533	1002	17	10500
	800	732	1529	1063	17	11000
	850	758	1685	1088	19	12000
	900	783	1799	1114	21	13000
	950	796	1798	1173	21	13500
	1000	841	1934	1233	23	14000
	1050	887	2075	1294	25	14500
	1100	900	2071	1355	25	15000

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



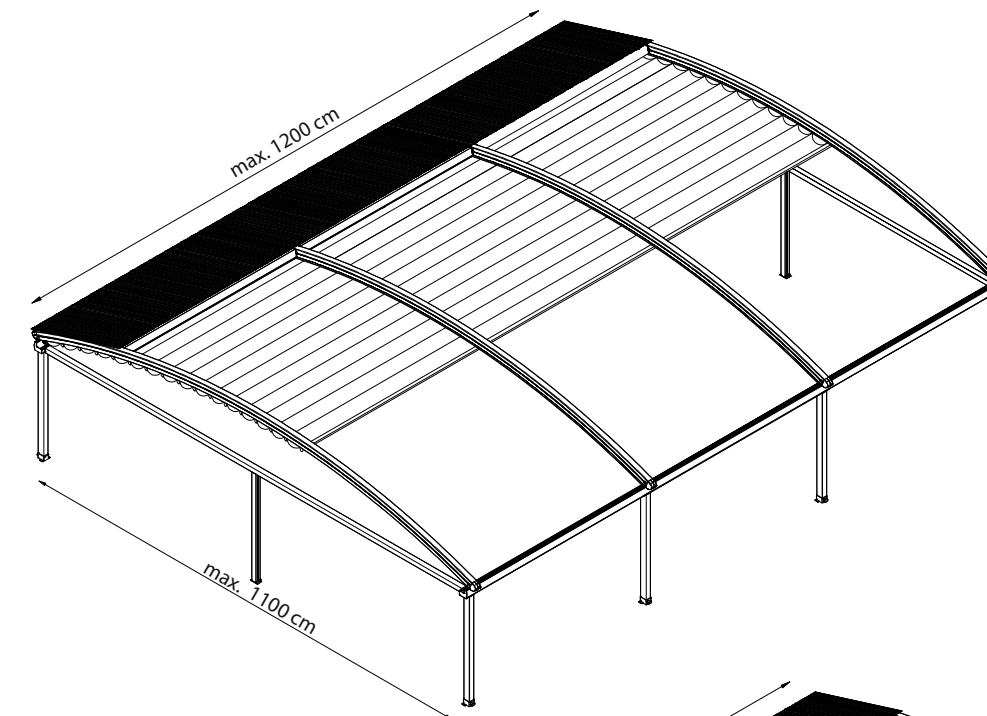
One Module 135 cm > 400 cm

- One module with 2 rafters
- Max. 400 cm width



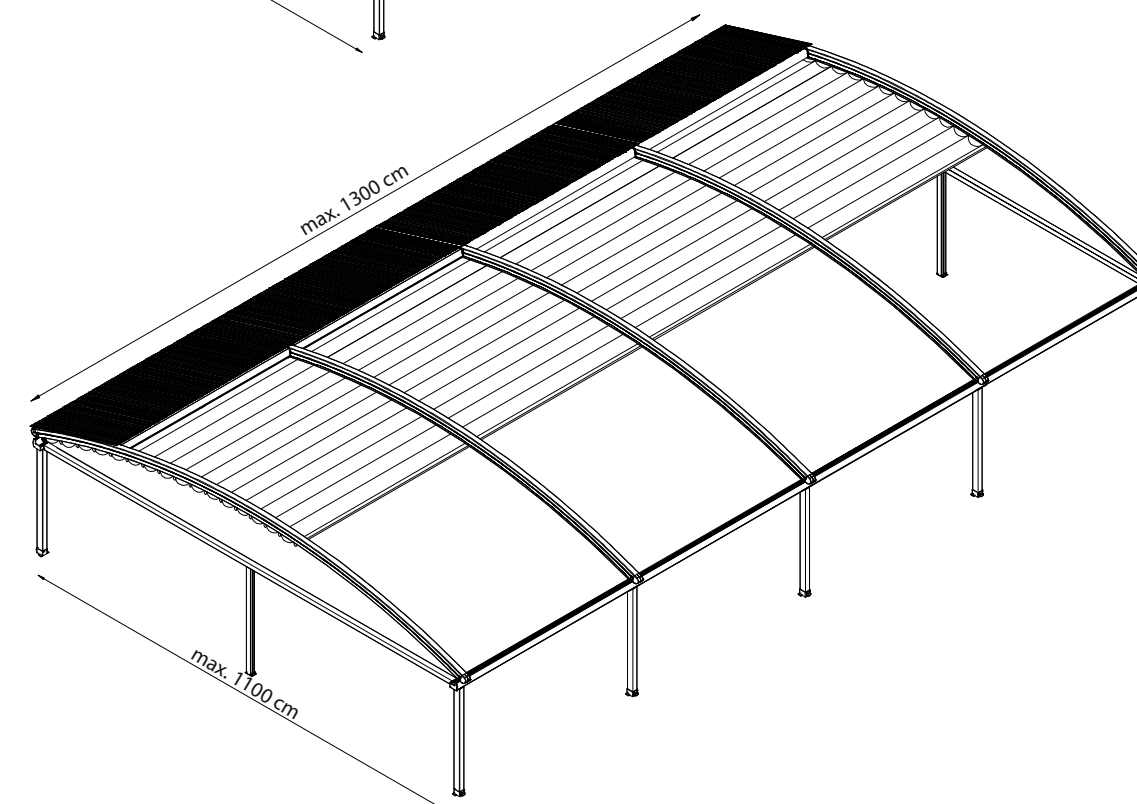
Two Modules 400 cm > 800 cm

- Two modules with 3 rafters
- Max. 800 cm width



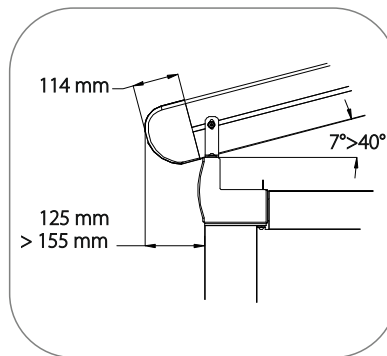
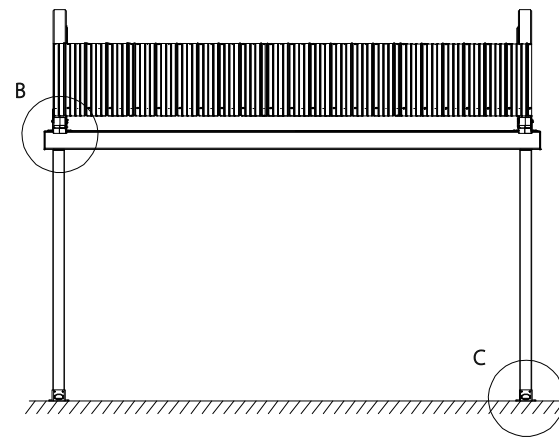
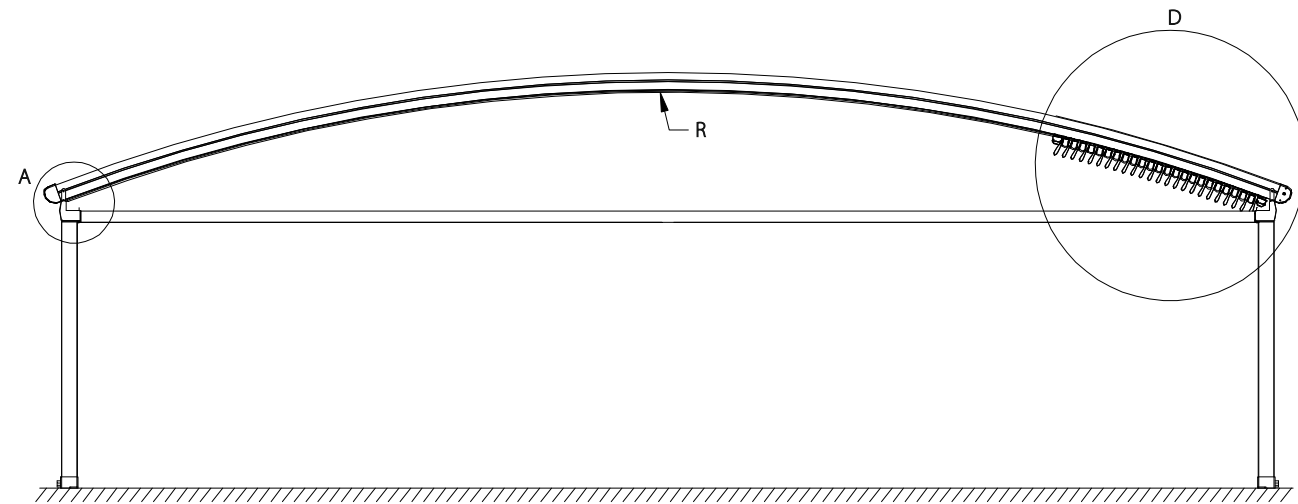
Three Modules 800 cm > 1200 cm

- Three modules with 4 rafters
- Max. 1200 cm width

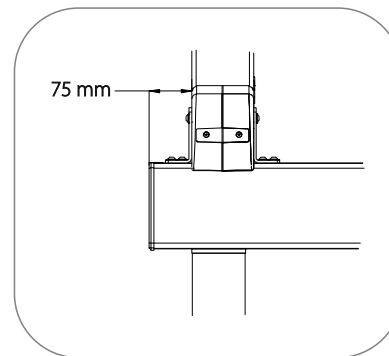


Four Modules 1200 cm > 1300 cm

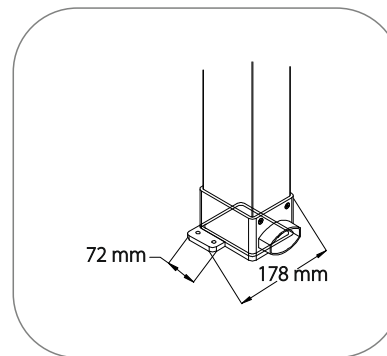
- Four modules with 5 rafters
- Max. 1300 cm width



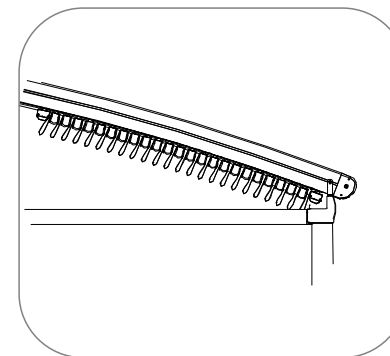
Detail - A



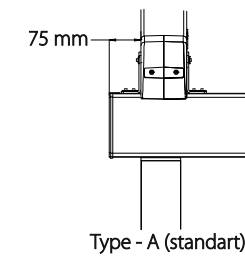
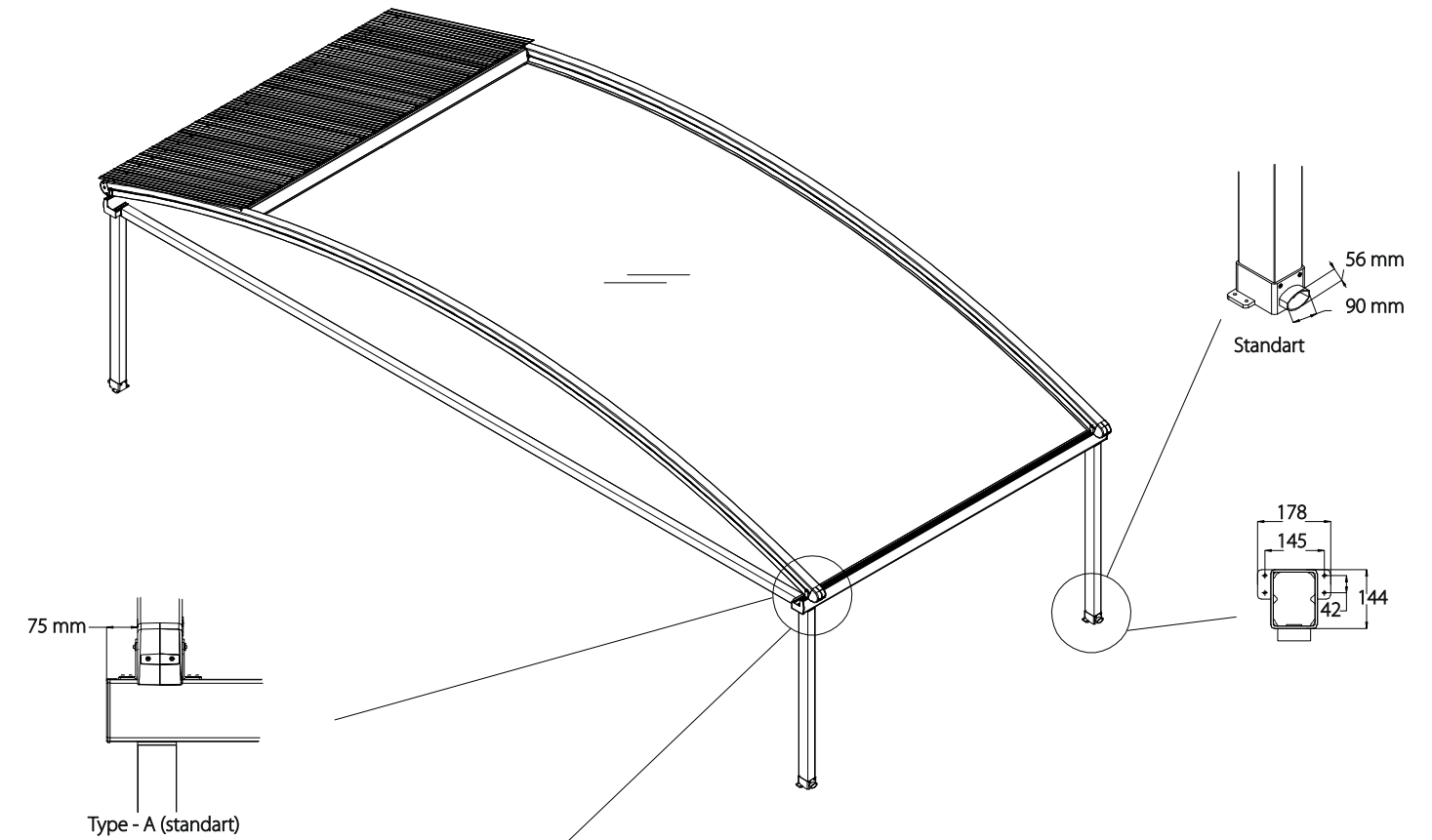
Detail - B



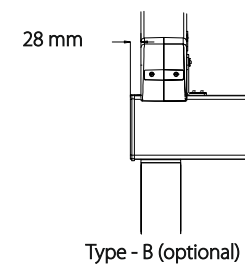
Detail - C



Detail - D

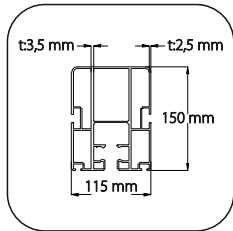
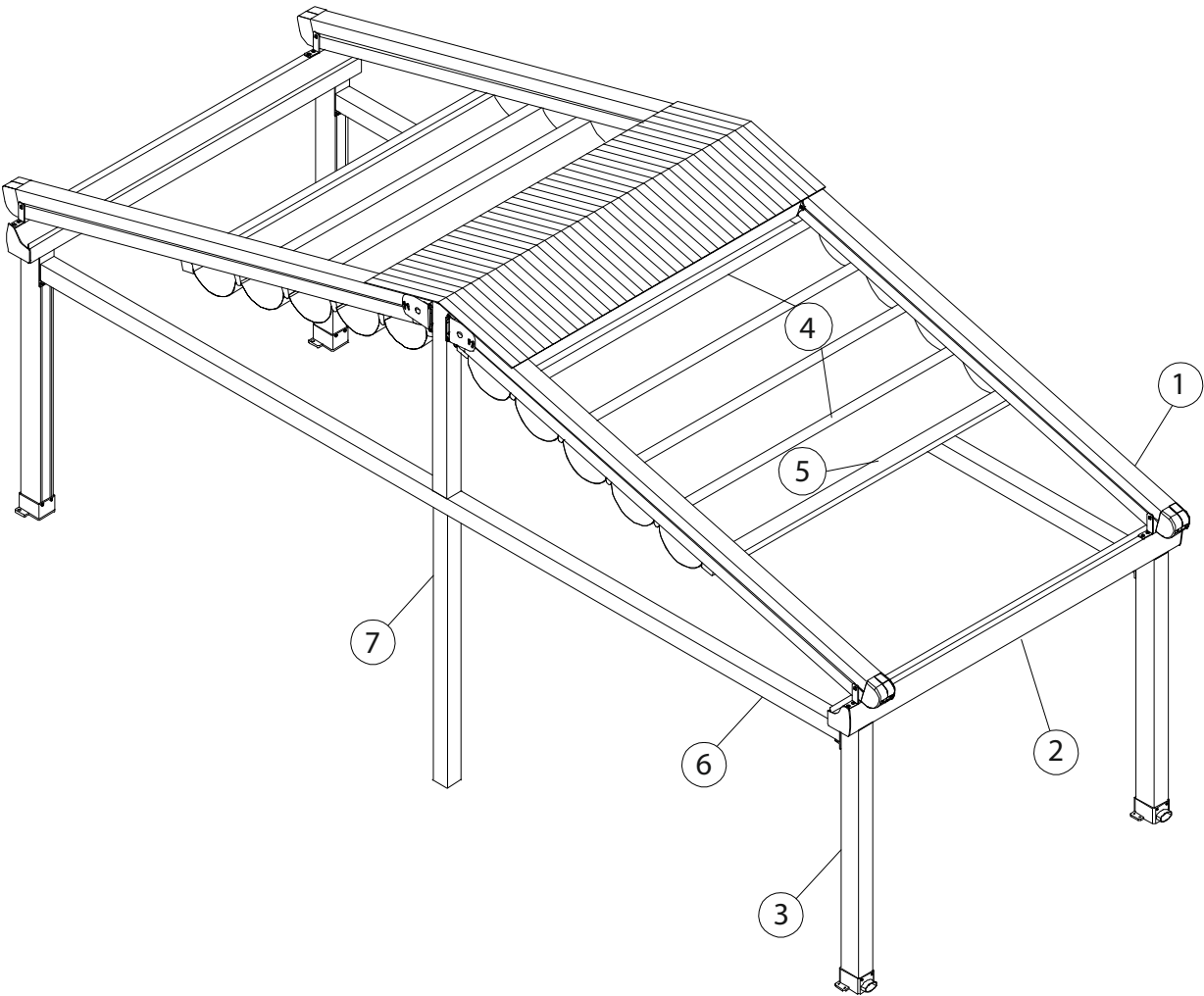


Type - A (standart)

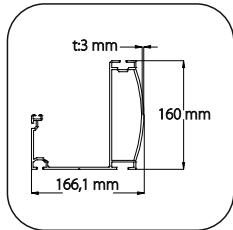


Type - B (optional)

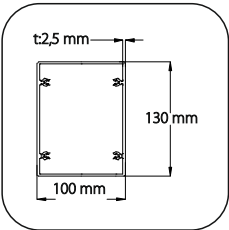
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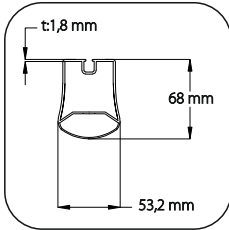
1- Rafter Profile



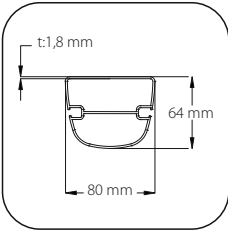
2- Gutter Profile



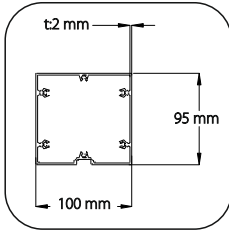
3- Post Profile



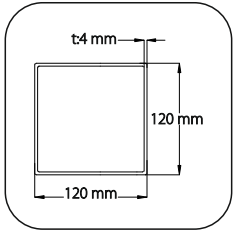
4- Fabric Support Profile



5- Puller Profile

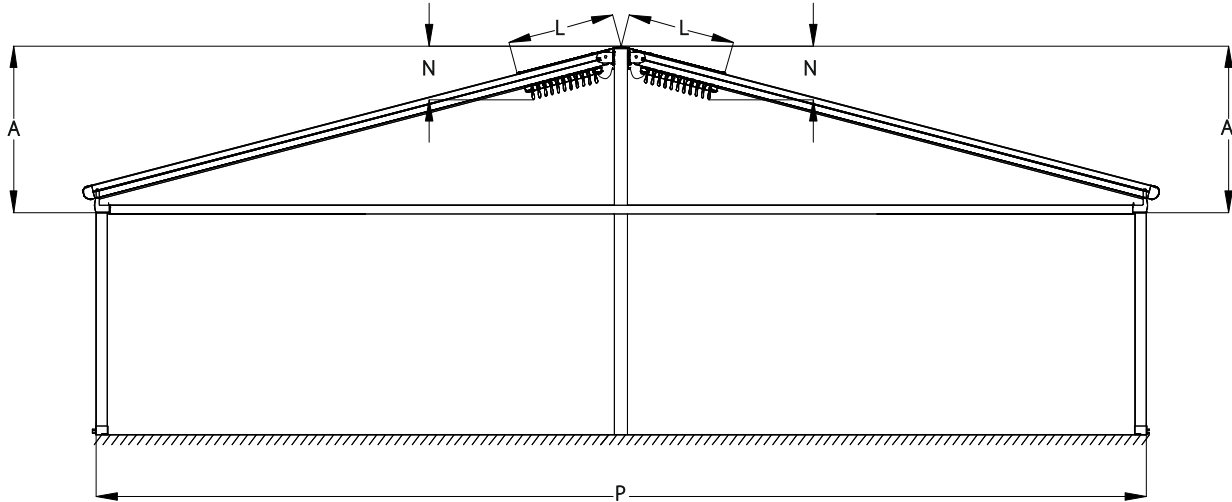


6- Side Rafter Profile



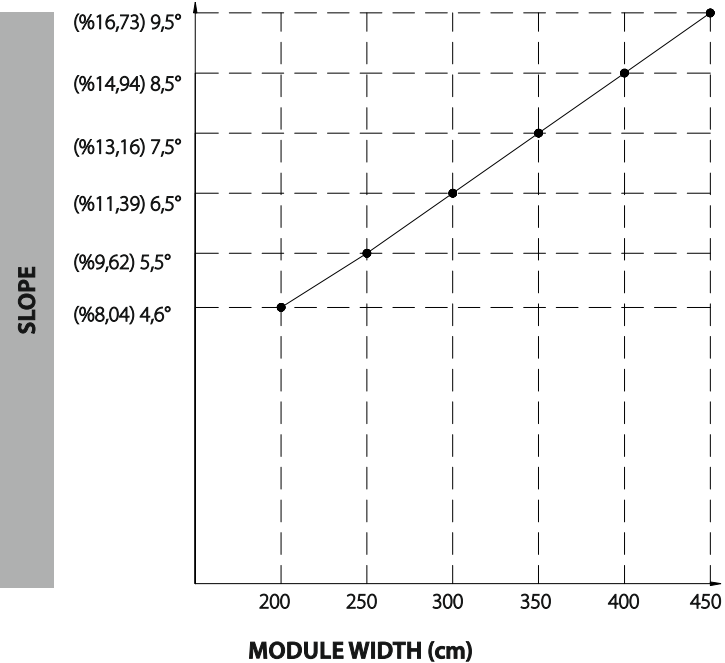
7- Hollow Section Steel Profile

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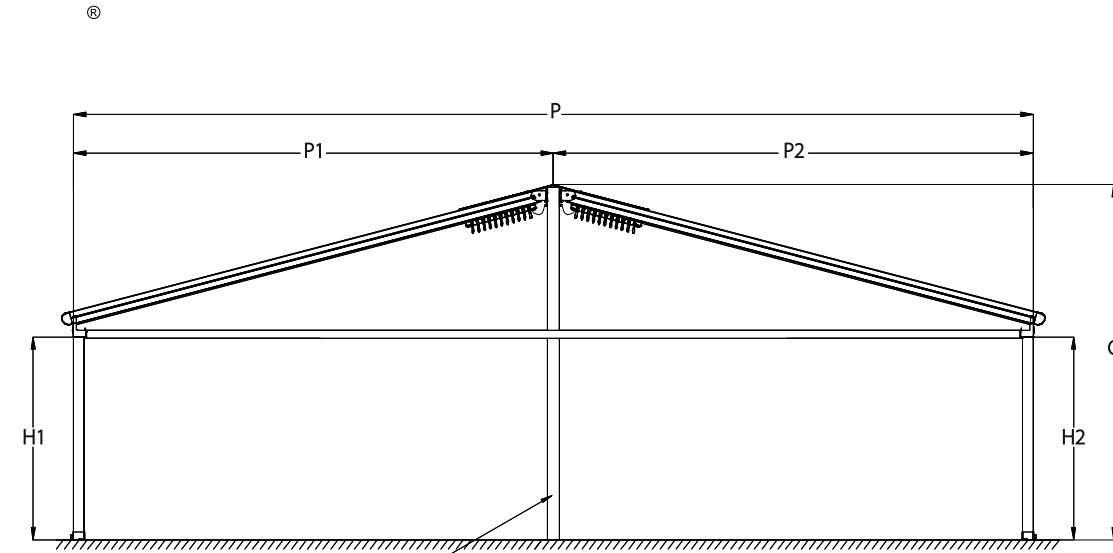


	Fabric Height	Hood	Fall	Fab. Sub. Profiles
	(N) mm	(L) mm	** (A) mm	pc
600	436	700	673	10
700	445	768	735	12
800	453	835	797	14
900	462	904	859	16
1000	477	1040	921	20
1100	486	1107	983	22
1200	494	1175	1045	24
1300	502	1244	1107	26
1400	510	1312	1169	28
1500	518	1380	1231	30
1600	528	1450	1293	32
1700	534	1518	1355	34
1800	542	1586	1417	36

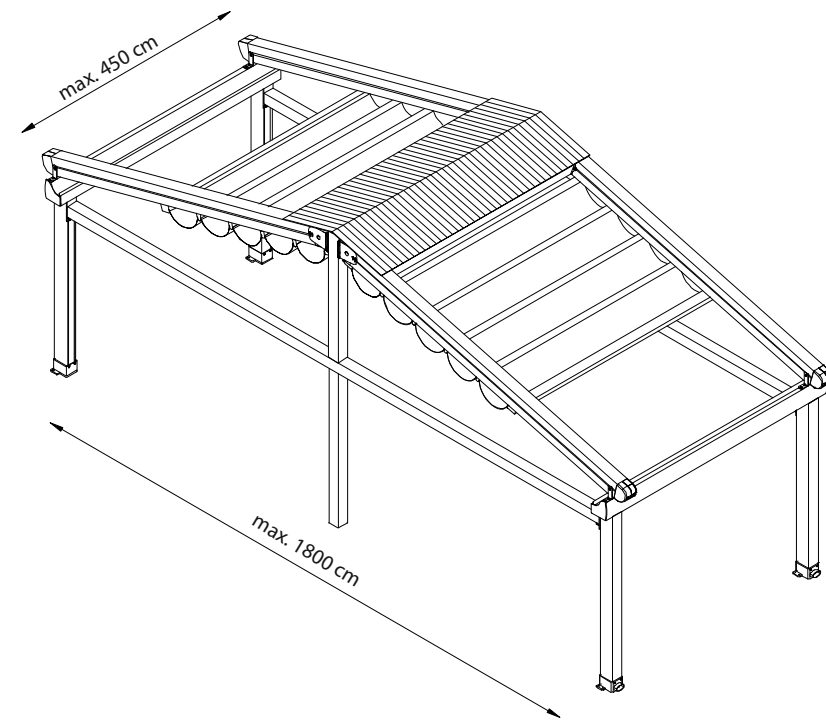
*With min. Inclination of 7°. Values can vary by other Inclination values.



Minimum slopes for flat, flat variance, flat harmony, flat city versions.

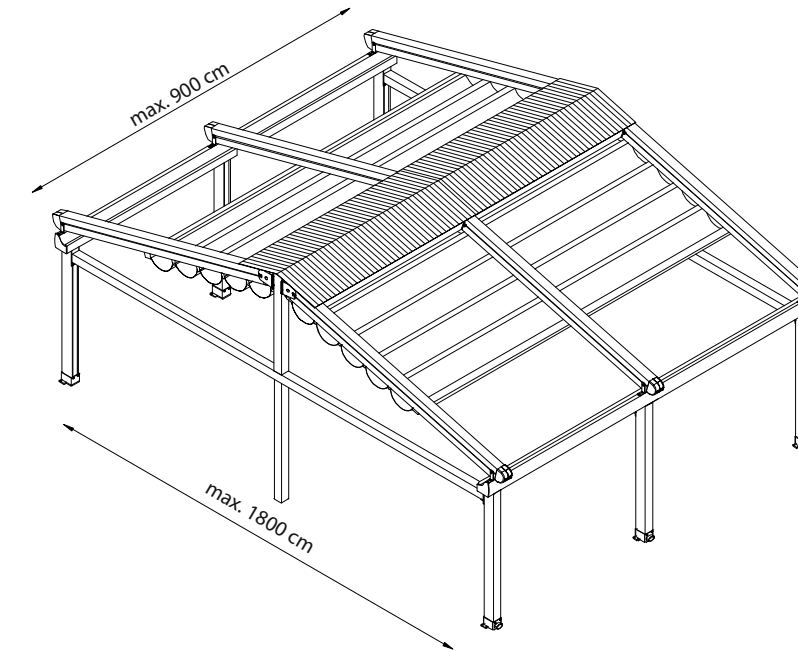


Over 700 cm width, a support column needed for steel structure



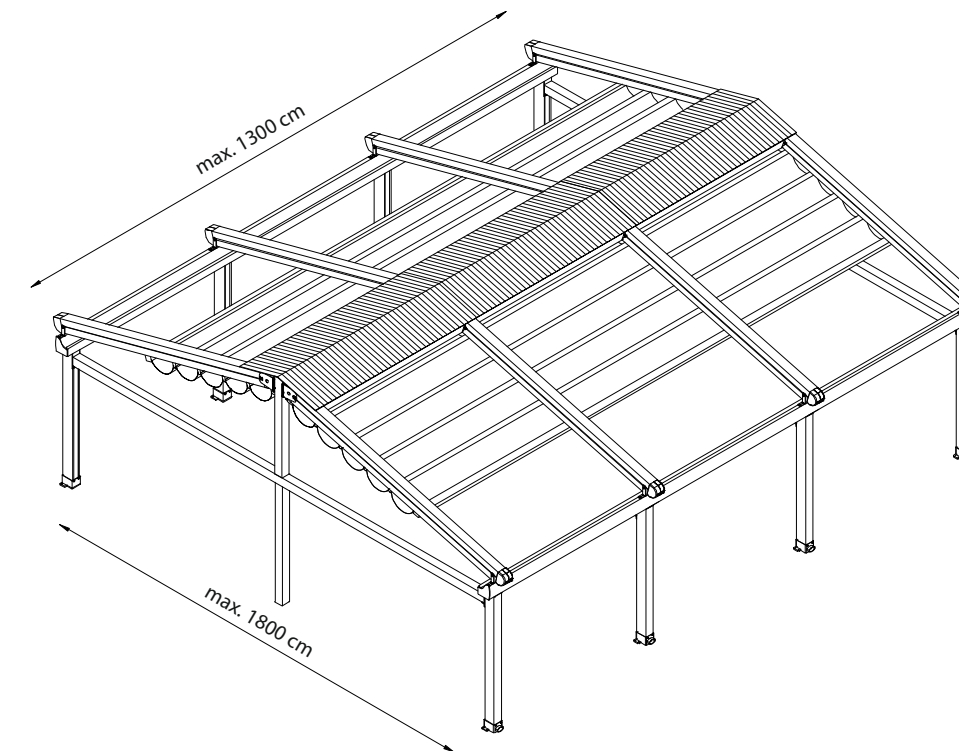
One Module 135 cm > 450 cm

- One module with 4 rafters
- Max. 450 cm width



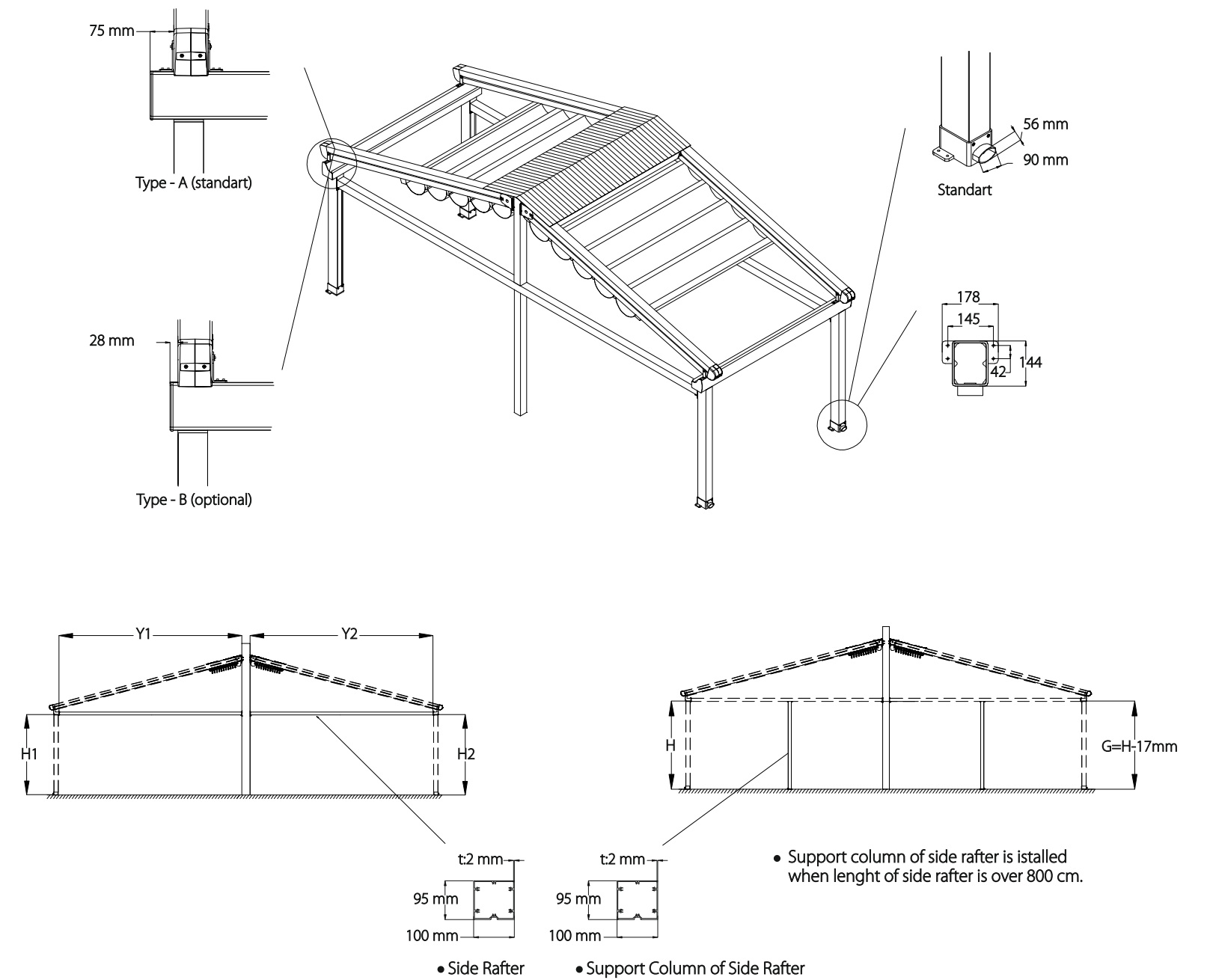
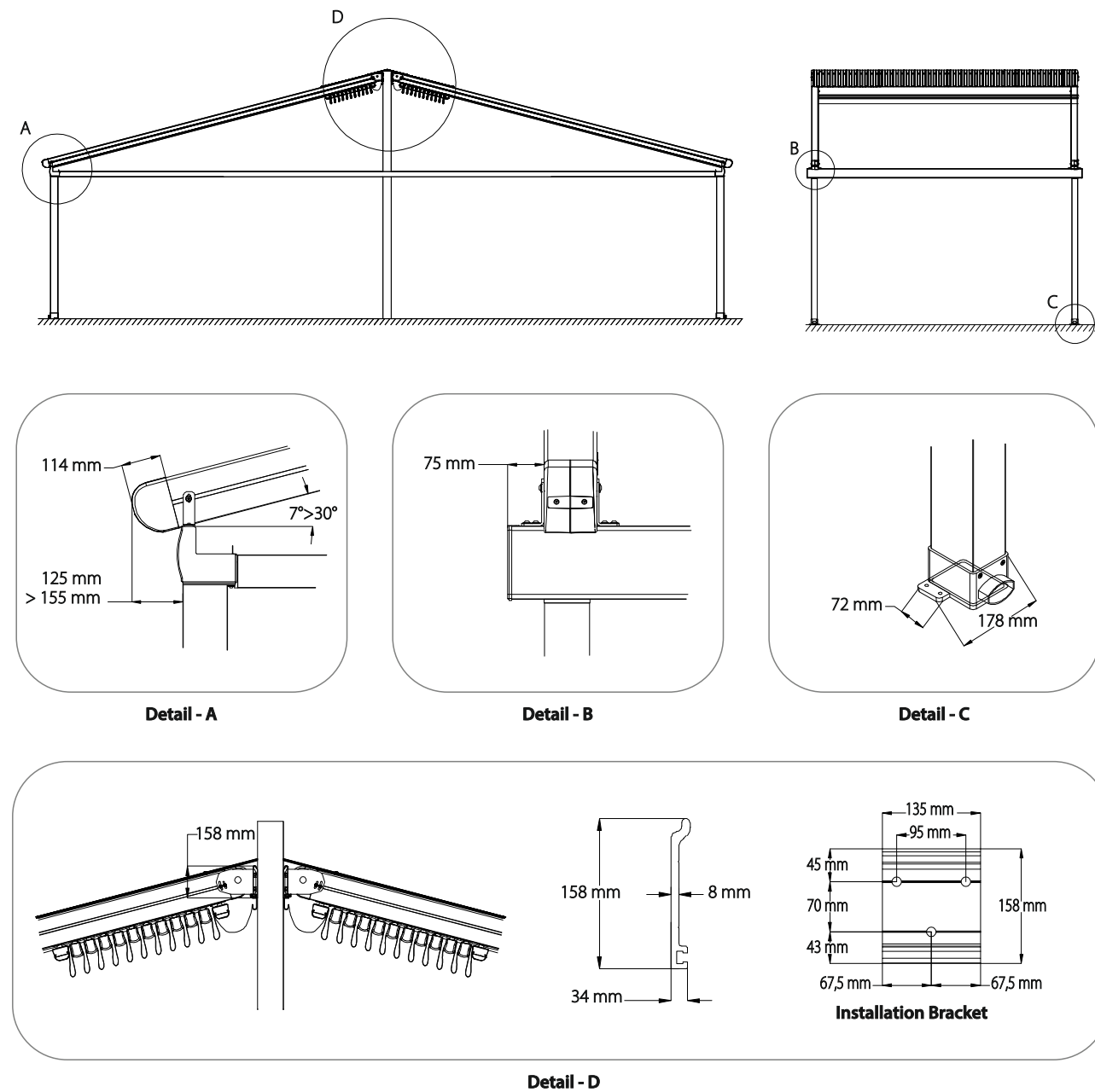
Two Modules 450 cm > 900 cm

- Two modules with 6 rafters
- Max. 900 cm width

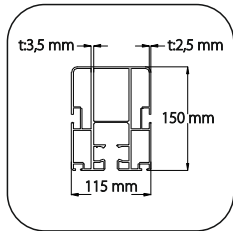
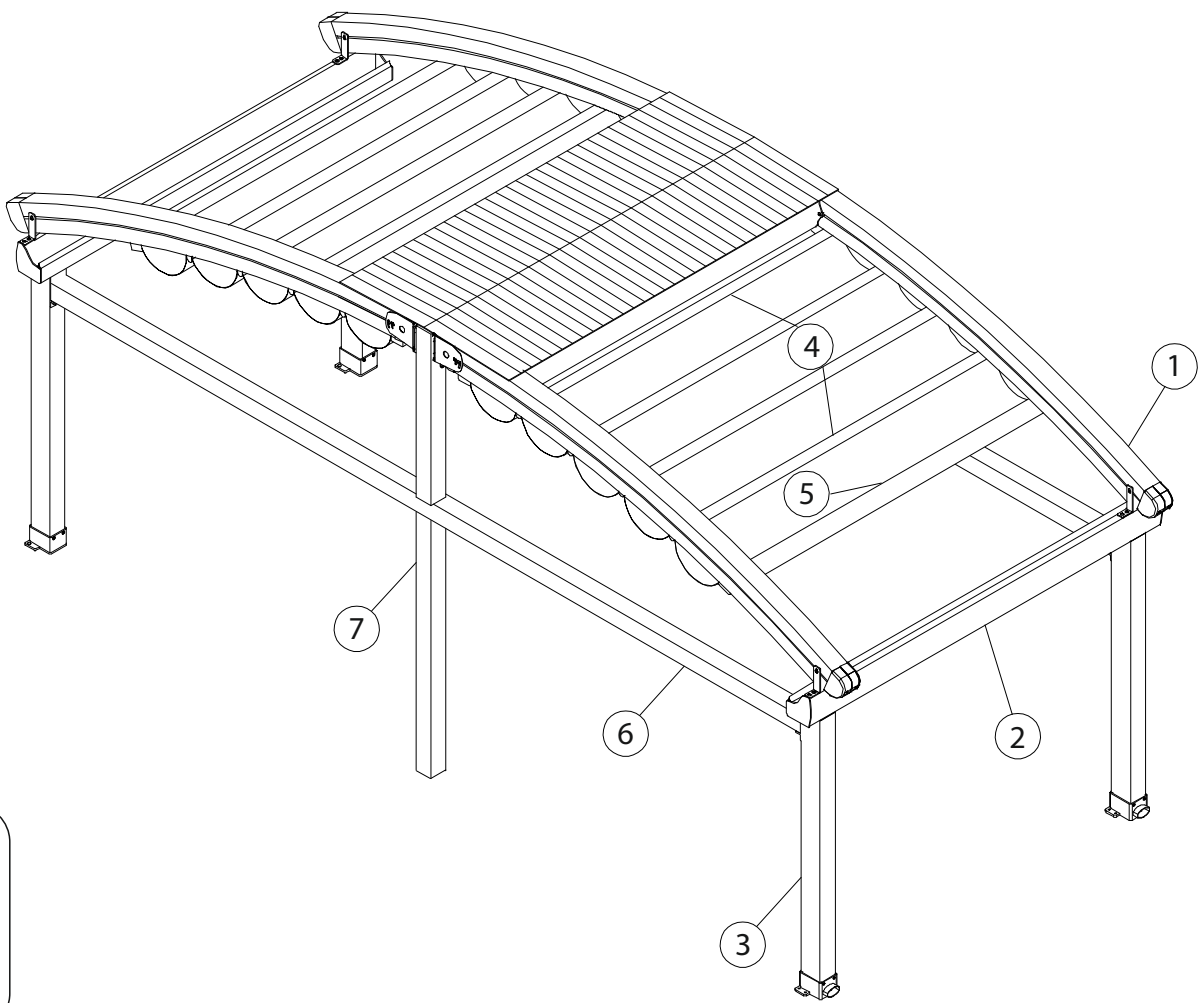


Three Modules 900 cm > 1300 cm

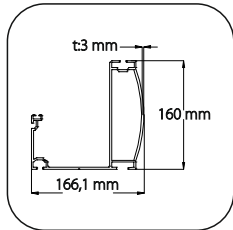
- Three modules with 8 rafters
- Max. 1300 cm width



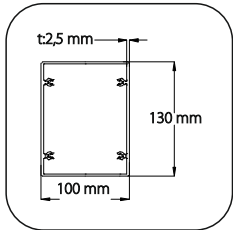
®



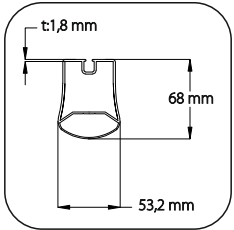
1- Rafter Profile



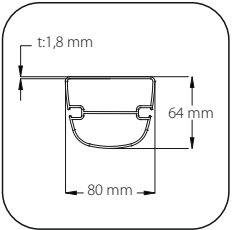
2- Gutter Profile



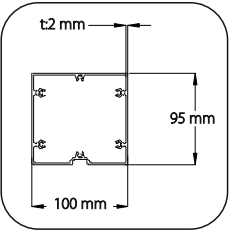
3- Post Profile



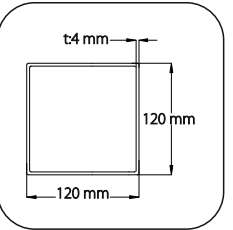
4- Fabric Support Profile



5- Puller Profile

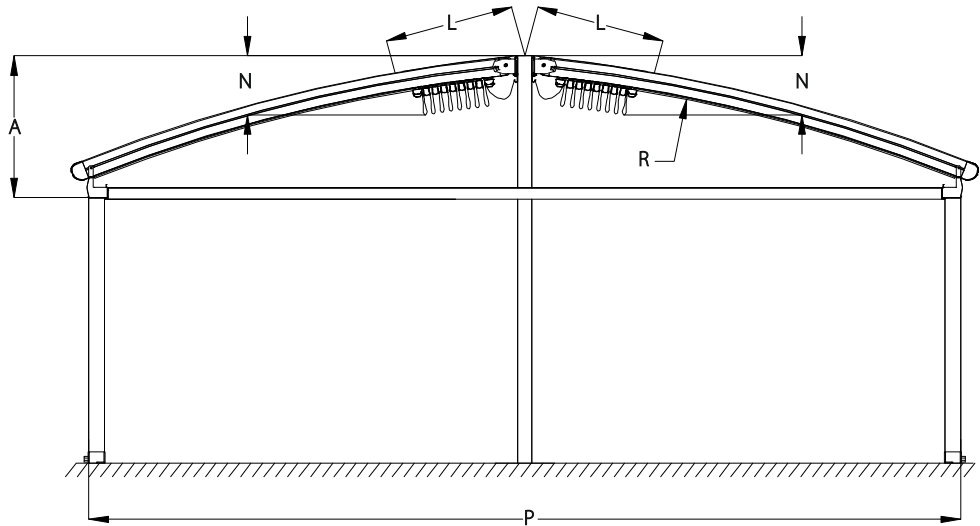


6- Side Rafter Profile

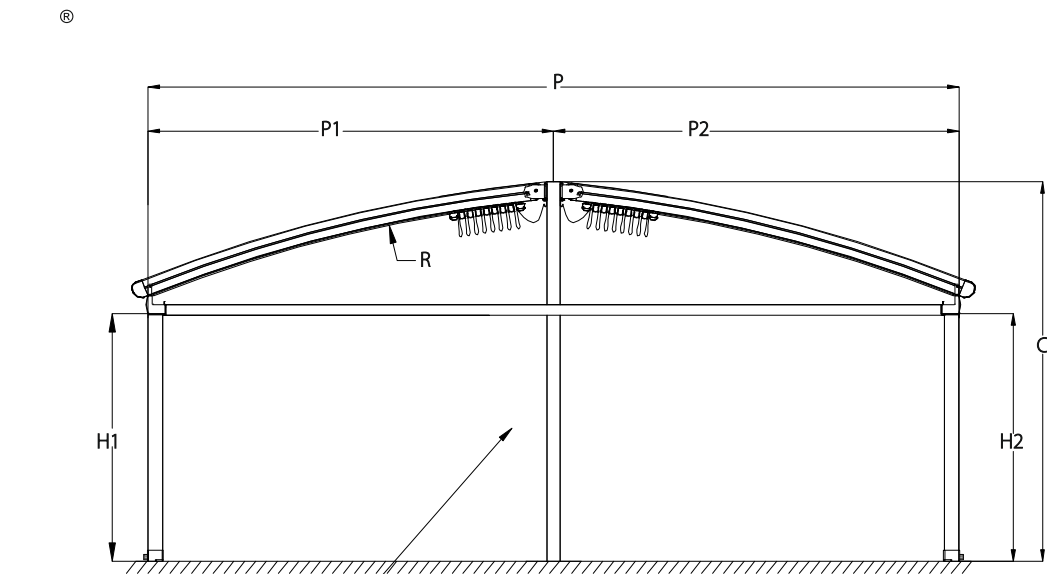


7- Hollow Section Steel Profile

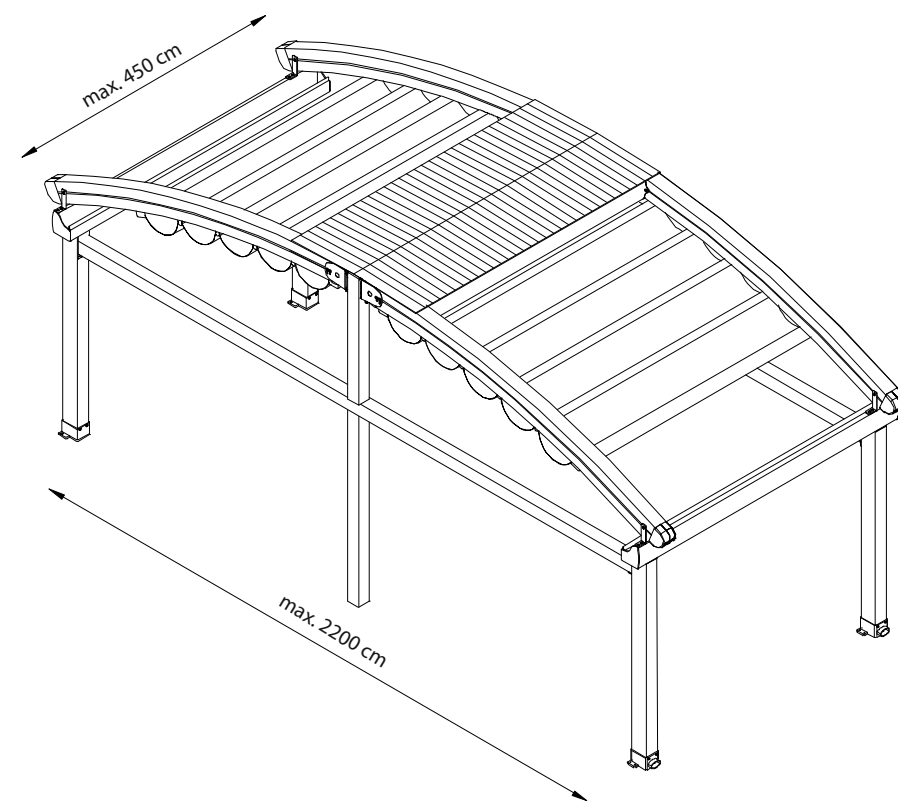
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		Fabric Height	Hood	Fall	Fab. Sub. Profiles	Recomend. Radius
		(N) mm	(L) mm	** (A) mm	pc	(R) mm
Projection (P) cm	600	409	778	952	12	8000
	700	414	843	1093	14	9000
	800	419	914	1237	16	10000
	900	421	980	1300	18	12000
	1000	426	1047	1442	20	13000
	1100	431	1114	1586	22	14000
	1200	435	1183	1731	24	15000
	1300	434	1250	1590	26	20000
	1400	446	1386	1786	30	20000
	1500	444	1457	1695	32	25000
	1600	451	1524	1875	34	25000
	1700	446	1588	1632	36	35000
	1800	451	1655	1778	38	35000
	1900	458	1722	1932	40	35000
2000	462	1791	1908	42	40000	
2100	466	1863	2058	44	40000	
2200	470	1930	2215	46	40000	

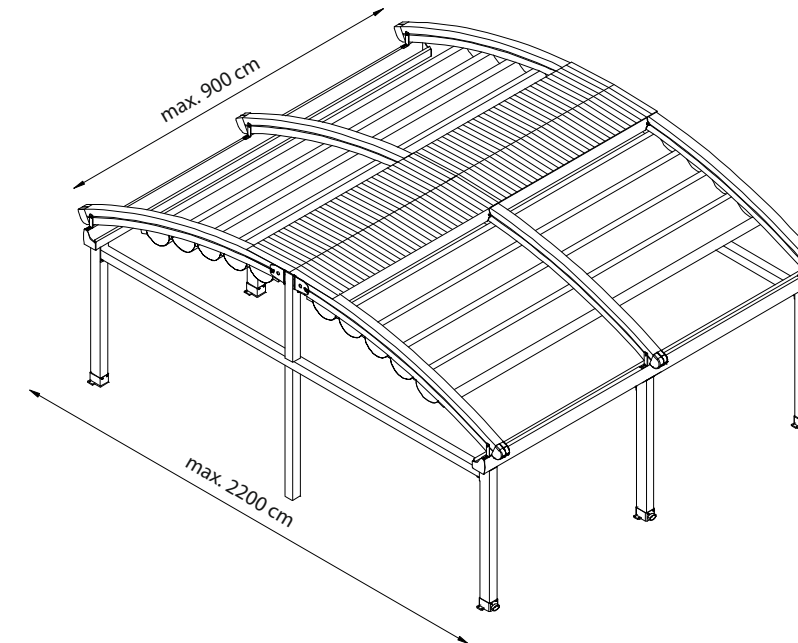


Over 700 cm width, a support column needed for steel structure



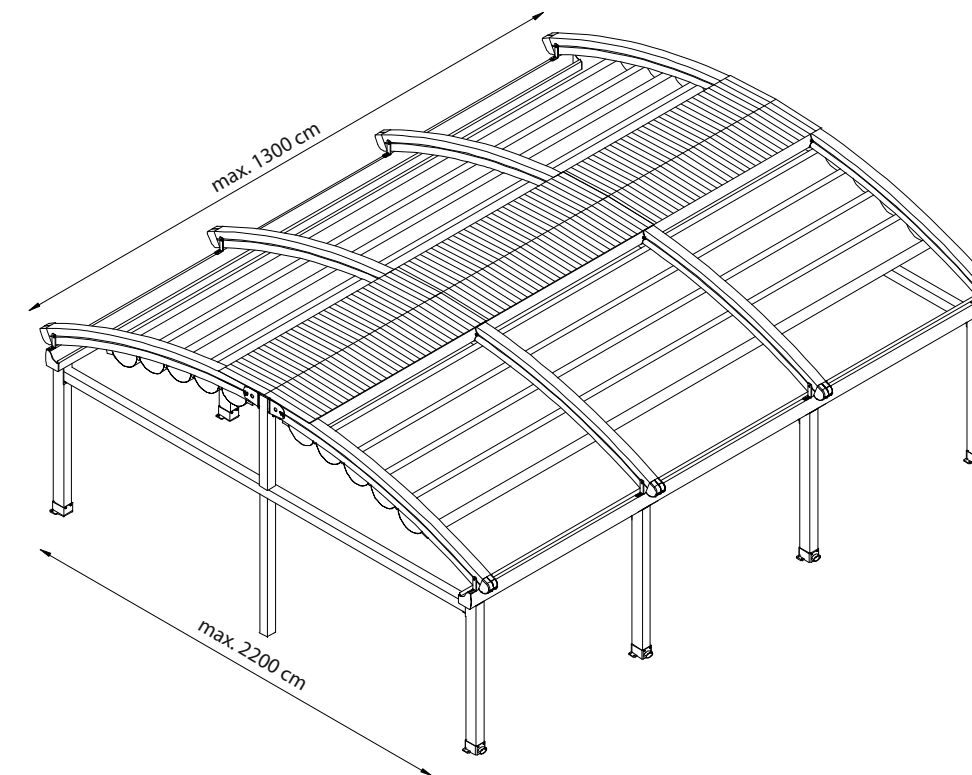
One Module 135 cm > 450 cm

- One module with 4 rafters
- Max. 450 cm width



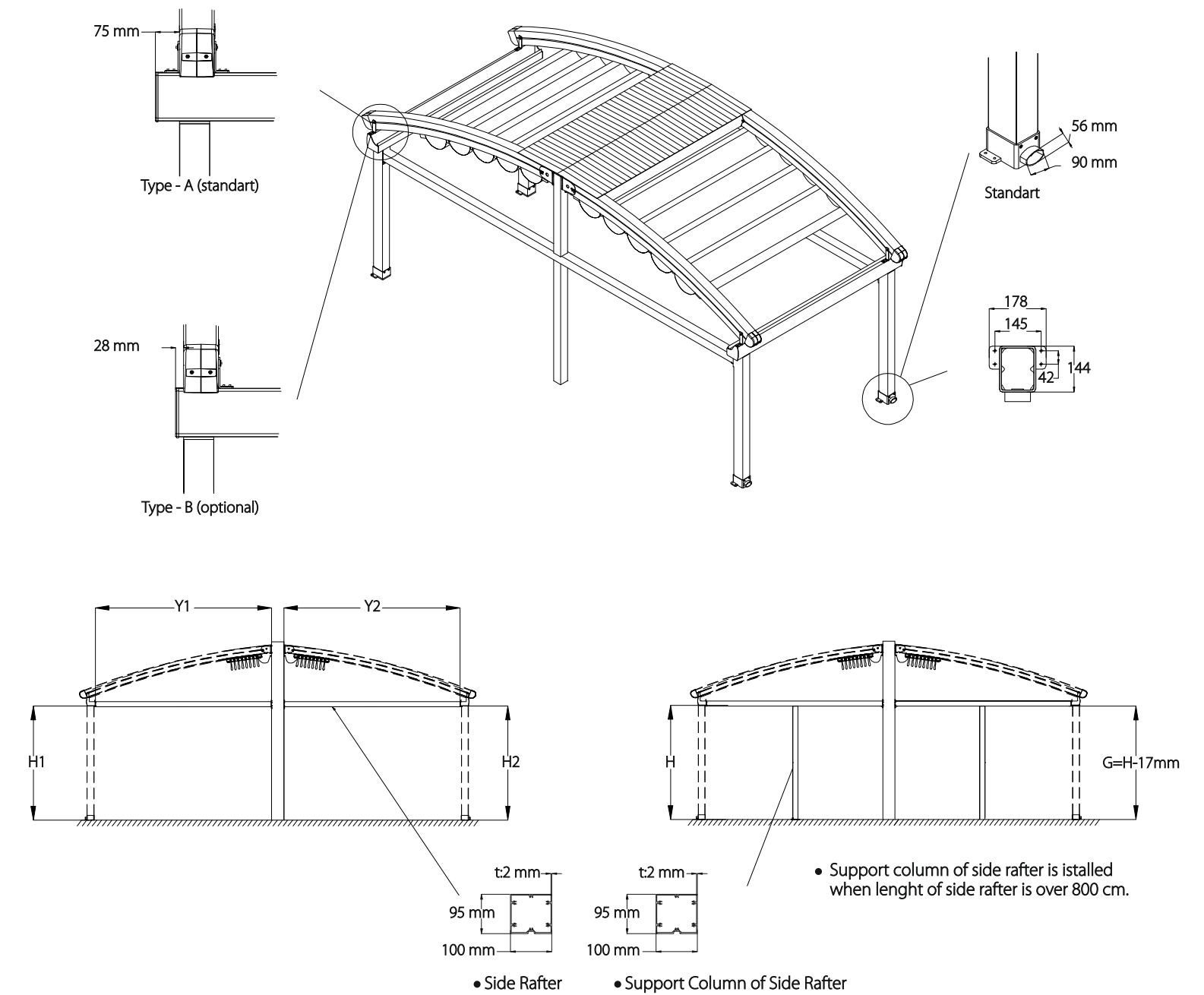
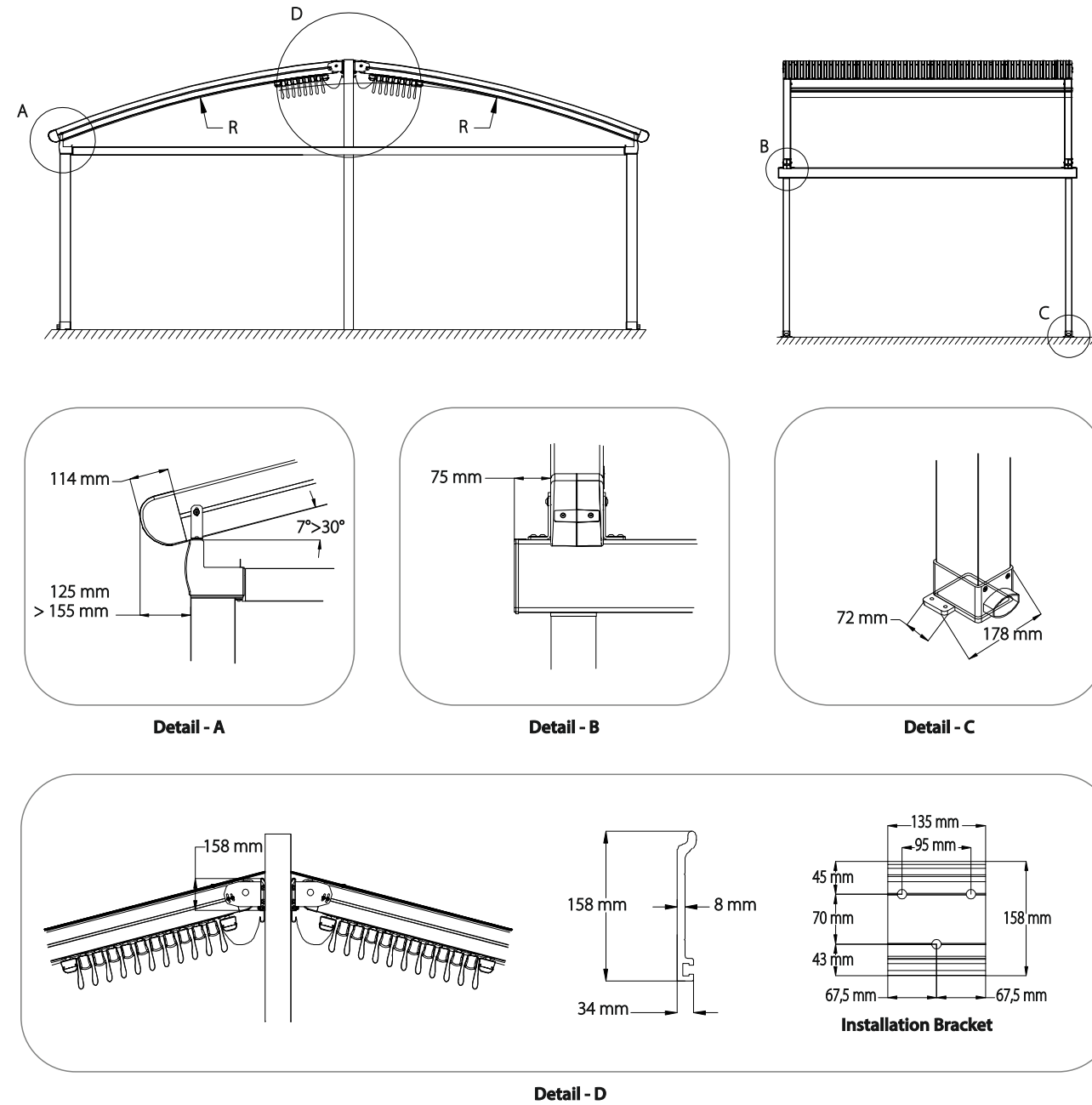
Two Modules 450 cm > 900 cm

- Two modules with 6 rafters
- Max. 900 cm width



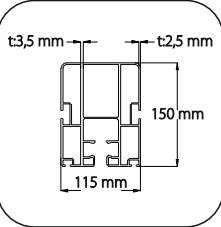
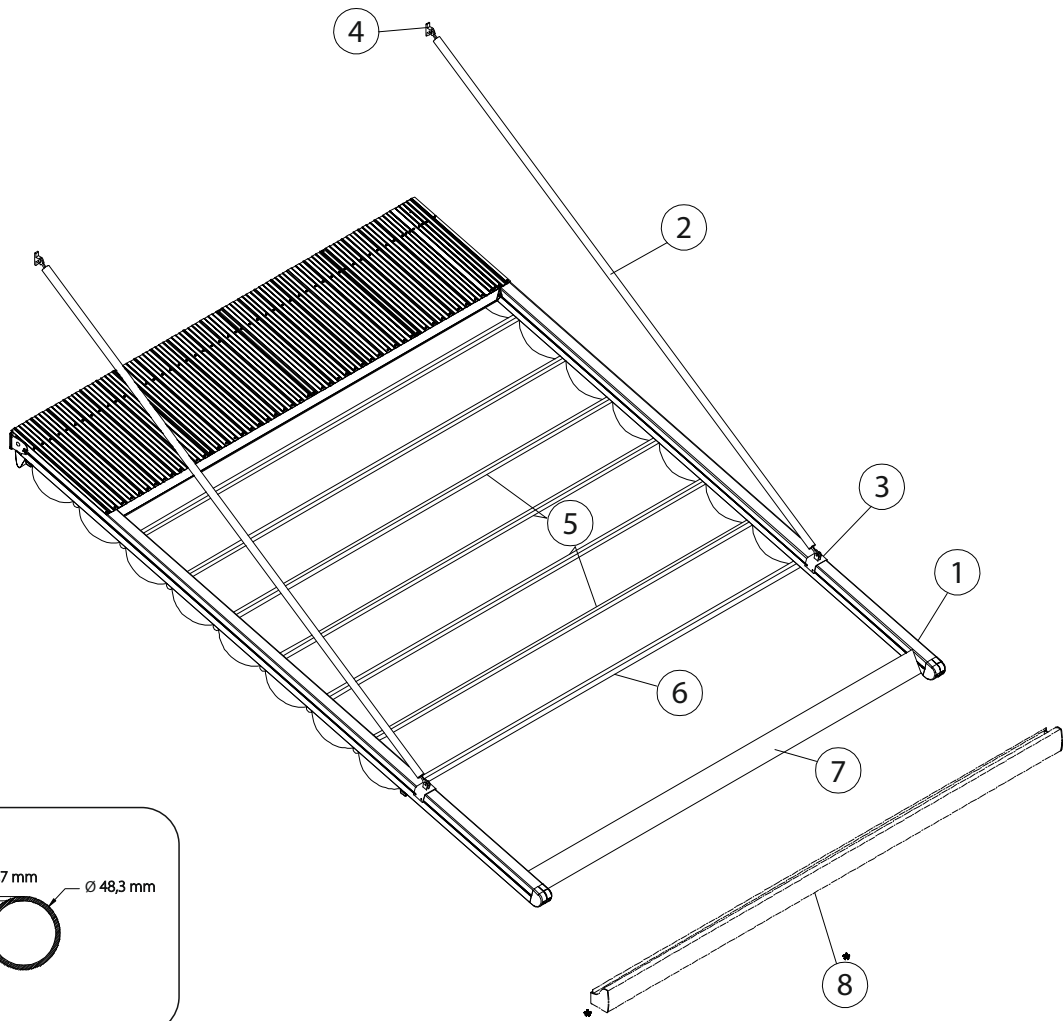
Three Modules 900 cm > 1300 cm

- Three modules with 8 rafters
- Max. 1300 cm width

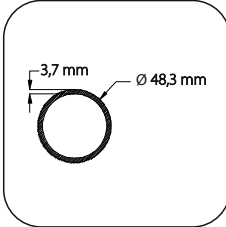


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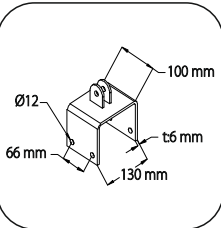
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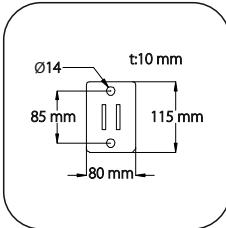
1- Rafter Profile



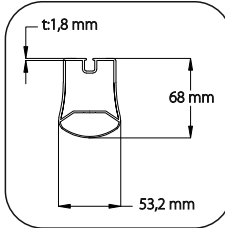
2- Hang Tube Profile



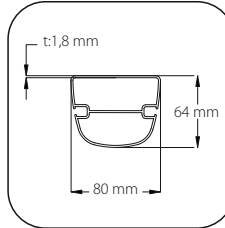
3- Hang Profile



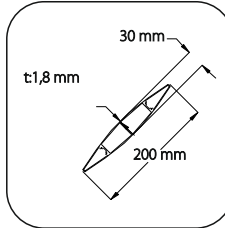
4- Hang Wall Bracket Profile



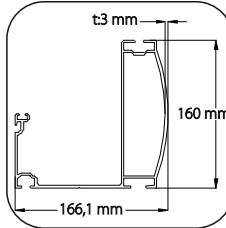
5- Fabric Support Profile



6- Puller Profile

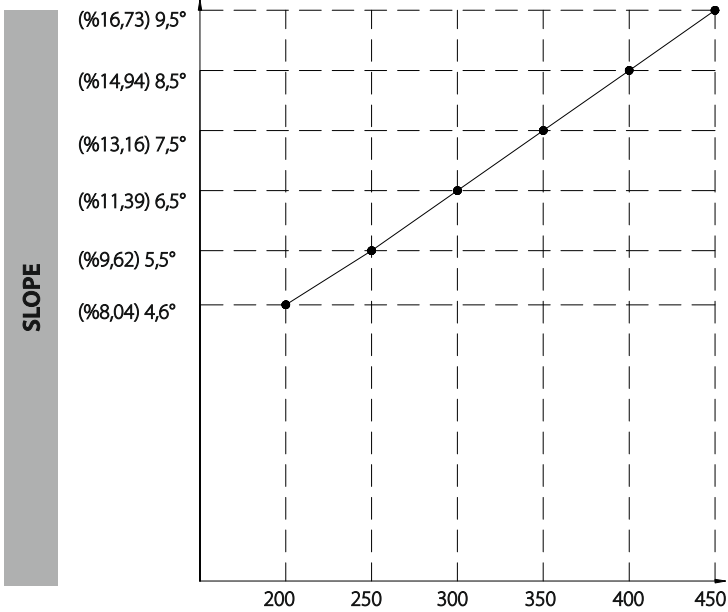
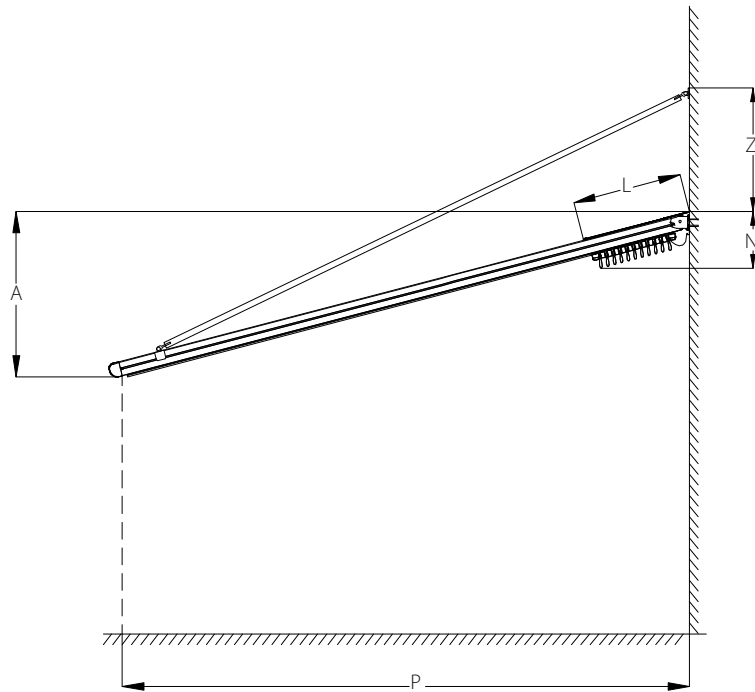


7- Aerof il Louvre Profile



8- Gutter Profile

* Optional



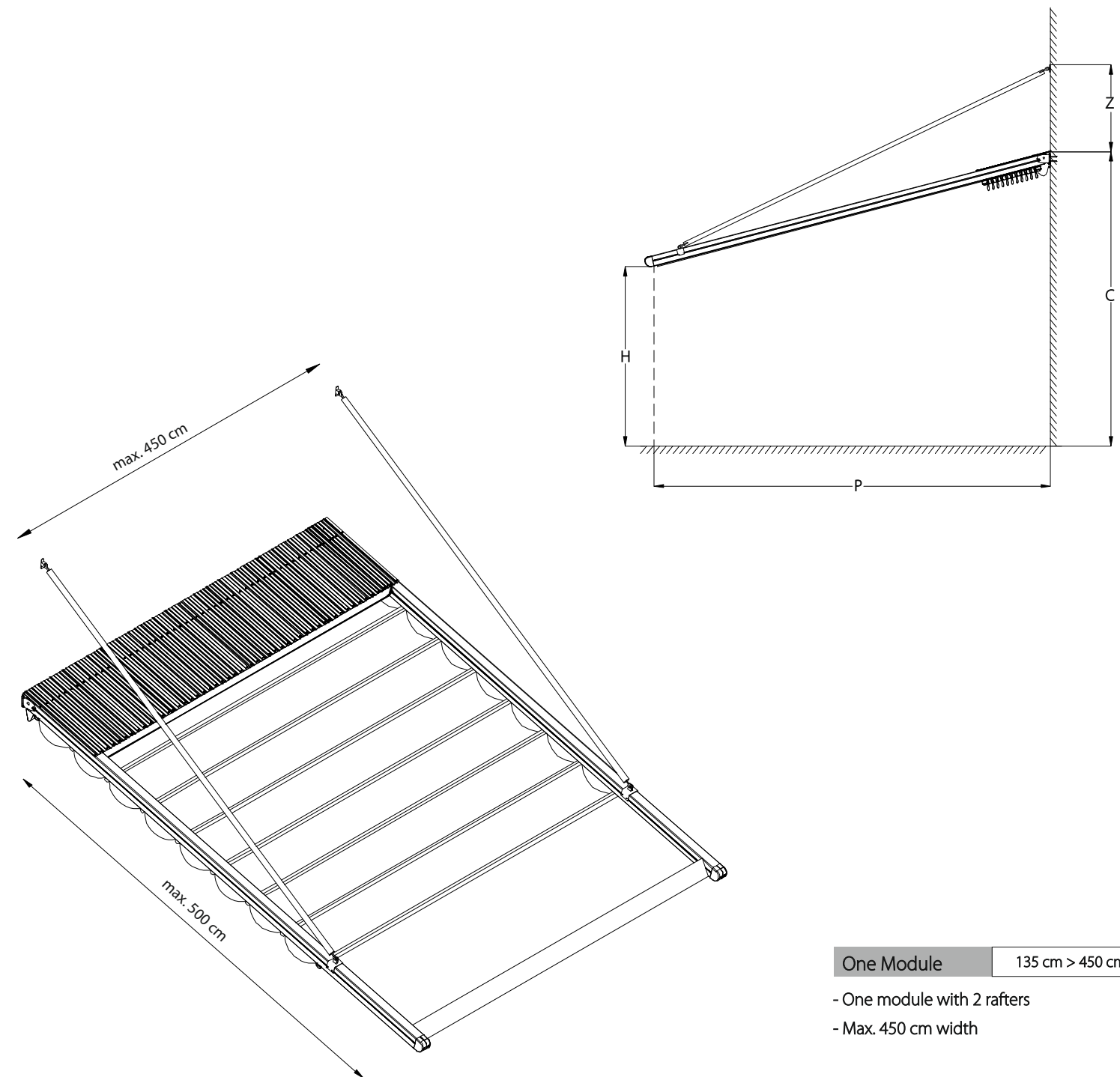
Minimum slopes for flat, flat variance, flat harmony, flat city versions.

Projection (P) cm	Fabric Height				
	(N) mm	(L) mm	** (A) mm	Fab. Sub. Profiles	Hang Distance
300	436	7000	513	5	634
350	445	7680	575	6	775
400	453	8350	697	7	915
450	462	9040	699	8	1056
500	477	10400	761	10	1197

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

** +160 mm distance with optional front gutter system

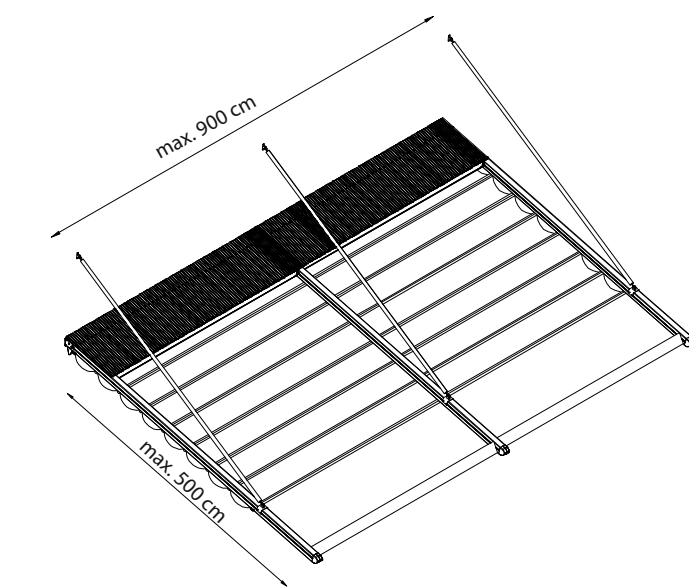
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One Module 135 cm > 450 cm

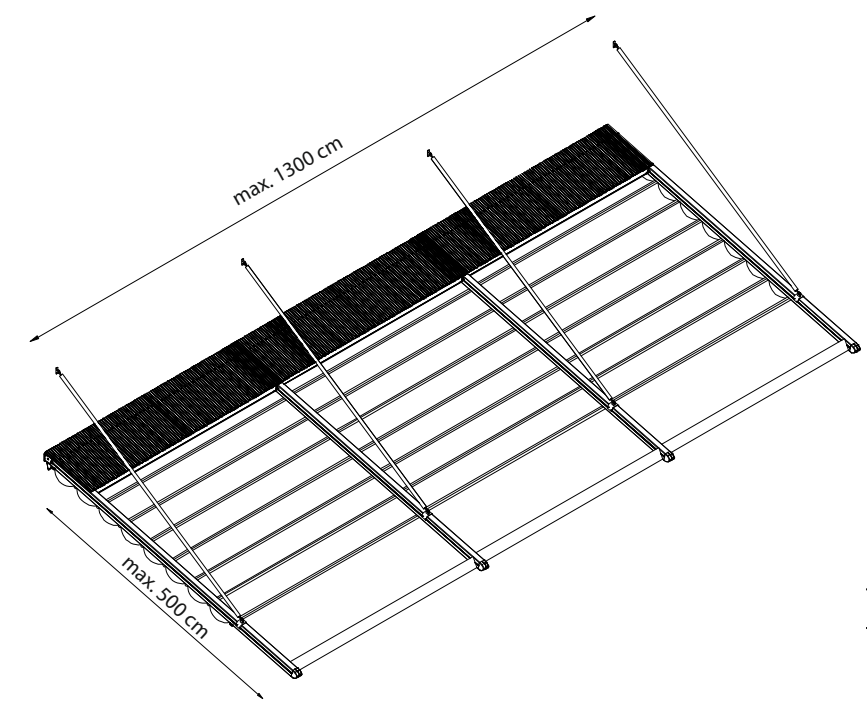
- One module with 2 rafters
- Max. 450 cm width

®



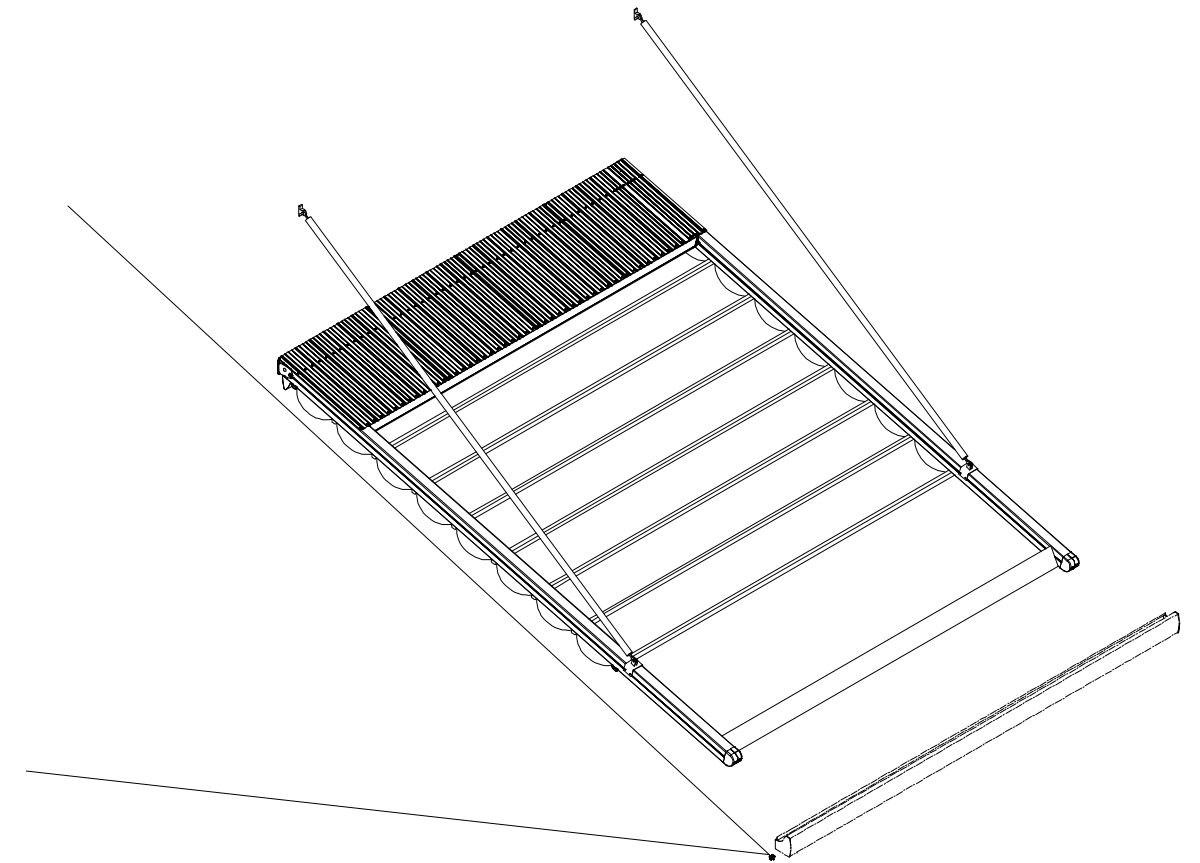
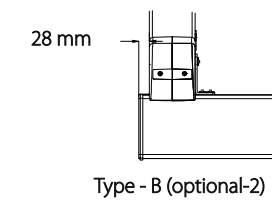
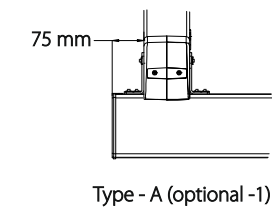
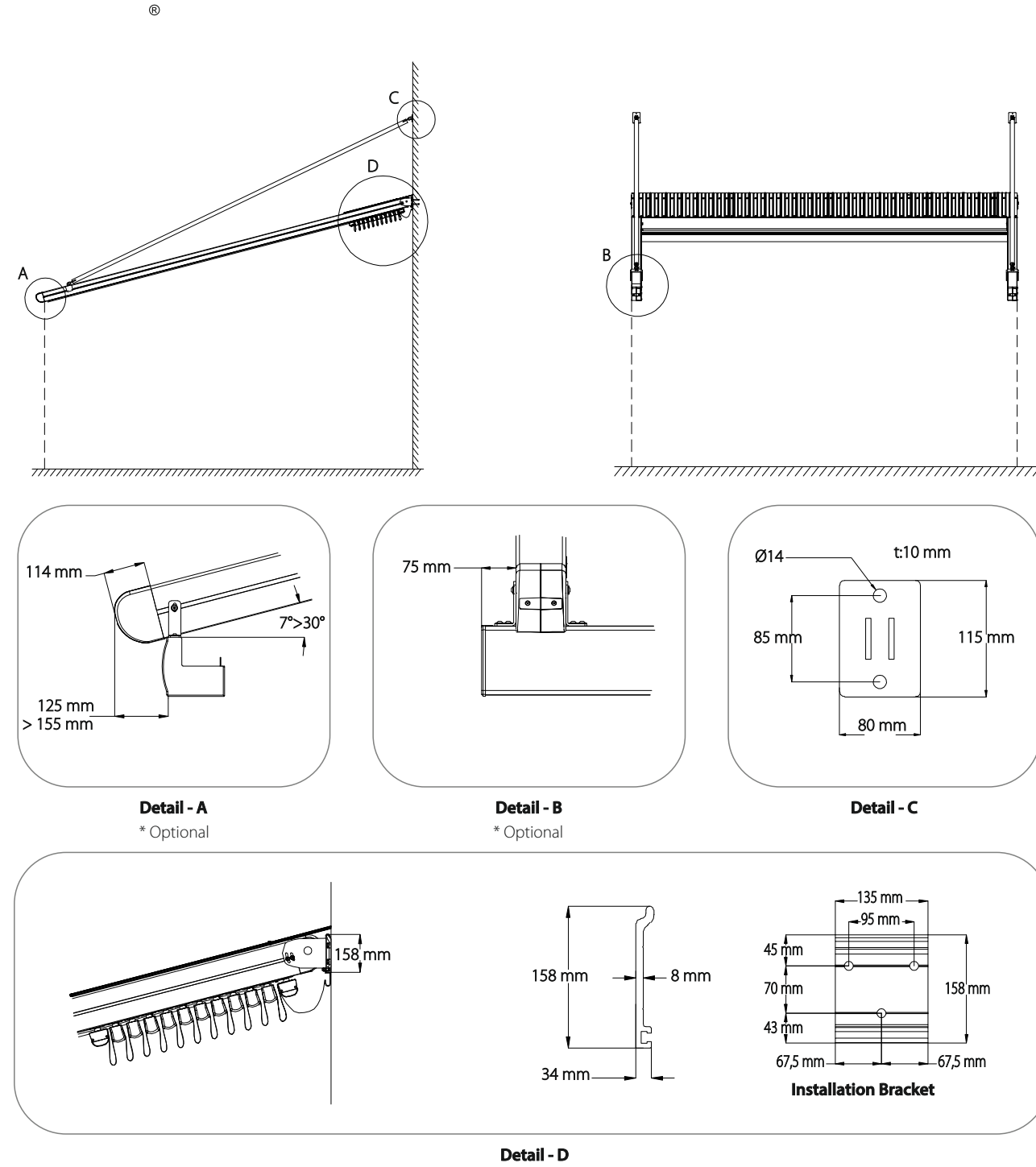
Two Modules 450 cm > 900 cm

- Two modules with 3 rafters
- Max. 900 cm width

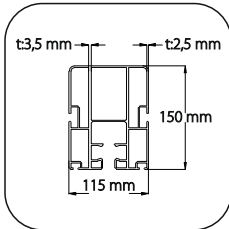
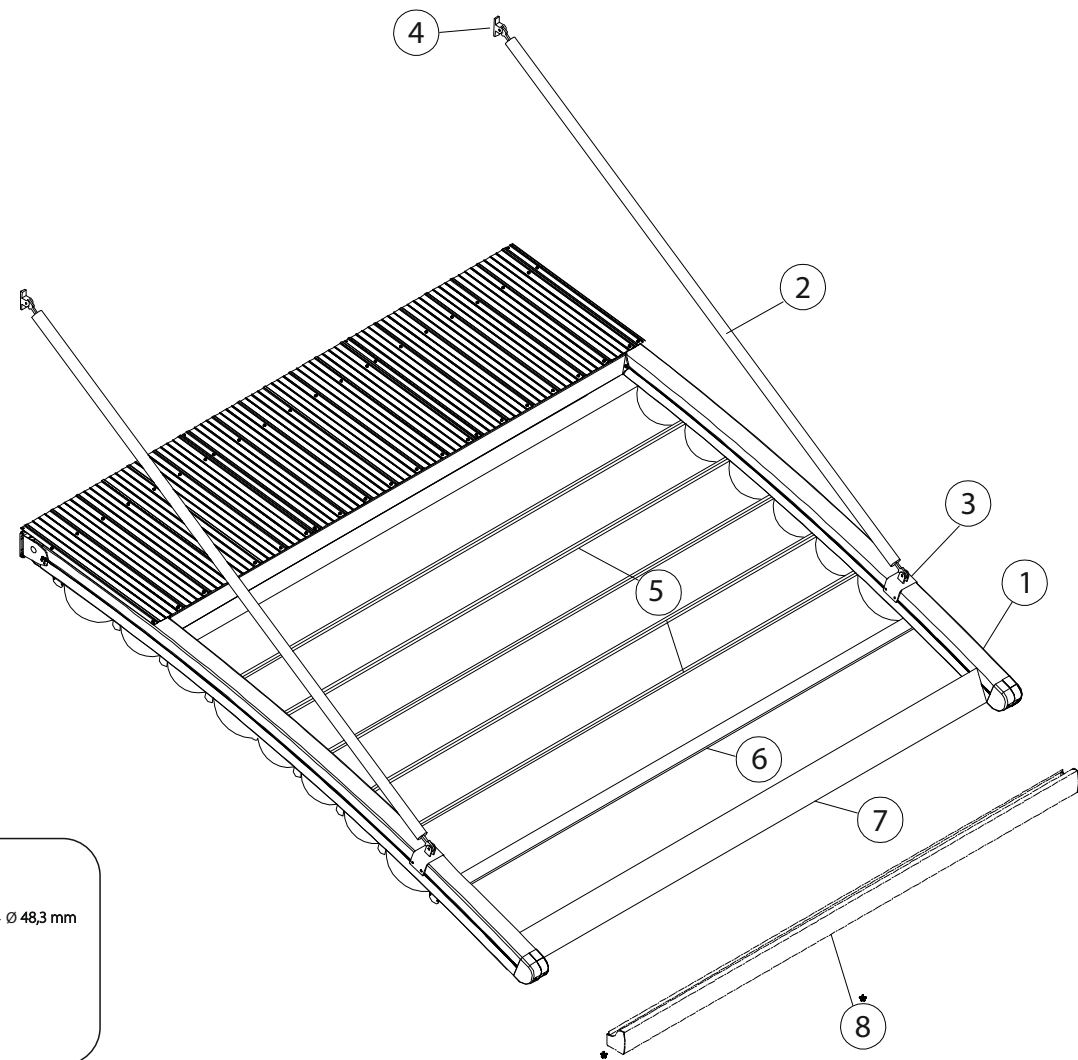


Three Modules 900 cm > 1300 cm

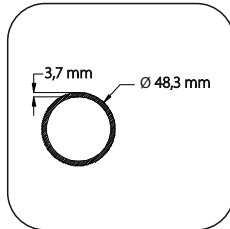
- Three modules with 4 rafters
- Max. 1300 cm width



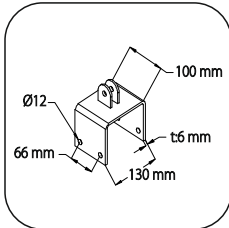
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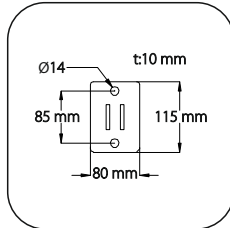
1- Rafter Profile



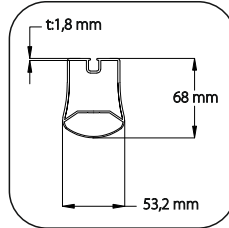
2- Hang Tube Profile



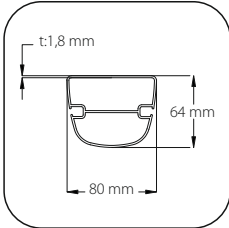
3- Hang Profile



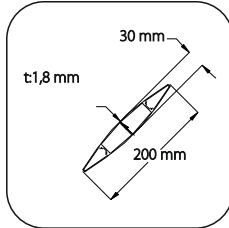
4- Hang Wall Bracket Profile



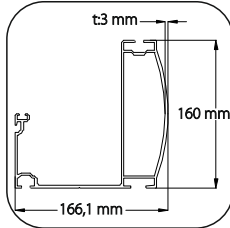
5- Fabric Support Profile



6- Puller Profile



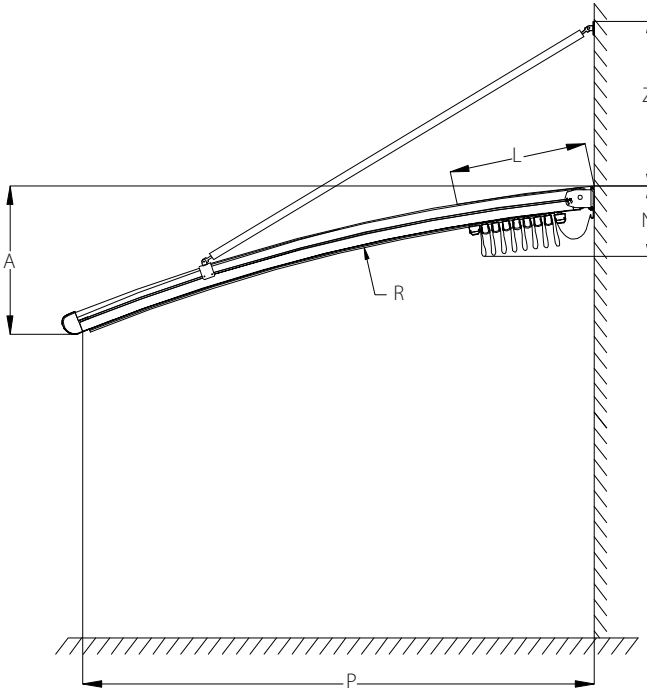
7- Aerof il Louvre Profile



8- Gutter Profile

* Optional

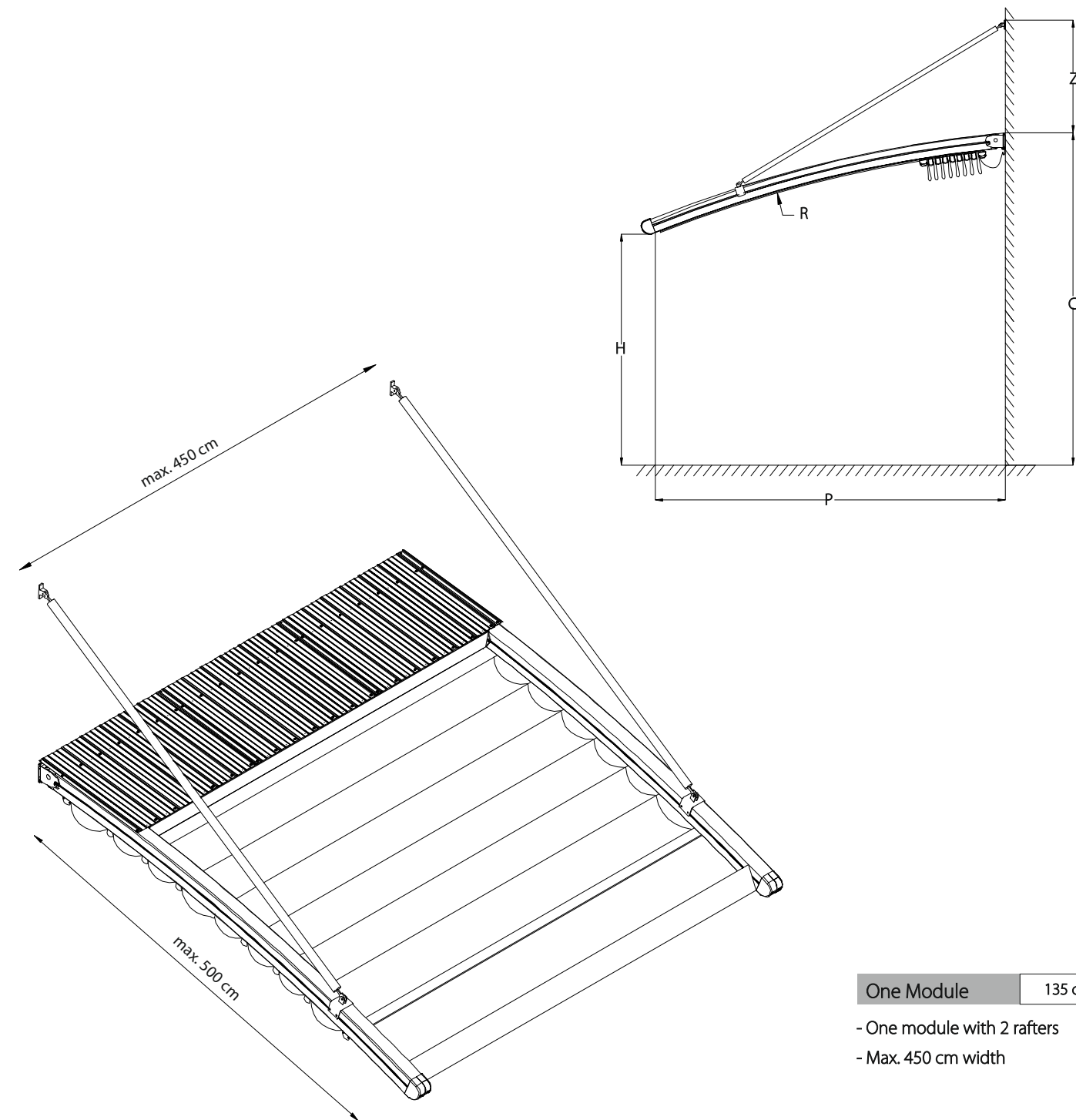
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Projection (P) cm	Fabric Height	Hood	Fall	Fab. Sub. Profiles	Recomend. Radius	Hang Distance
	(N) mm	(L) mm	** (A) mm	pc	(R) mm	(Z) mm
300	409	778	792	6	8000	634
350	414	843	933	7	9000	775
400	419	914	1077	8	10000	915
450	421	980	1140	9	12000	1056
500	426	1047	1282	10	13000	1197

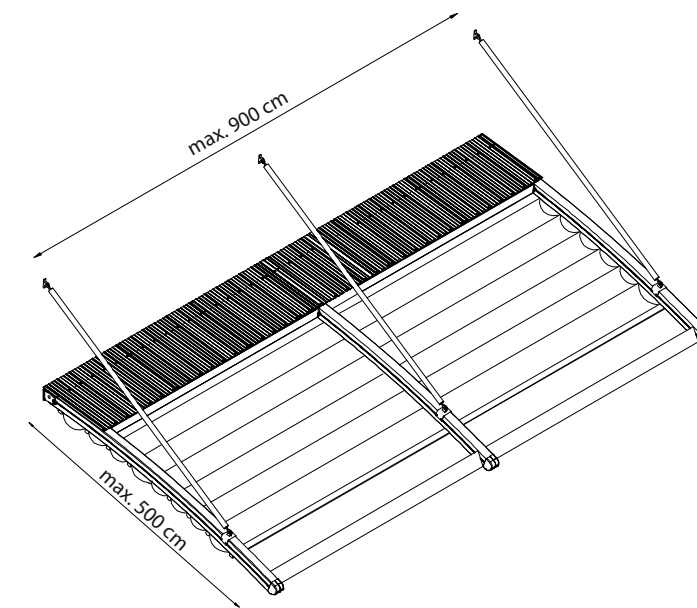
*With min. Inclination of 7° .Values can vary by different radius values.

** +160 mm distance with optional front gutter system.



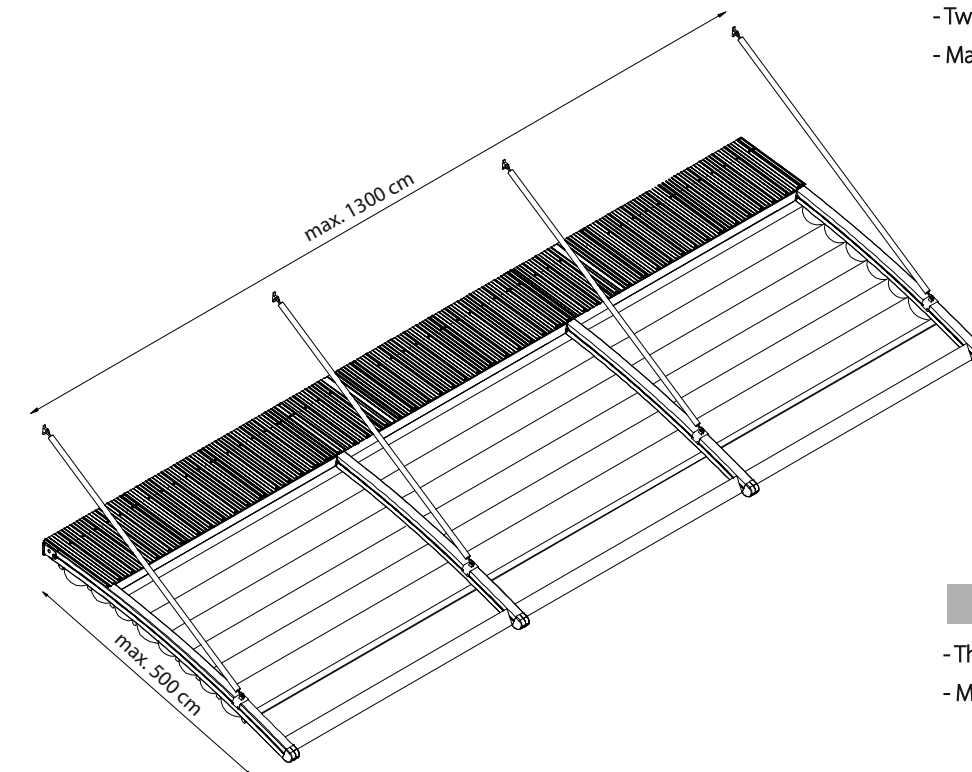
One Module 135 cm > 450 cm

- One module with 2 rafters
- Max. 450 cm width



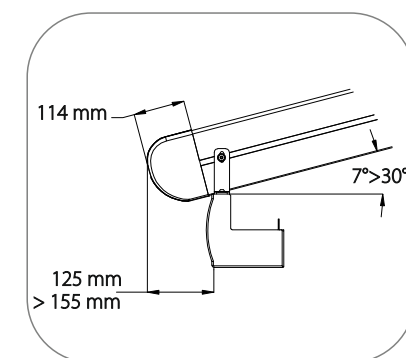
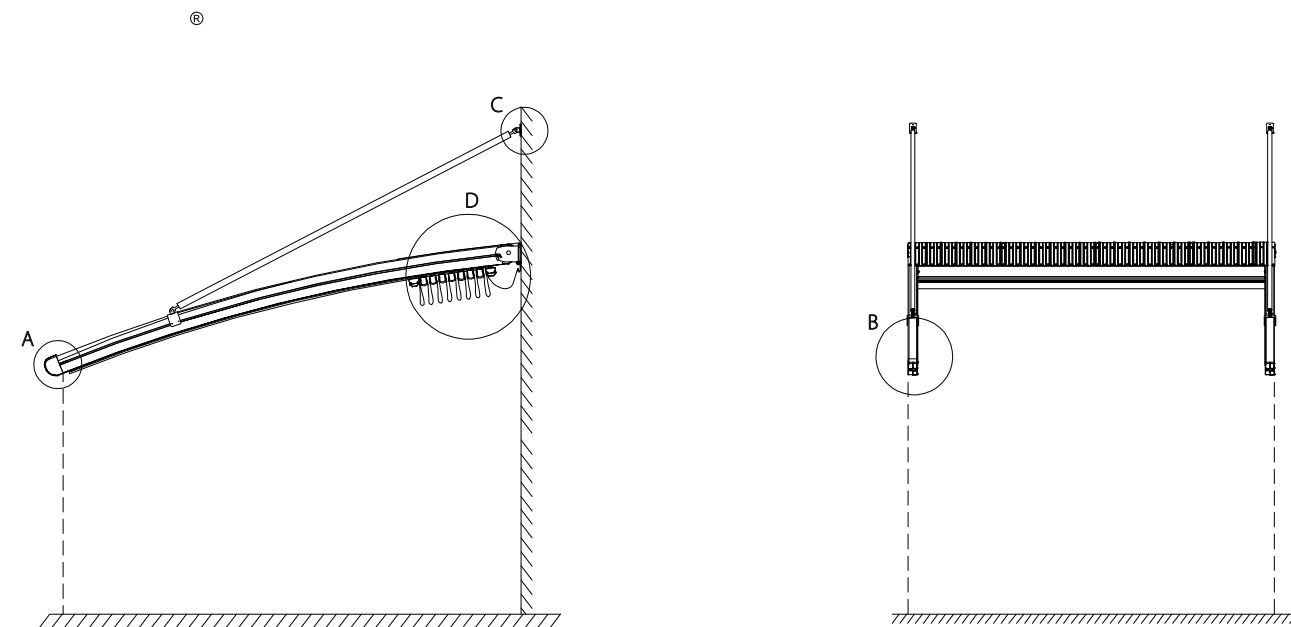
Two Modules 450 cm > 900 cm

- Two modules with 3 rafters
- Max. 900 cm width

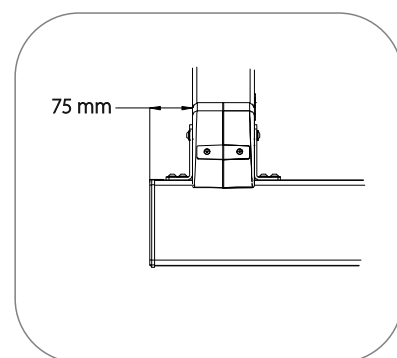


Three Modules 900 cm > 1300 cm

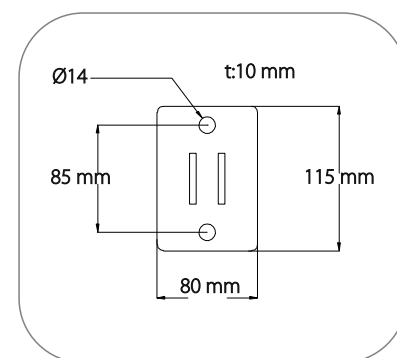
- Three modules with 4 rafters
- Max. 1300 cm width



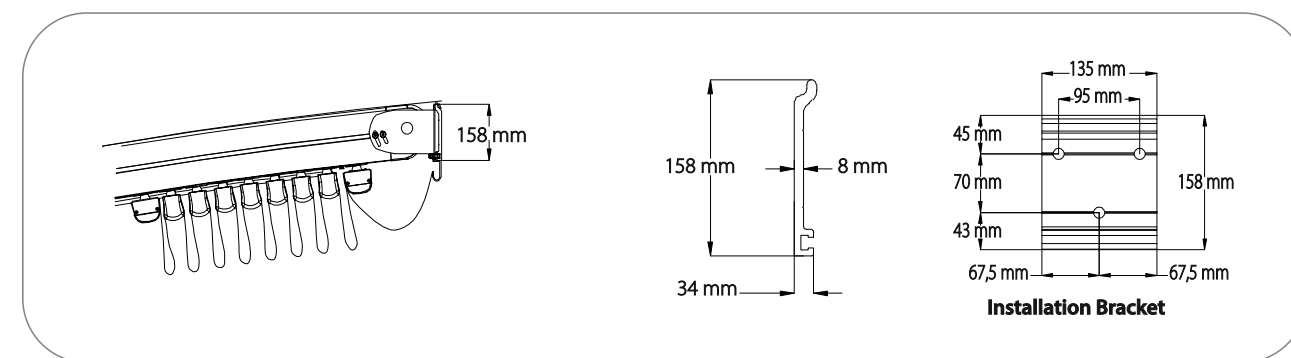
Detail - A
* Optional



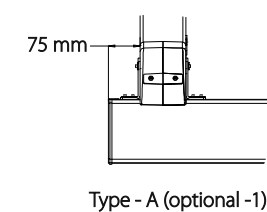
Detail - B
* Optional



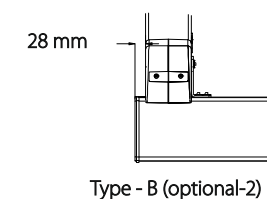
Detail - C



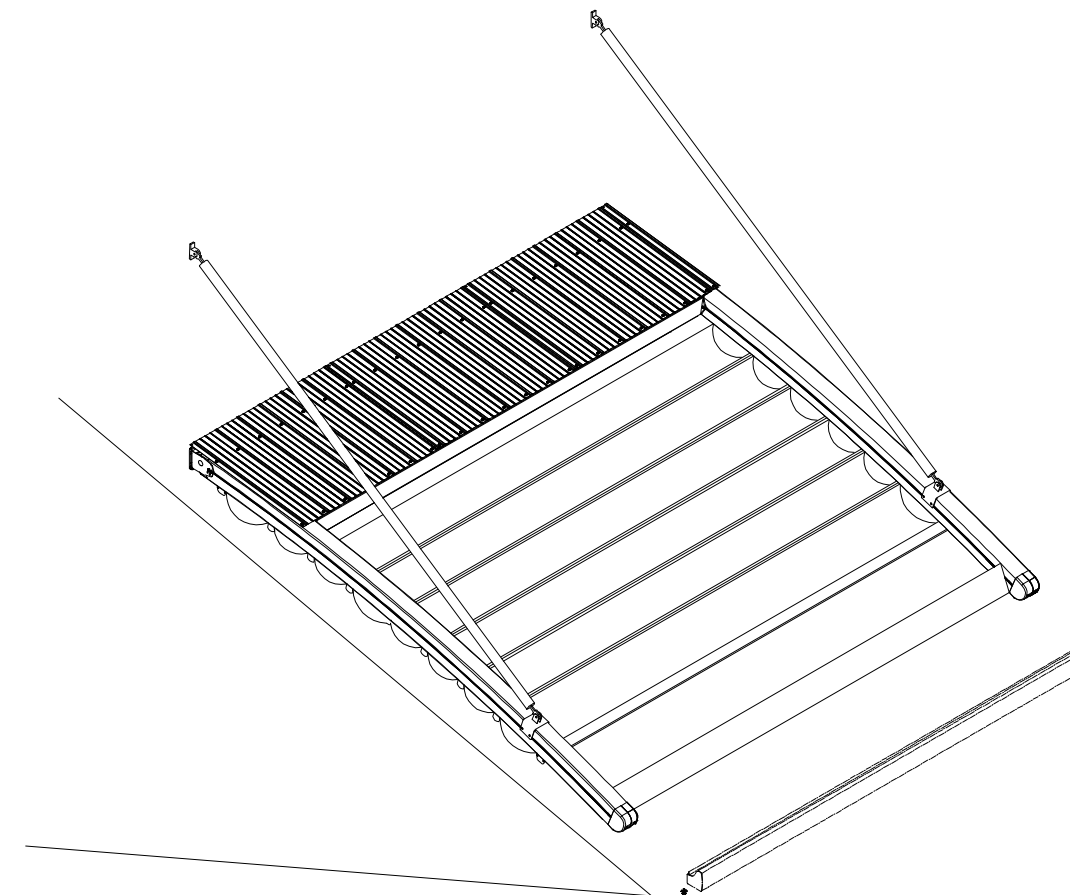
Detail - D



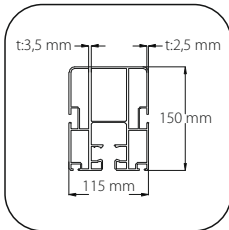
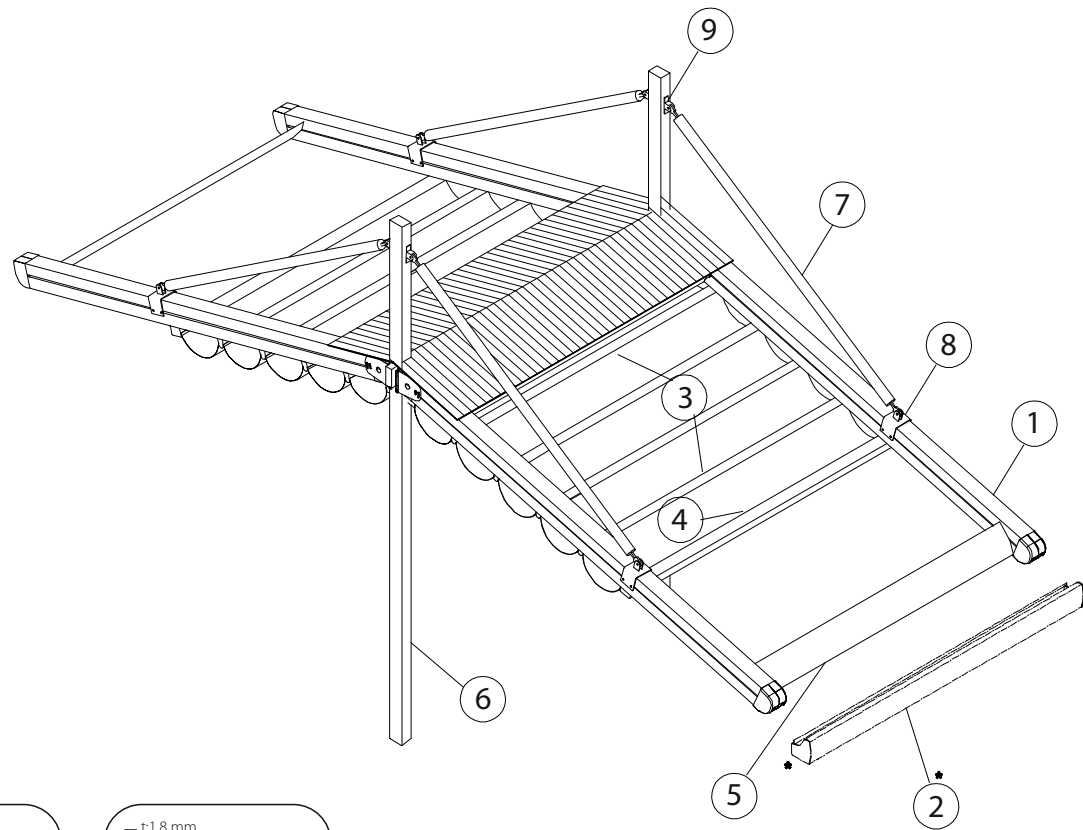
Type - A (optional-1)



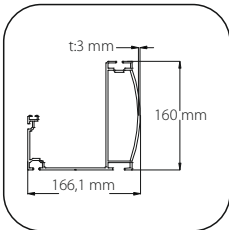
Type - B (optional-2)



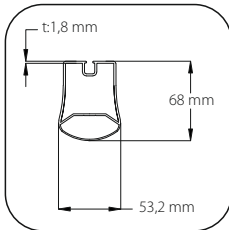
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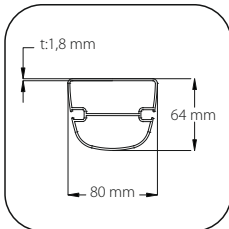
1- Rafter Profile



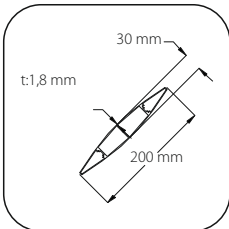
2- Gutter Profile
* Optional



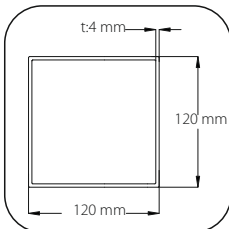
3- Fabric Support Profile



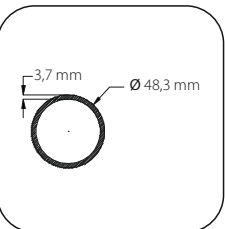
4- Puller Profile



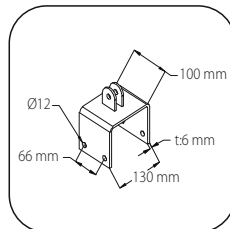
5- Aerofil Louvre Profile



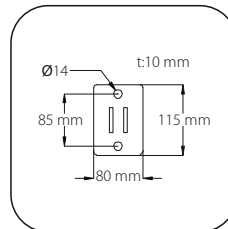
6- Hollow Section Steel Profile



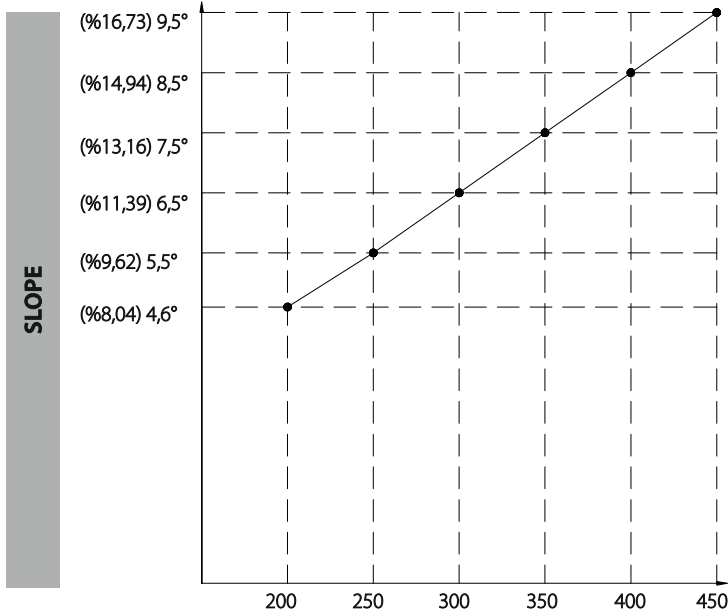
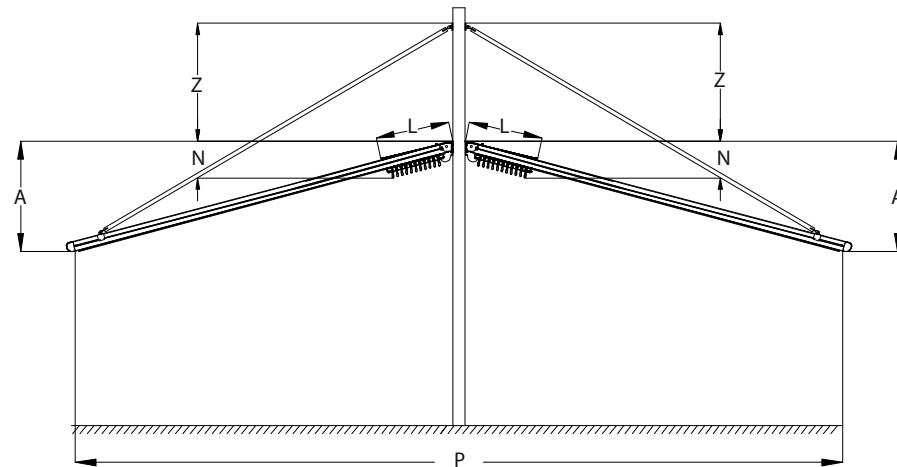
7- Hang Tube Profile



8- Hang



9- Hang Wall Bracket



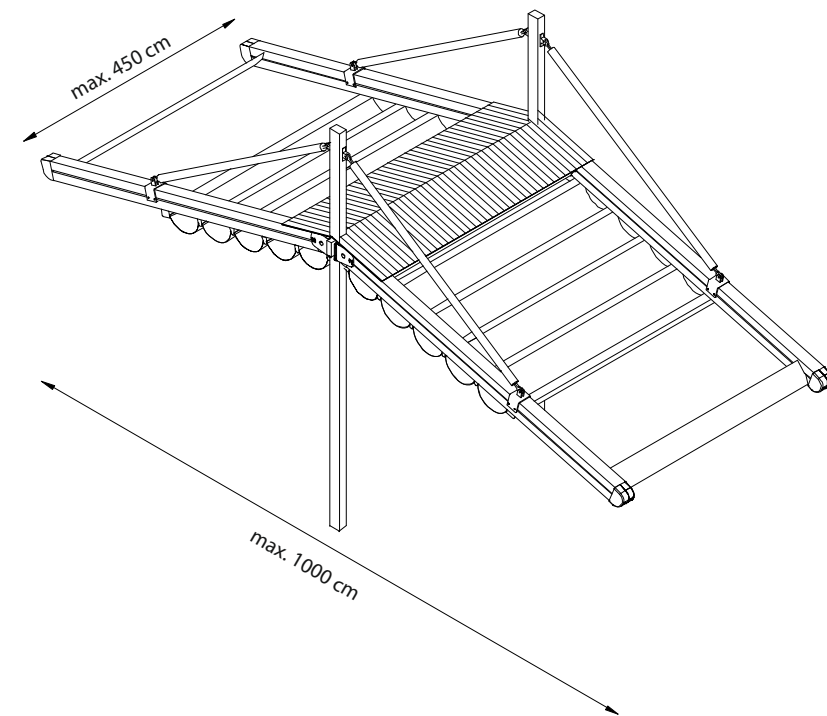
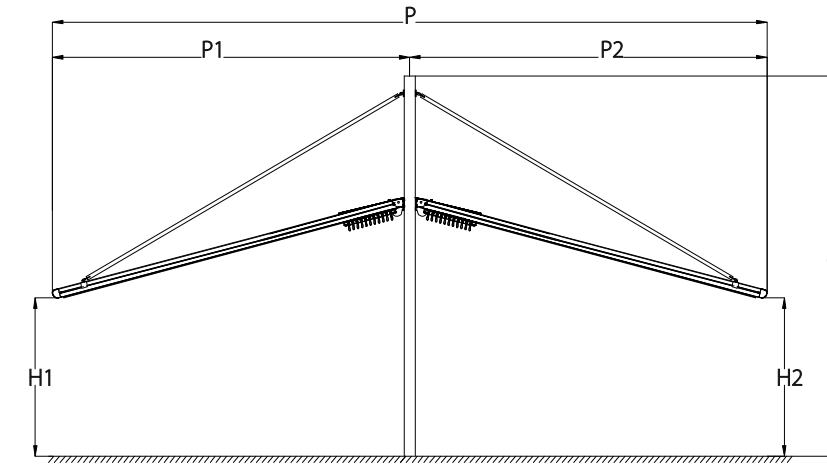
Minimum slopes for flat, flat variance, flat harmony, flat city versions.

Projection (P) cm		Fabric Height	Hood	Fall	Fab. Sub. Profiles	Hang Distance
		(N) mm	(L) mm	**(A) mm	pc	(Z) mm
600		436	7000	513	10	634
700		445	7680	575	12	775
800		453	8350	697	14	915
900		462	9040	699	16	1056
1000		477	10400	761	20	1197

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

** +160 mm distance with optional front gutter system

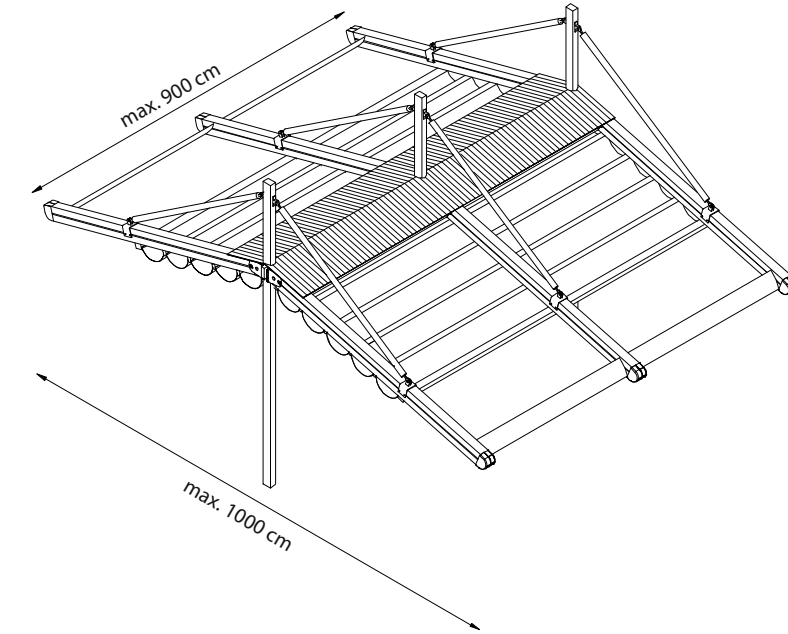
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One Module 135 cm > 450 cm

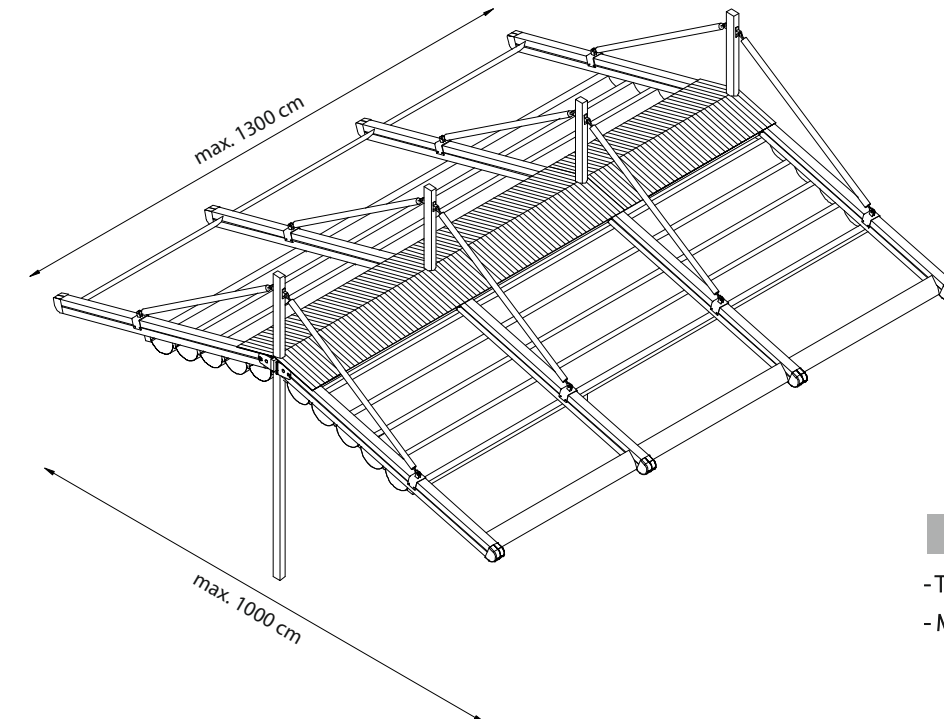
- One module with 2 rafters
- Max. 450 cm width

®



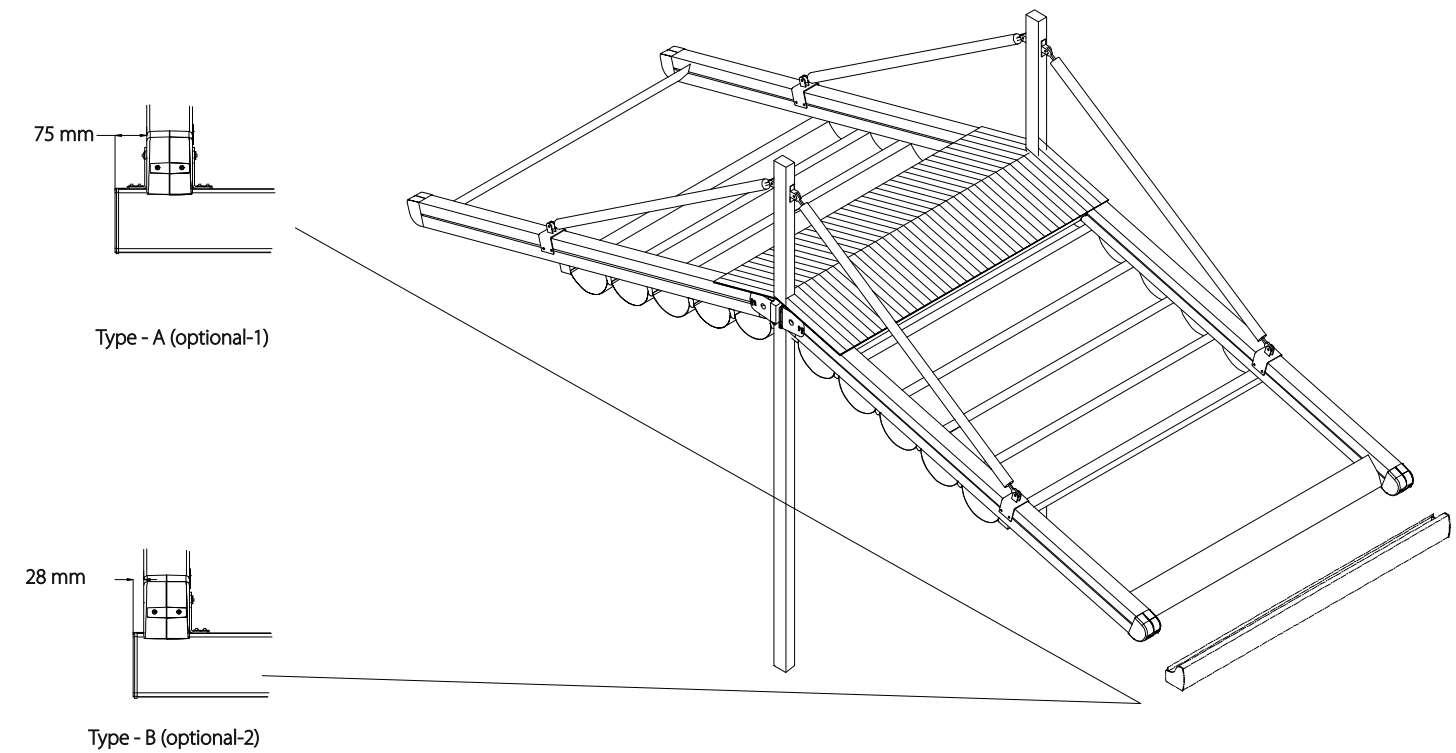
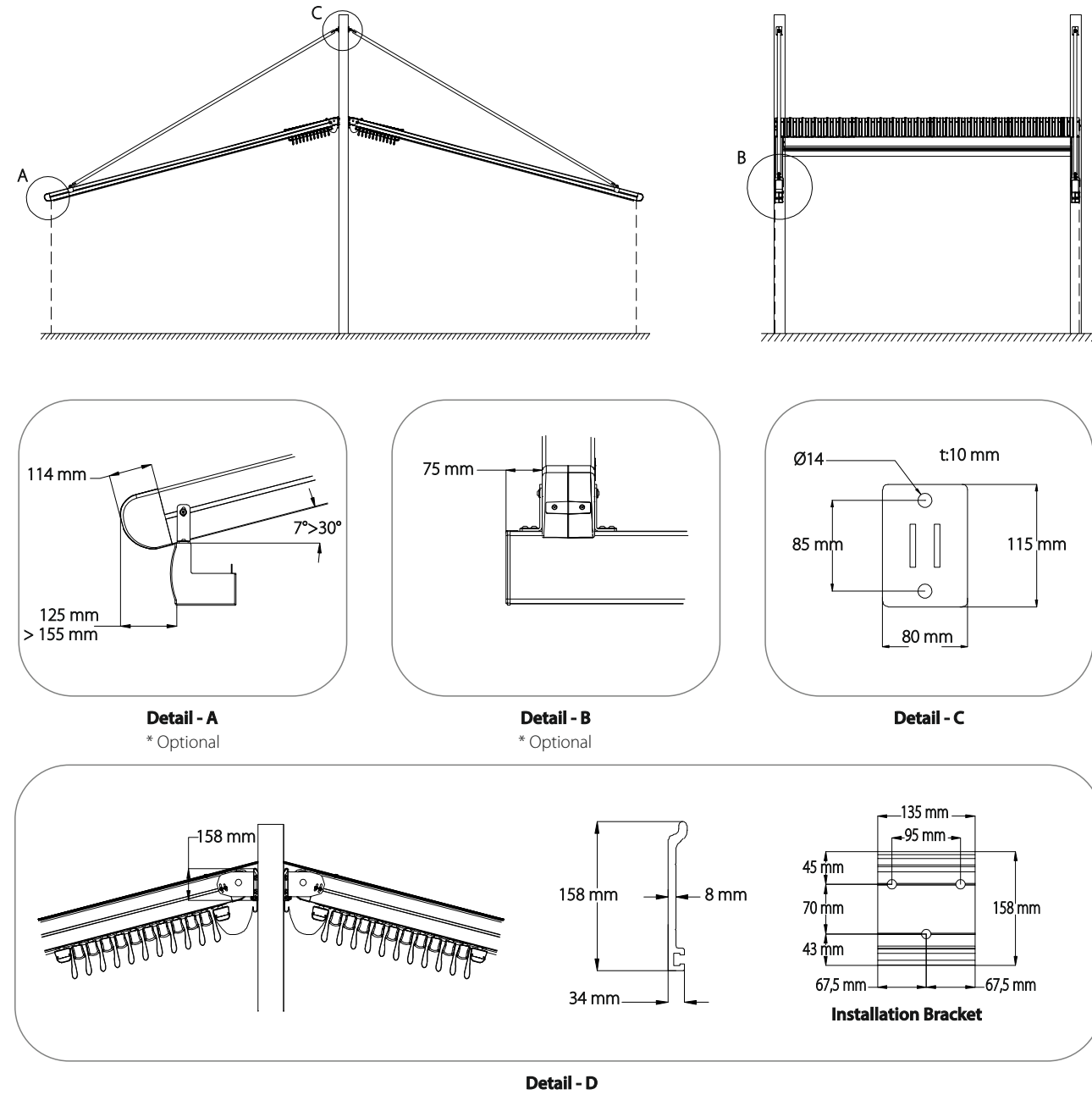
Two Modules 450 cm > 900 cm

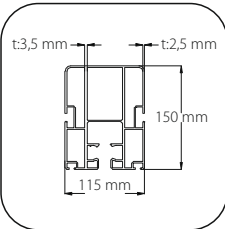
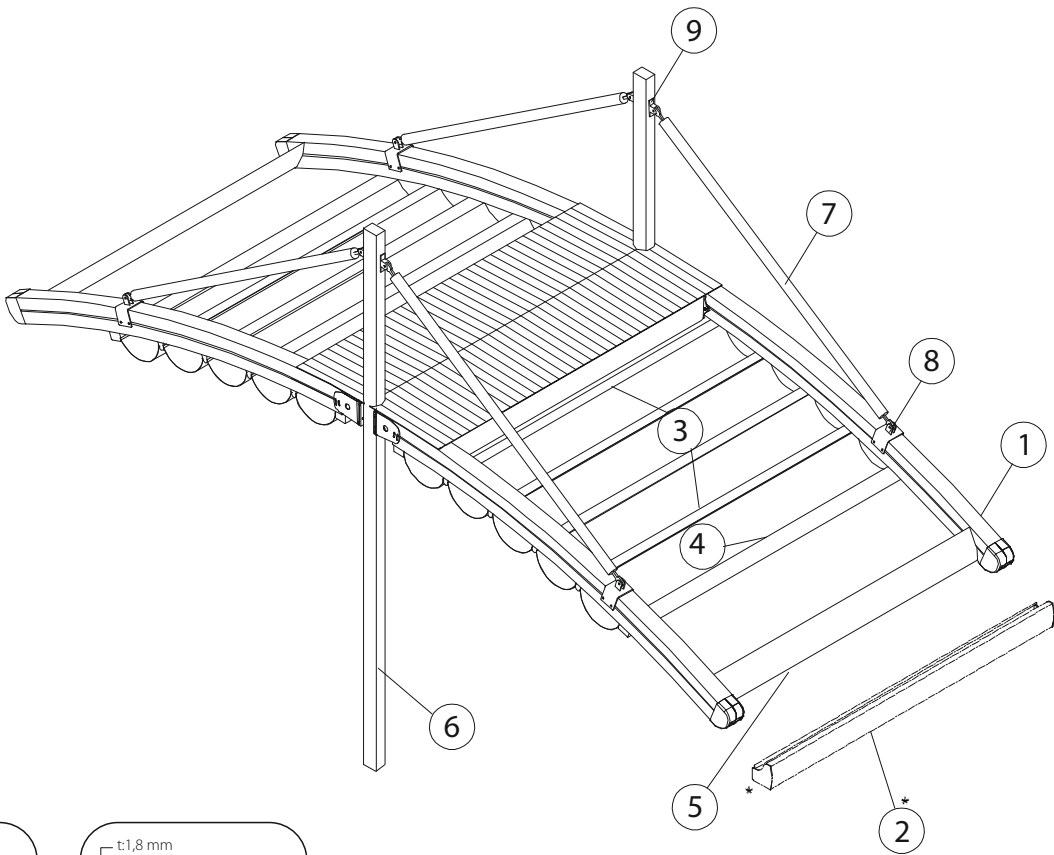
- Two modules with 6 rafters
- Max. 900 cm width



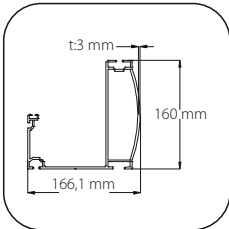
Three Modules 900 cm > 1300 cm

- Three modules with 8 rafters
- Max. 1300 cm width

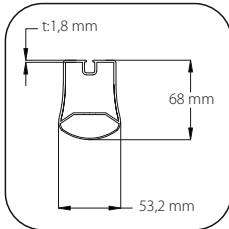




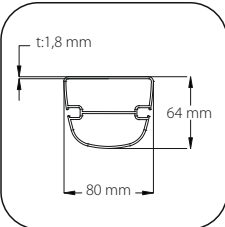
1- Rafter Profile



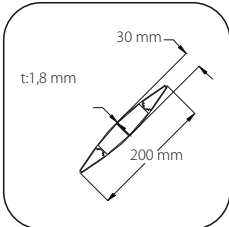
2- Gutter Profile
* Optional



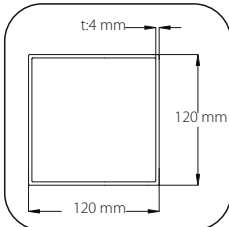
3- Fabric Support Profile



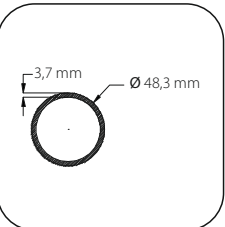
4- Puller Profile



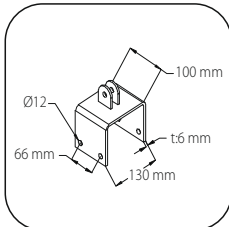
5- Aerofil Louvre Profile



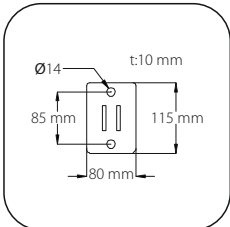
6- Hollow Section Steel Profile



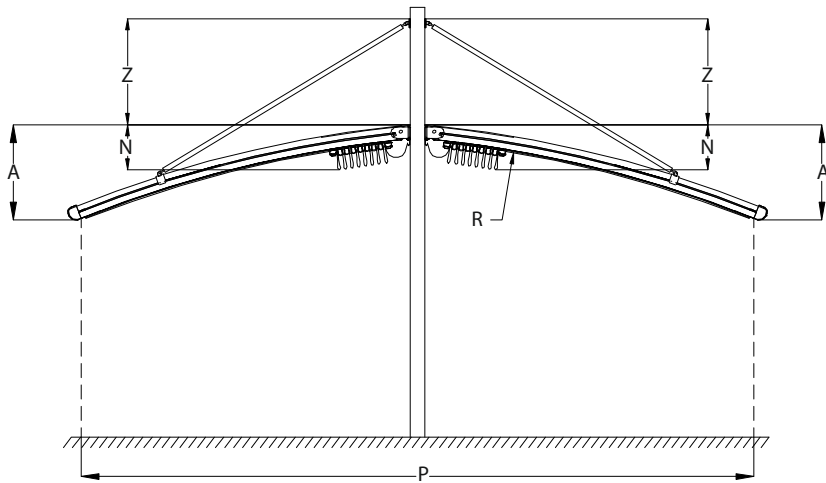
7- Hang Tube Profile



8- Hang



9- Hang Wall Bracket

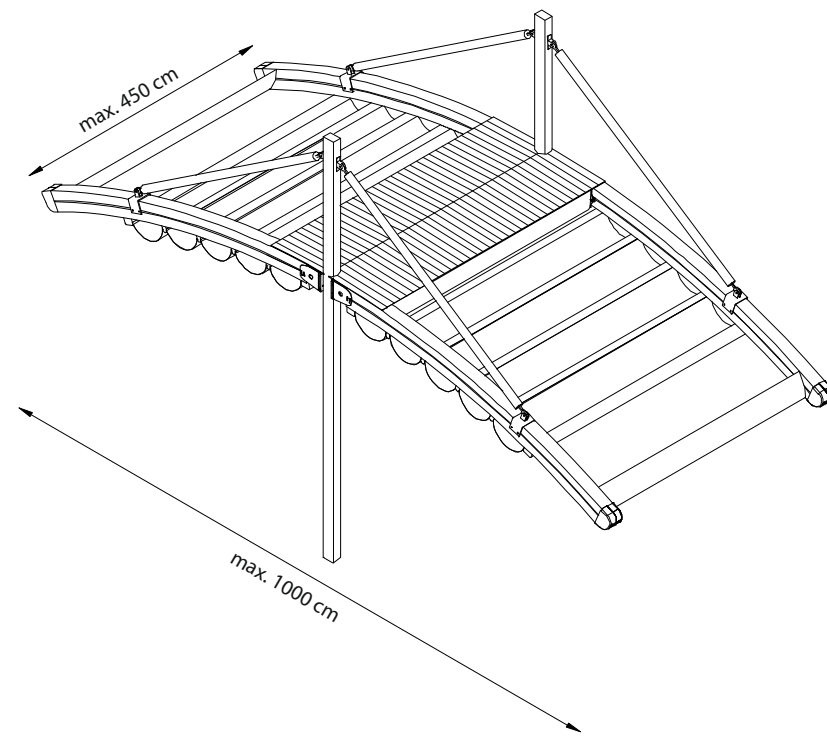
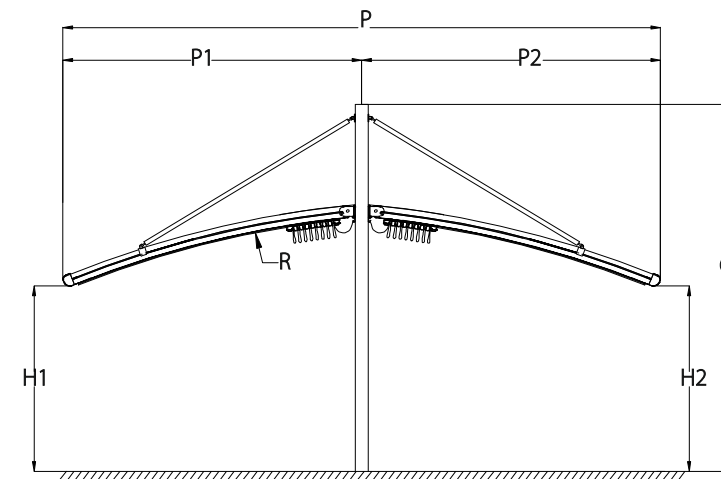


Projection (P) cm	Spline variance - series 150 / Technical Details					
	Fabric Height	Hood	Fall	Fab. Sub. Profiles	Recomend. Radius	Hang Distance
	(N) mm	(L) mm	**(A) mm	pc	(R) mm	(Z) mm
600	409	778	792	6	8000	634
700	414	843	933	7	9000	775
800	419	914	1077	8	10000	915
900	421	980	1140	9	12000	1056
1000	426	1047	1282	10	13000	1197

*With min. Inclination of 7° .Values can vary by different radius values.

** +160 mm distance with optional front gutter system.

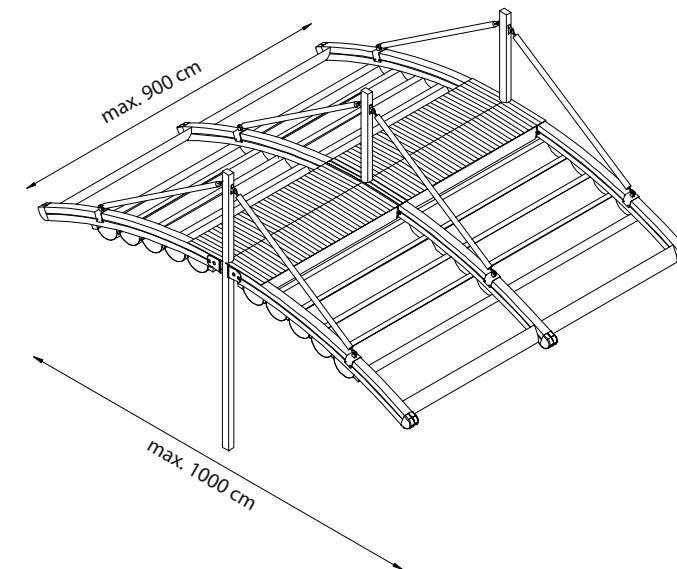
®



One Module 135 cm > 450 cm

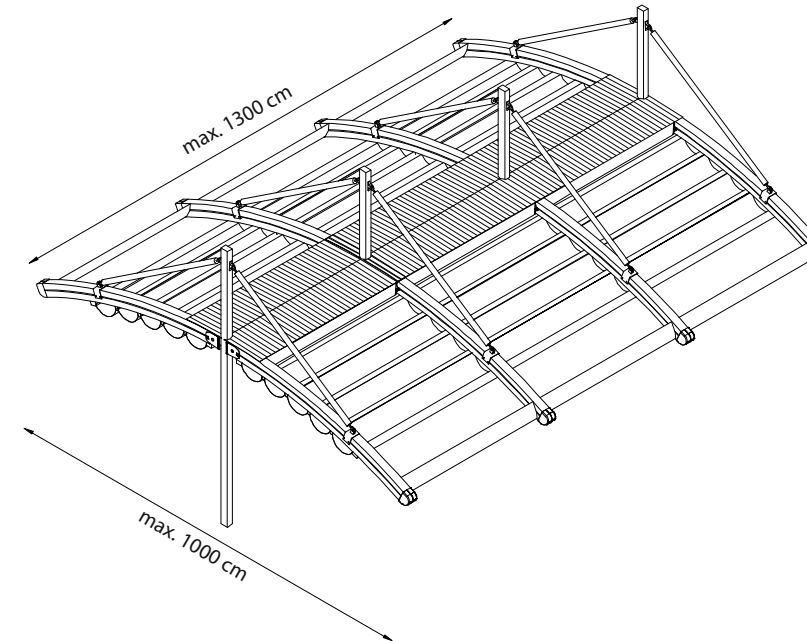
- One module with 4 rafters
- Max. 450 cm width

®



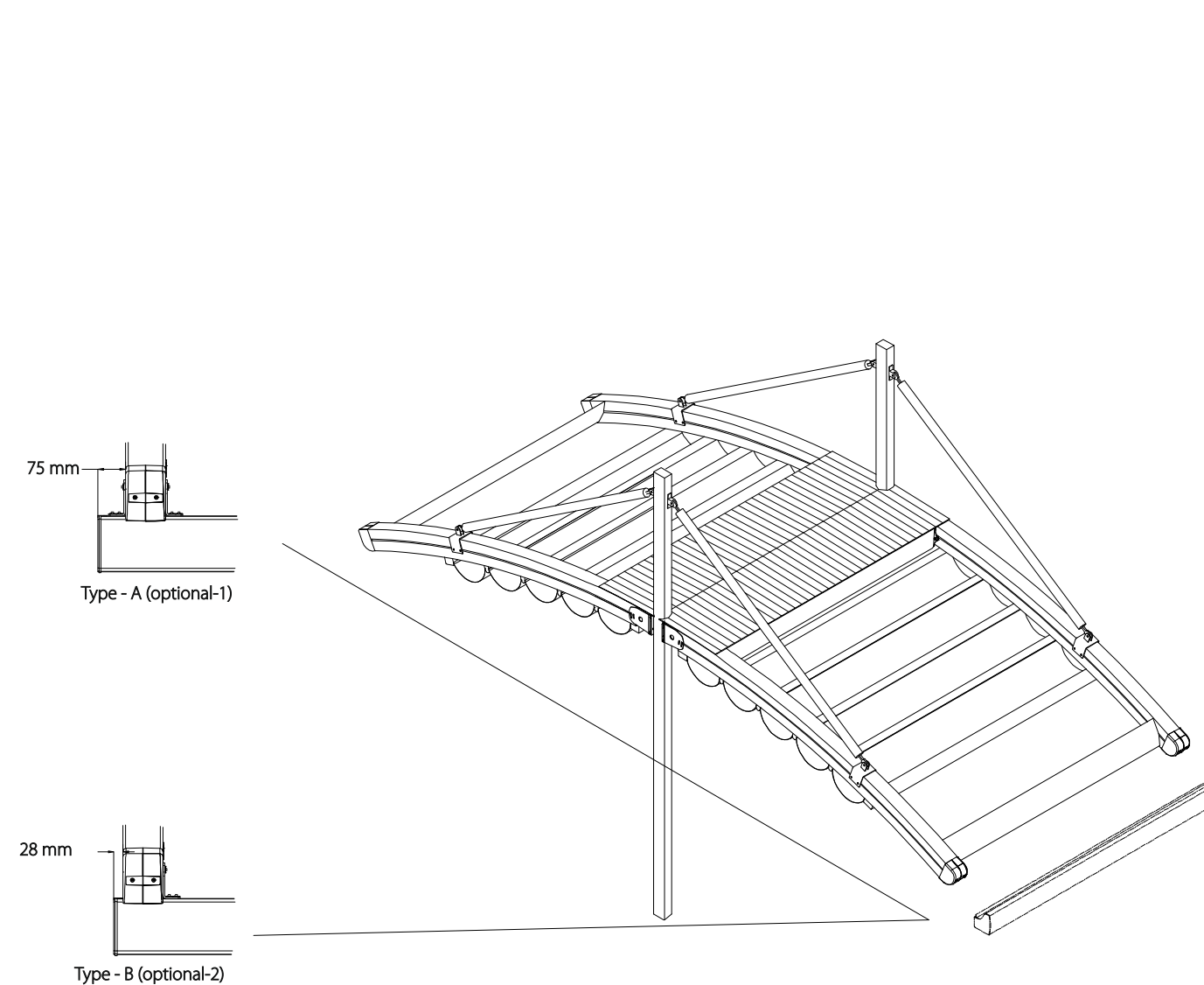
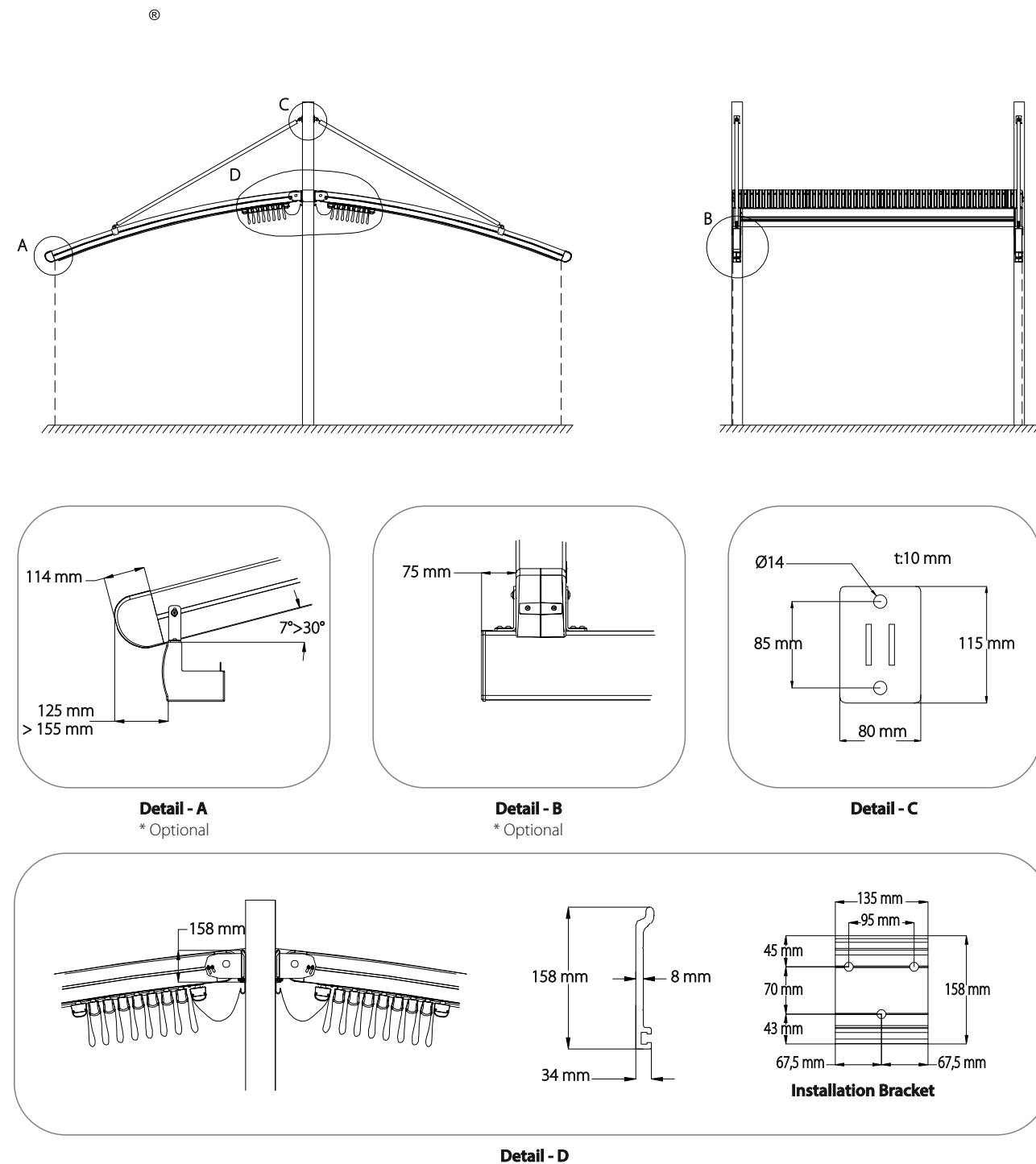
Two Modules 450 cm > 900 cm

- Two modules with 6 rafters
- Max. 900 cm width

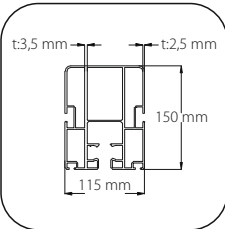
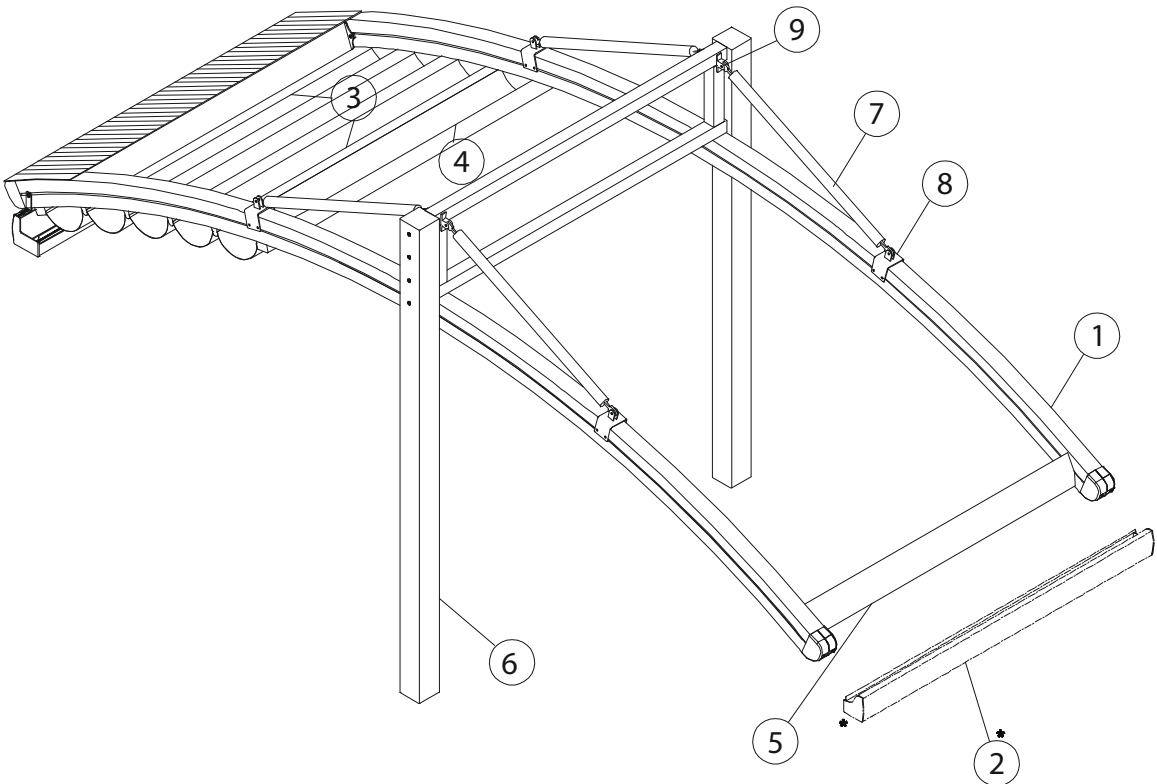


Three Modules 900 cm > 1300 cm

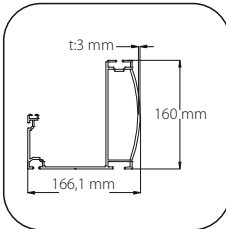
- Three modules with 8 rafters
- Max. 1300 cm width



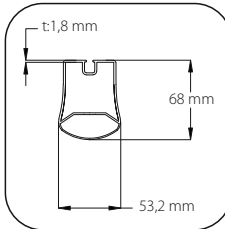
®



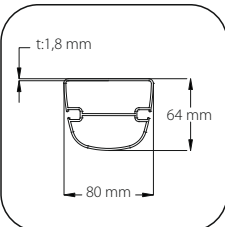
1- Rafter Profile



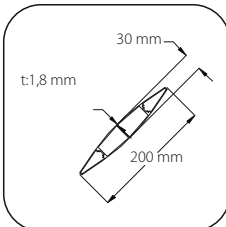
2- Gutter Profile
* Optional



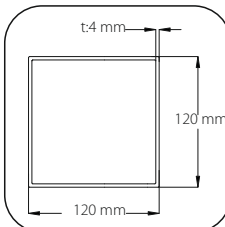
3- Fabric Support Profile



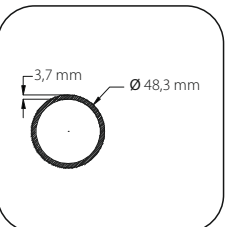
4- Puller Profile



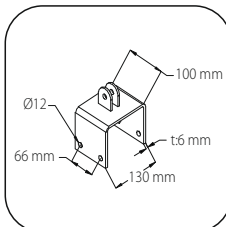
5- Aerofil Louvre Profile



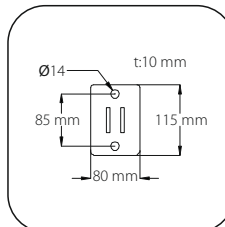
6- Hollow Section Steel Profile



7- Hang Tube Profile

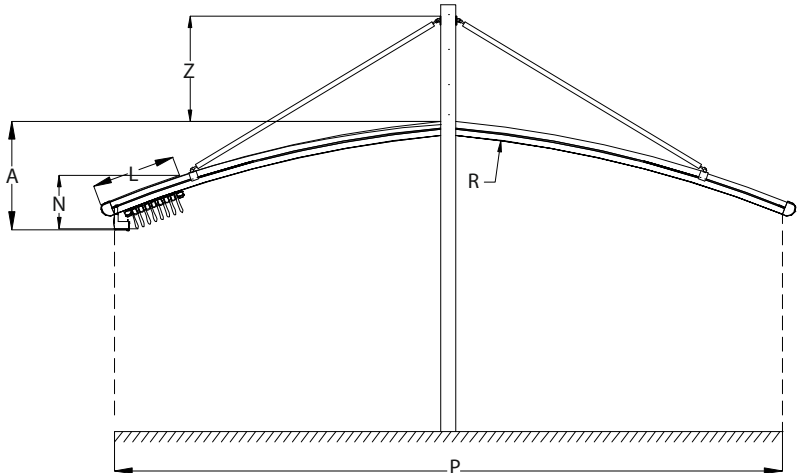


8- Hang



9- Hang Wall Bracket

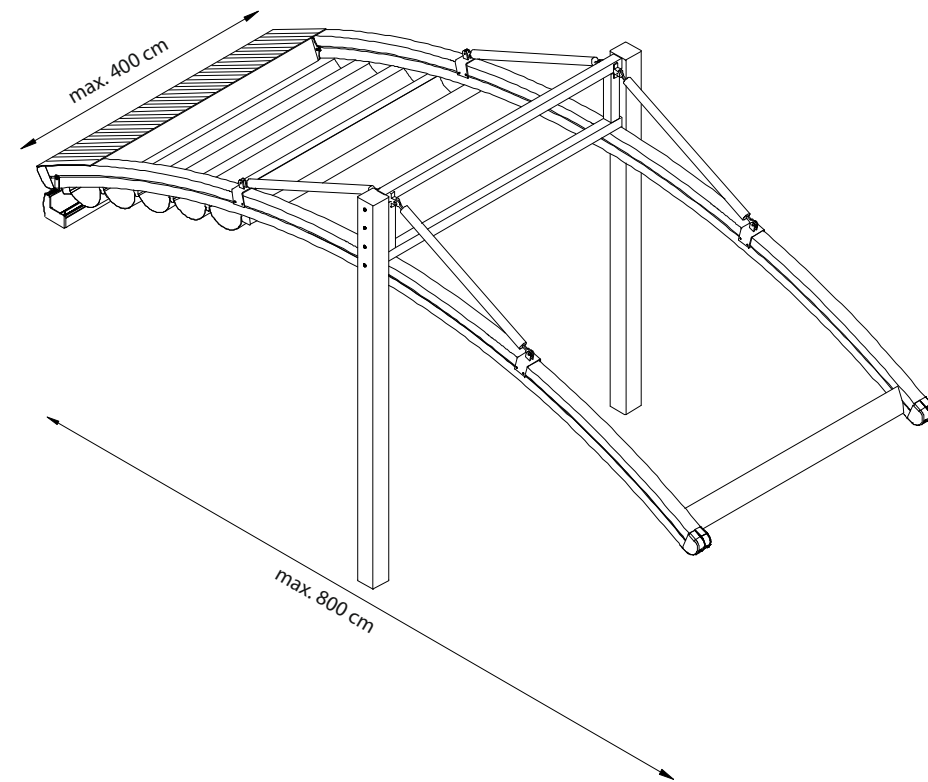
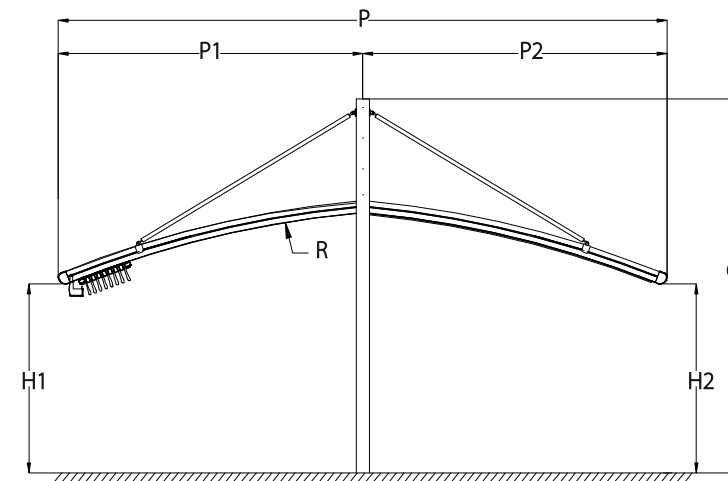
®



	Projection (P) cm	Fabric Height	Hood	Fall	Fab. Sub. Profiles	Recomend. Radius	Hang Distance
		(N) mm	(L) mm	**(A) mm	pc	(R) mm	(Z) mm
	300	515	857	602	7	4000	314
	350	531	842	664	7	4500	384
	400	610	984	779	9	4500	454
	450	659	1113	845	11	5000	524
	500	642	1119	856	11	6000	594
	550	663	1256	873	13	7000	664
	600	653	1252	894	13	8000	734
	650	679	1392	917	15	9000	805
	700	679	1392	943	15	10000	875
	750	718	1533	1002	17	10500	945
	800	732	1529	1063	17	11000	1015

** +160 mm distance with optional front gutter system

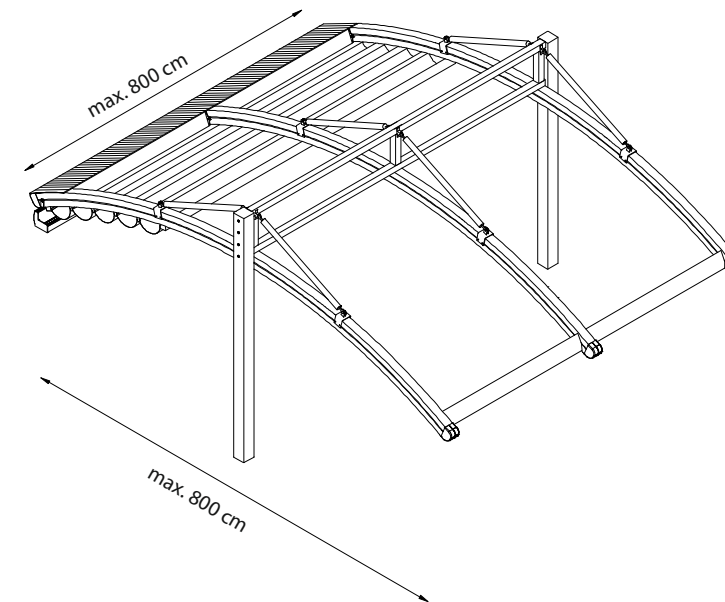
®



One Module 135 cm > 400 cm

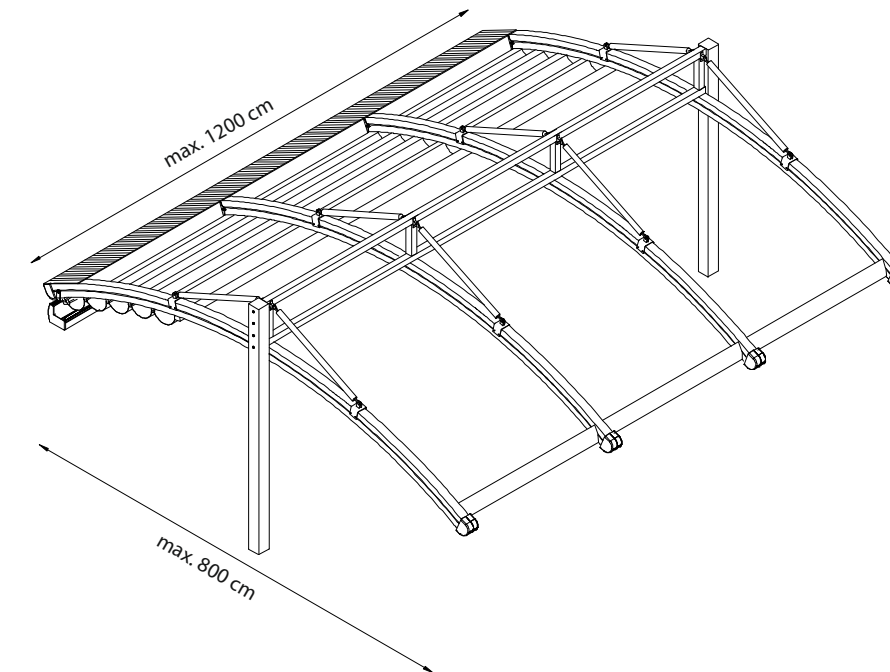
- One module with 2 rafters
- Max. 400 cm width

®



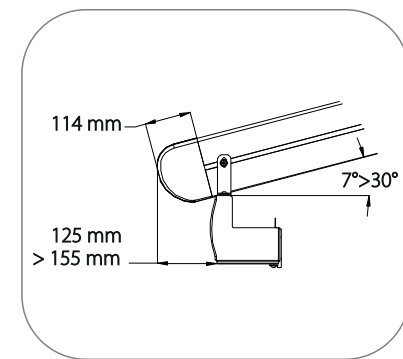
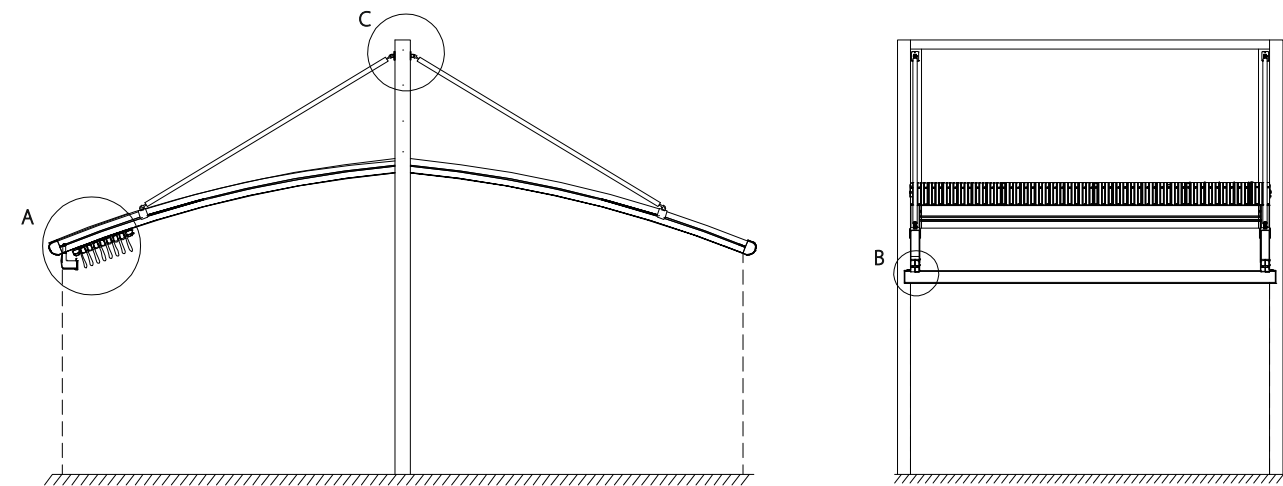
Two Modules 400 cm > 800 cm

- Two modules with 6 rafters
- Max. 800 cm width

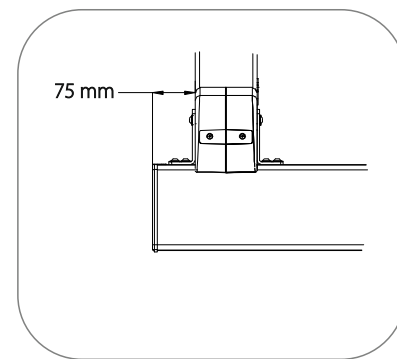


Three Modules 800 cm > 1200 cm

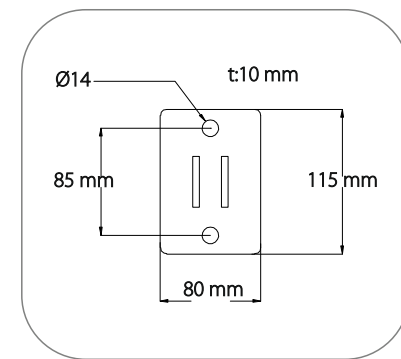
- Three modules with 8 rafters
- Max. 1200 cm width



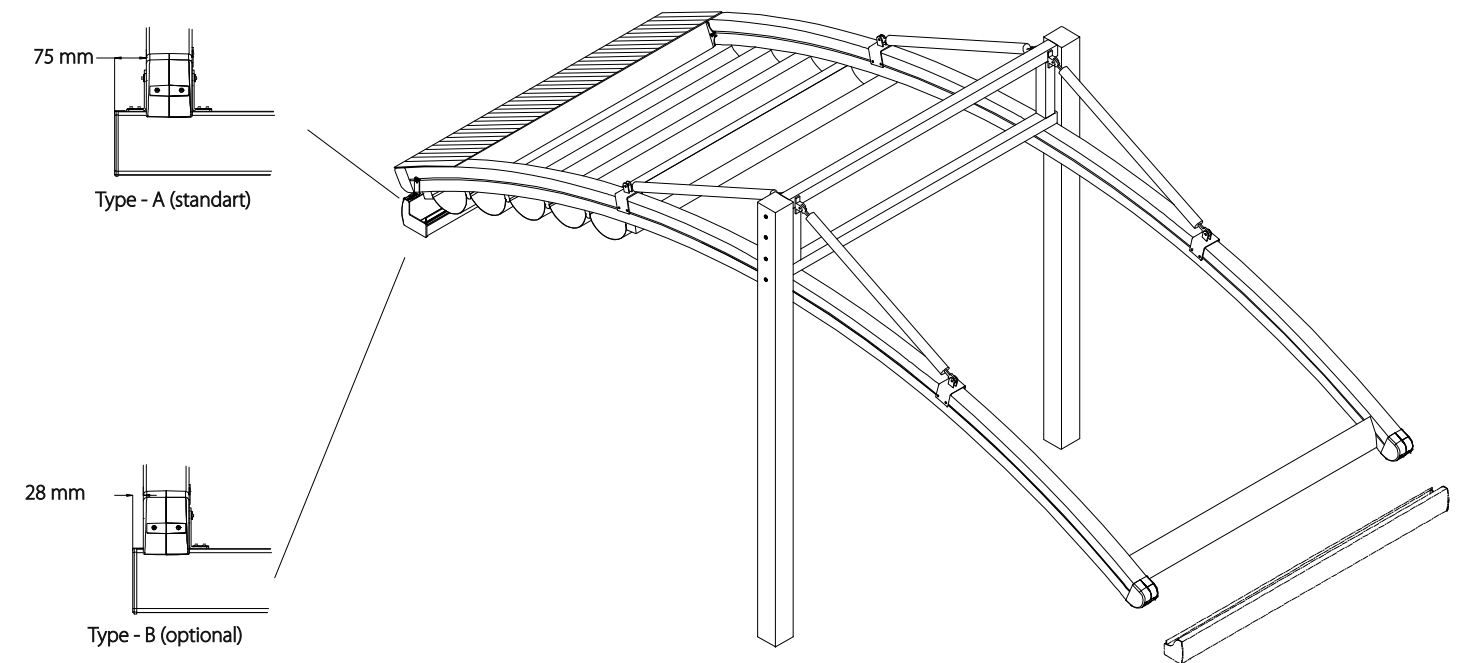
Detail - A

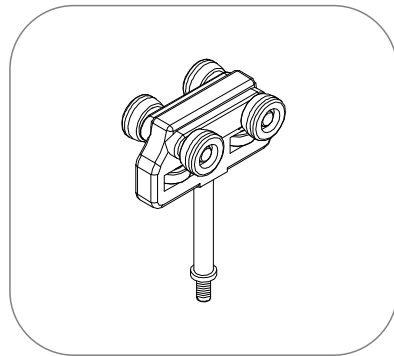


Detail - B



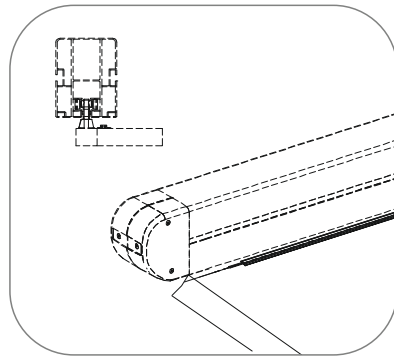
Detail - C





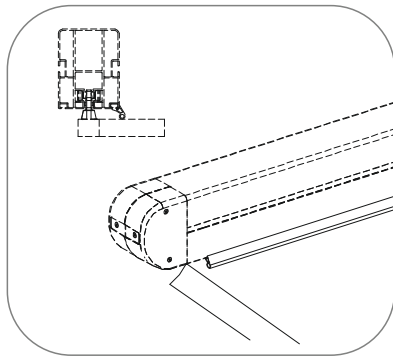
DD Six wheel slider

Uniquely developed, two horizontal & four vertical rollers working together for perfectly flat operation every time. The DD six wheel system is proven to remove the jamming issue that occurs with the 4 wheel system and can take loads of up to 400KG



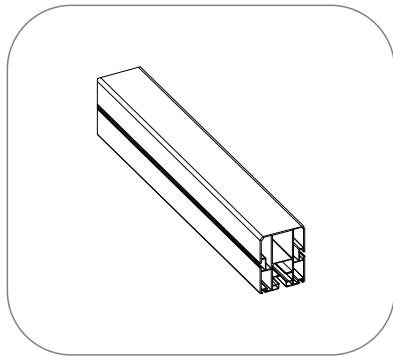
Fabric edge cord with electrical cable

This low profile cord carries the low voltage electrical power for the architectural lighting with its surely safe design.



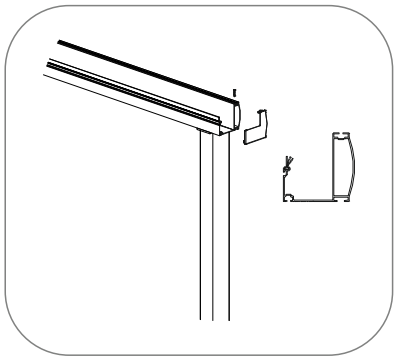
Rafter stormguard edge seal

The rafter Stormguard edge seal stops water dripping from the side of the system by providing a soft cushioning barrier with its special multi-hardness design, along the side of the system.



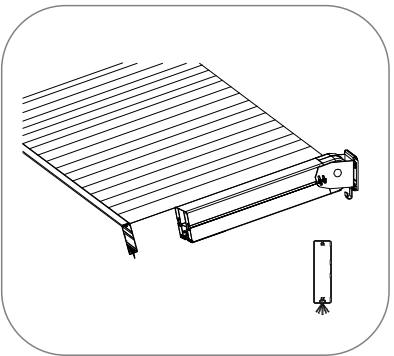
Rafter profile with water guard side channels

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



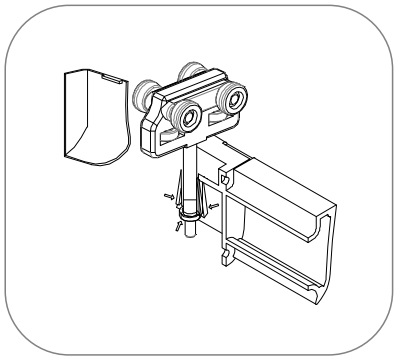
Gutter stormguard seal

The Stromguard gutter seal provides a perfect seal to prevent water leaks along the front of the system from driving rain of splashing from the gutter by its flexible design adapting to the inclination of the system.



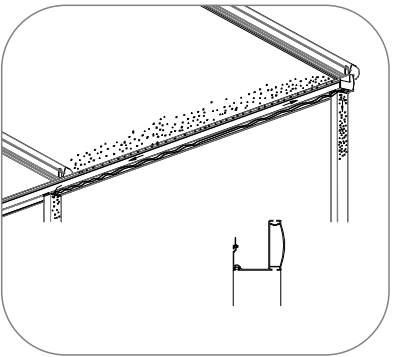
Hood stormguard seal

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



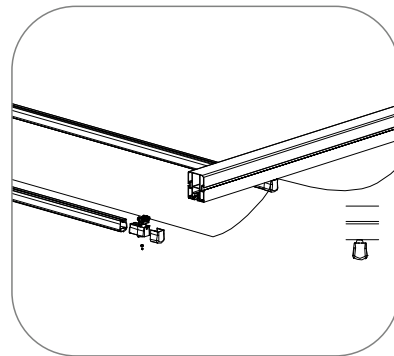
DD slider easy clip installation

The DD system has been designed for ease of use, to save time on installatlons and reduce the number of staff required. Easy Clip allows the profile to stay safely without an extra hold. Each DD slider can take loads of up to 400 kg once in place.

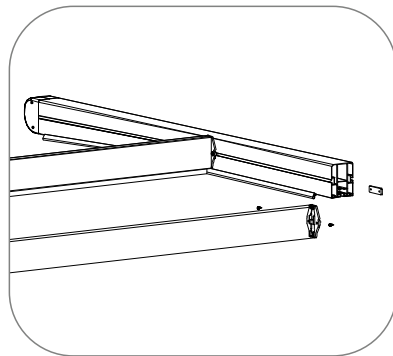


Integrated gutter & internal drainage system

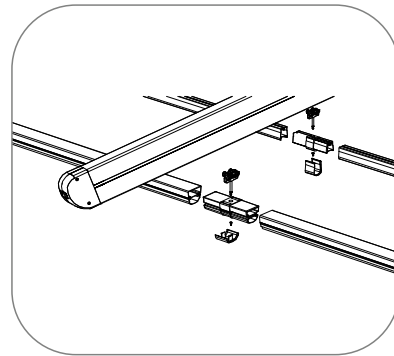
The integrated gutter system provides the perfect solution for water drainage.



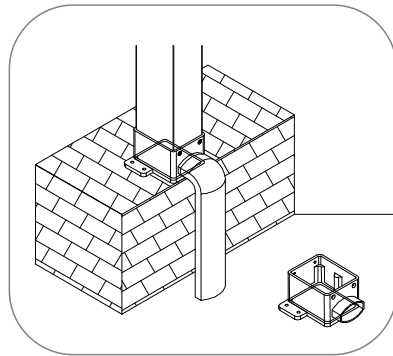
DD slider and fabric profile assembly
The system has been designed for ease of assembly to save time on installations and reduce the number of staff required.



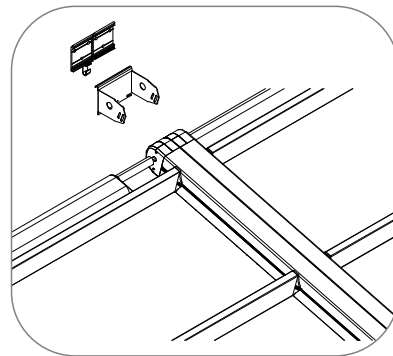
Motorbox support & hood support profile easy installation
Each support profile is easy to install and simple to adjust during the installation.



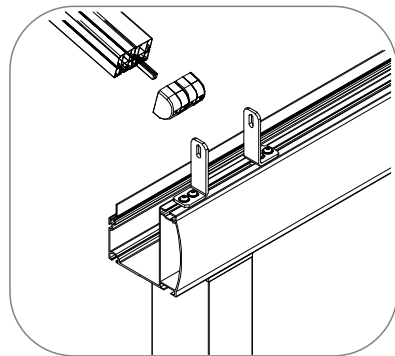
Easy clip intermediate joints (for 2&3 module system)
The Easy clip intermediate joints have been designed for ease of site assembly to save time and reduce the number of staff required.



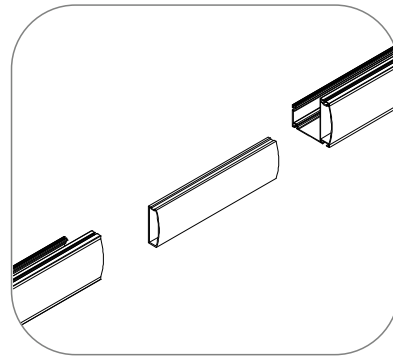
Base plate with external spout
This base plate provides a water disposal solution.



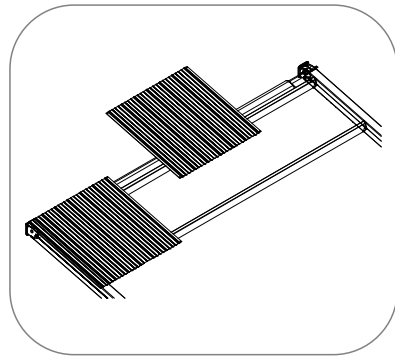
Double rafter wall bracket kit
An advanced solution for installing two rafters at once.



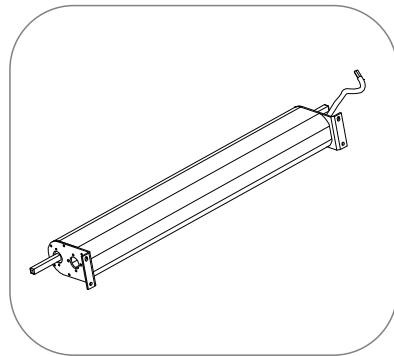
Strom channel for joining system
The strom channel is a solution for joining two systems side by side with a waterproof joint.



Gutter profile joining piece
A smart solution for joining the gutter profile.

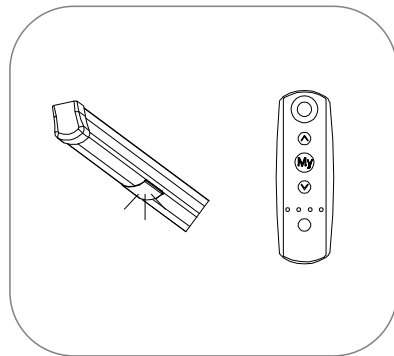


Hood profile sheets
Pergostyle' hood profile sheets provide an attractive covering solution for the system when not in use. The low profile aesthetic design offers added protection to the system with a chic touch.



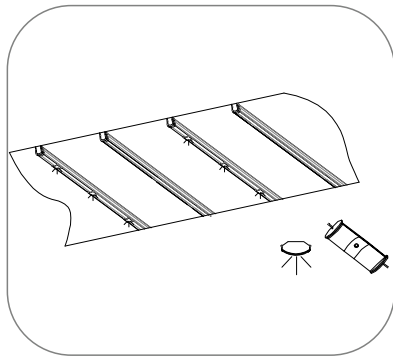
Compact 29 rpm direct drive motor box

The 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.



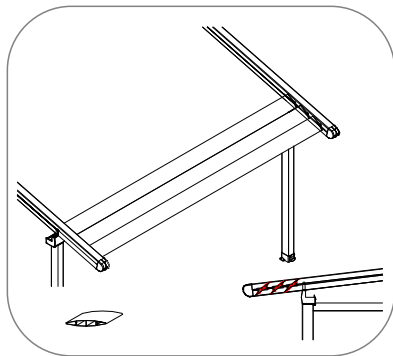
LED-TEC dimmer setup

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



LED-TEC high powered lighting

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



Aerofoil louvers

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

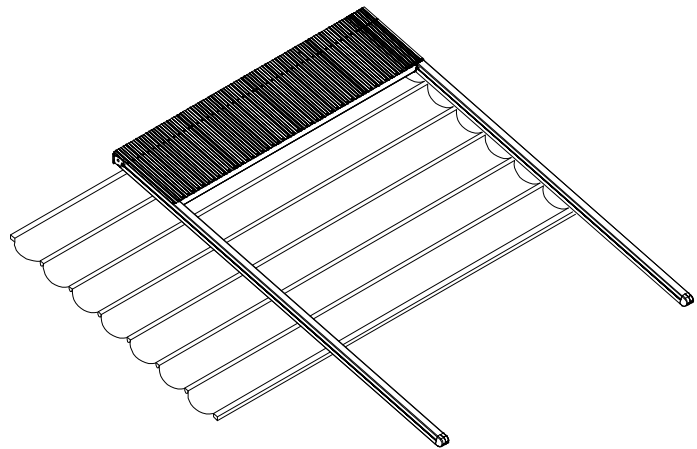


Figure-I

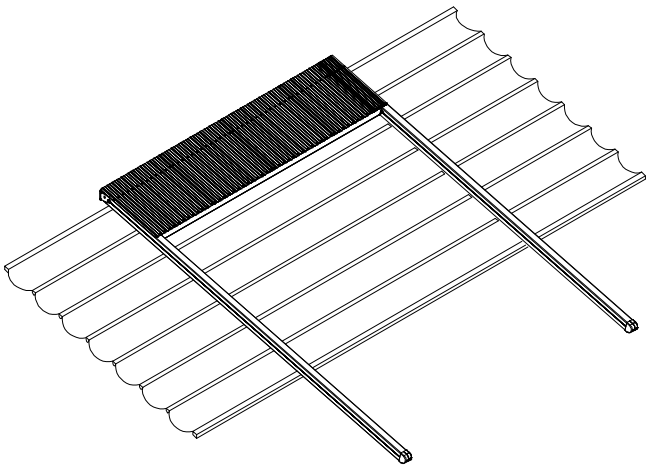


Figure-IV

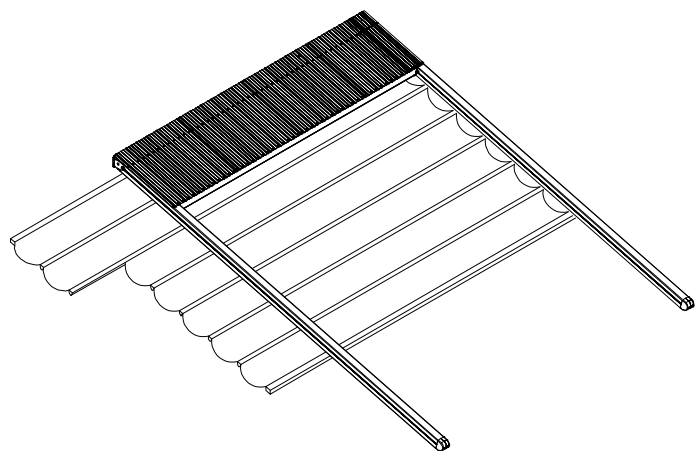


Figure-II

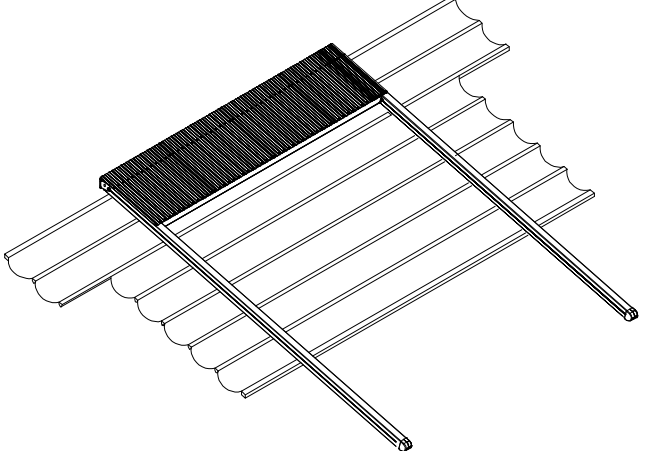


Figure-V

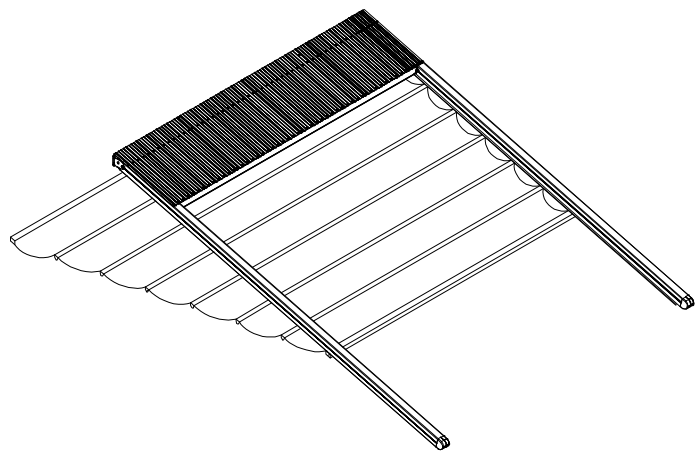


Figure-III

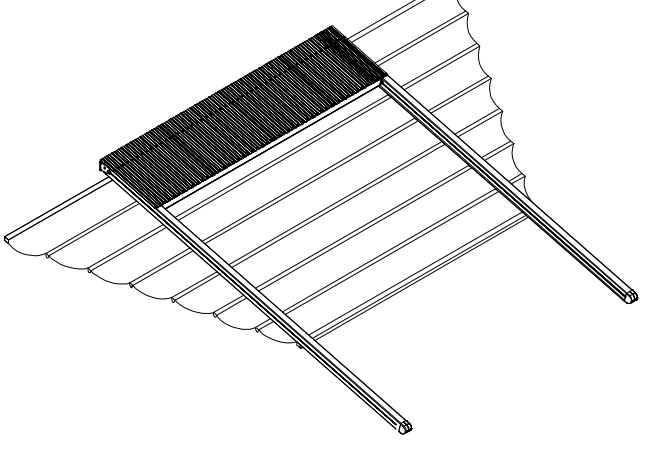


Figure-VI

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

PRODUCT WIND RESISTANCE					
CLASSIFICATION OF THE WIND RESISTANCE (EN 13561) ACCORDING TO BEAUFORT SCALE					
EN Class	Degree	Load (N/m²)	Wind speed (km/h)	Environmental conditions	Effects of wind
0	0	<40	0-1	calm	Smoke rises vertically
0	1	<40	1-5	light air	Direction of wind shown by smoke drift, but not by weather vanes
0	2	<40	6-11	light breeze	Wind felt on face, ordinary vanes moved by wind
0	3	<40	12-19	gentle breeze	Leaves and small twigs in constant motion
1	4	40	20-28	moderate breeze	Raises dust and loose paper; small branches are moved
2	5	70	29-38	fresh breeze	Small trees begin to sway
3	6	110	39-49	strong breeze	Large branches in motion; umbrellas used with difficulty
>3	7	>110	50-61	strong wind	Whole trees in motion; inconvenience felt when walking against wind
>3	8	>110	62-74	fresh gale	Branches break off trees; generally impedes progress
>3	9	>110	75-88	strong gale	Tiles come off roofs
>3	10	>110	89-102	whole gale	Trees uprooted
>3	11	>110	103-117	storm	Serious damage to buildings
>3	12	>110	>118	hurricane	Serious damage to buildings

FLAT PRODUCT WIND RESISTANCE

WIDTH(cm)												
1 MODULE				2 MODULES				3 MODULES				
	300	400	450	500	600	700	800	900	1000	1100	1200	1300
EXTENSION (cm)	300	11	11	11	11	11	11	11	11	11	11	11
	400	11	11	11	11	11	11	10	11	11	11	11
	500	11	11	11	11	11	10	10	11	11	10	10
	600	11	11	11	11	10	10	9	9	10	10	9
	700	11	11	11	11	10	9	9	9	10	9	9
	800	11	11	10	10	9	9	9	8	9	9	8
	900	11	11	9	9	9	9	8	8	8	8	8

The table shows the degrees of resistance of Sun Leader Pergola Systems limits and Sun Leader Pergola Systems warranty for model Flat for all dimensions goes up to grade 8° For higher values of wind speed values recommendation is to close the system.

SPLINE PRODUCT WIND RESISTANCE (WIDTH cm)

EXTENSION (cm)	1 MODULE				2 MODULES				3 MODULES				
		300	400	450	500	600	700	800	900	1000	1100	1200	1300
	300	11	11	11	11	11	11	11	11	11	11	11	11
	400	11	11	11	11	11	11	11	10	11	11	11	11
	500	11	11	11	11	11	11	10	10	11	11	10	10
	600	11	11	11	11	10	10	9	9	10	10	9	9
	700	11	11	11	11	10	9	9	9	10	9	9	9
	800	11	11	10	10	9	9	9	8	9	9	9	8
	900	11	11	9	9	9	9	8	8	8	8	8	8
	1000	9	9	9	9	8	8	8	8	8	8	8	8
1100	8	8	8	8	8	8	7	7	8	7	7	7	

The table shows the degrees of resistance of Sun Leader Pergola Systems limits and Sun Leader Pergola Systems warranty for model Spline for all dimensions goes up to grade 7° For higher values of wind speed values recommendation is to close the system.

VAULT PRODUCT WIND RESISTANCE (WIDTH cm)

EXTENSION (cm)	1 MODULE				2 MODULES				3 MODULES				
		300	400	450	500	600	700	800	900	1000	1100	1200	1300
	300	11	11	11	11	11	11	11	11	11	11	11	11
	400	11	11	11	11	11	11	11	10	11	11	11	11
	500	11	11	11	11	11	11	10	10	11	11	10	10
	600	11	11	11	11	10	10	9	9	10	10	9	9
	700	11	11	11	11	10	9	9	9	10	9	9	9
	800	11	11	10	10	9	9	9	8	9	9	9	8
	900	11	11	9	9	9	9	8	8	8	8	8	8
	1000	9	9	9	9	8	8	8	8	8	8	8	8
1100	8	8	8	8	8	8	7	7	8	7	7	7	

The table shows the degrees of resistance of Sun Leader Pergola Systems limits and Sun Leader Pergola Systems warranty for model Vault for all dimensions goes up to grade 7 ° For higher values of wind speed values recommendation is to close the system.

FLAT HARMONY PRODUCT WIND RESISTANCE

EX. EXTENSION (cm)	1 MODULE				2 MODULES				3 MODULES				
		300	400	450	500	600	700	800	900	1000	1100	1200	1300
	600	11	11	11	11	11	11	11	11	11	11	11	11
	800	11	11	11	11	11	11	11	10	11	11	11	11
	1000	11	11	11	11	11	11	10	10	11	11	10	10
	1200	11	11	11	11	10	10	9	9	10	10	9	9
	1400	11	11	11	11	10	9	9	9	10	9	9	9
	1600	11	11	10	10	9	9	9	8	9	9	9	8
	1800	11	11	9	9	9	9	8	8	8	8	8	8

The table shows the degrees of resistance of Sun Leader Pergola Systems limits and Sun Leader Pergola Systems warranty for model Spline for all dimensions goes up to grade 7° For higher values of wind speed values recommendation is to close the system.

SPLINE HARMONY PRODUCT WIND RESISTANCE

		WIDTH(cm)											
		1 MODULE				2 MODULES				3 MODULES			
EXTENSION (cm)		300	400	450	500	600	700	800	900	1000	1100	1200	1300
	600	11	11	11	11	11	11	11	11	11	11	11	11
	800	11	11	11	11	11	11	11	10	11	11	11	11
	1000	11	11	11	11	11	11	10	10	11	11	10	10
	1200	11	11	11	11	10	10	9	9	10	10	9	9
	1400	11	11	11	11	10	9	9	9	10	9	9	9
	1600	11	11	10	10	9	9	9	8	9	9	9	8
	1800	11	11	9	9	9	9	8	8	8	8	8	8

The table shows the degrees of resistance of Sun Leader Pergola Systems limits and

Sun Leader Pergola Systems warranty for model Spline Harmony for all dimensions goes up to grade

8 °For higher values of wind speed values recommendation is to close the system.

FLAT CITY PRODUCT WIND RESISTANCE

		WIDTH(cm)											
		1 MODULE				2 MODULES				3 MODULES			
EXTENSION (cm)		300	400	450	500	600	700	800	900	1000	1100	1200	1300
	300	9	9	9	9	9	9	9	9	9	9	9	9
	400	9	9	8	9	9	9	8	8	9	9	8	8
	500	9	8	7	9	9	8	8	7	9	8	7	7

The table shows the degrees of resistance of Sun Leader Pergola Systems limits and

Sun Leader Pergola Systems warranty for model Flat City for all dimensions goes up to grade

7 °For higher values of wind speed values recommendation is to close the system.

SPLINE CITY PRODUCT WIND RESISTANCE

		WIDTH(cm)											
		1 MODULE				2 MODULES				3 MODULES			
EXTENSION (cm)		300	400	450	500	600	700	800	900	1000	1100	1200	1300
	300	9	9	9	9	9	9	9	9	9	9	9	9
	400	9	9	8	9	9	9	8	8	9	9	8	8
	500	9	8	7	9	9	8	8	7	9	8	7	7

The table shows the degrees of resistance of Sun Leader Pergola Systems limits and

Sun Leader Pergola Systems warranty for model Spline City for all dimensions goes up to grade

7 °For higher values of wind speed values recommendation is to close the system.

FLAT VARIANCE PRODUCT WIND RESISTANCE

		WIDTH(cm)											
		1 MODULE				2 MODULES				3 MODULES			
EXTENSION (cm)		300	400	450	500	600	700	800	900	1000	1100	1200	1300
	600	9	9	9	9	9	9	9	9	9	9	9	9
	800	9	9	8	9	9	9	8	8	9	9	8	8
	1000	9	8	7	9	9	8	8	7	9	8	7	7

The table shows the degrees of resistance of Sun Leader Pergola Systems limits and

Sun Leader Pergola Systems warranty for model Flat Variance for all dimensions goes up to grade

8 °For higher values of wind speed values recommendation is to close the system.

SPLINE VARIANCE PRODUCT WIND RESISTANCE

		WIDTH(cm)											
		1 MODULE				2 MODULES				3 MODULES			
EXTENSION (cm)		300	400	450	500	600	700	800	900	1000	1100	1200	1300
	600	9	9	9	9	9	9	9	9	9	9	9	9
	800	9	9	8	9	9	9	8	8	9	9	8	8
	1000	9	8	7	9	9	8	8	7	9	8	7	7

The table shows the degrees of resistance of Sun Leader Pergola Systems limits and

Sun Leader Pergola Systems warranty for model Spline Variance for all dimensions goes up to grade

8 °For higher values of wind speed values recommendation is to close the system.

VAULT VARIANCE PRODUCT WIND RESISTANCE

		WIDTH(cm)							
		1 MODULE			2 MODULES			3 MODULES	
EXTENSION (cm)		300	400	500	600	700	800	900	
	300	9	9	9	9	9	9	9	
	400	9	9	9	9	9	9	9	
	500	9	9	9	9	9	9	9	
	600	9	9	9	9	9	9	9	
	700	9	9	9	9	9	8	8	
	800	9	8	9	9	8	8	7	

The table shows the degrees of resistance of Sun Leader Pergola Systems limits and

Sun Leader Pergola Systems warranty for model Vault Variance for all dimensions goes up to grade

7 °For higher values of wind speed values recommendation is to close the system.