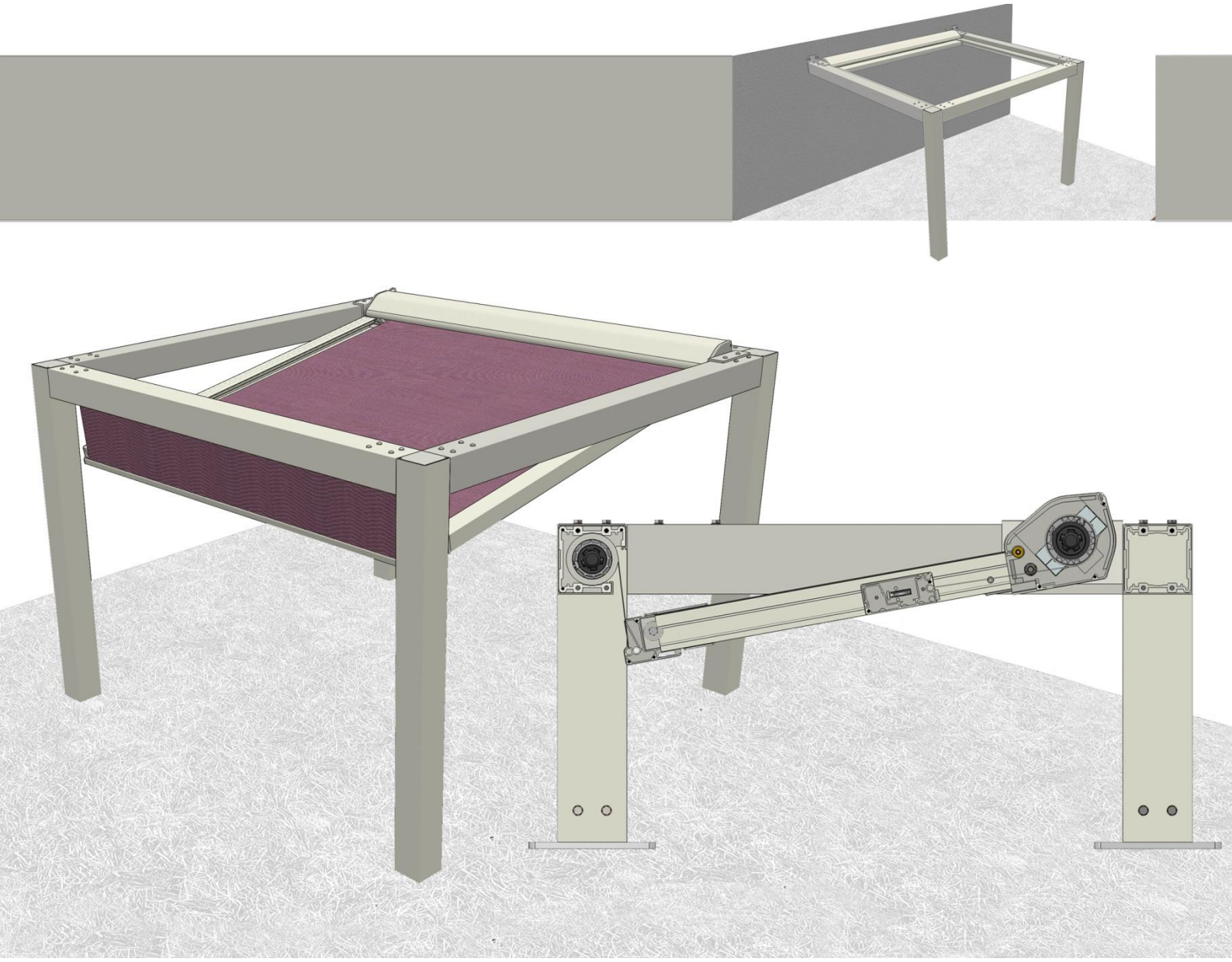
Manufacturing and installation instruction

Cubola® Summerlight®

Terrace Awning



NOTE:
The calculation method of the system has been changed to make it easier to determine the cut sizes for connected systems.
All sawing measures are now based on the centre-to-centre measures of the bottom supports.

NOTE:
The AVZ calculation configurator programme for the use of a single system is still based on the outer measures of a single system!

** ATTENTION **

AVZ accepts no liability for any errors in this manual,
or for any damage or losses resulting from the use thereof

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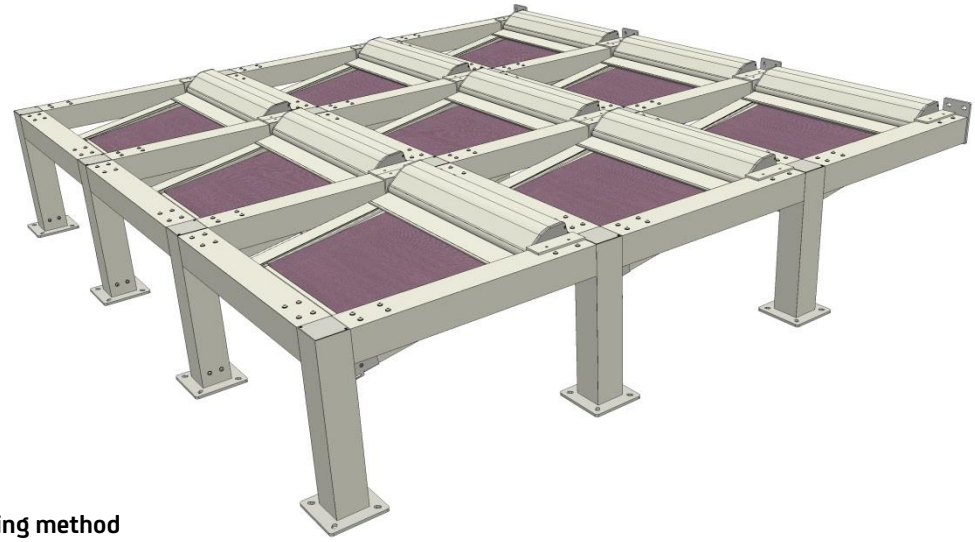
Dimensions (mm)*

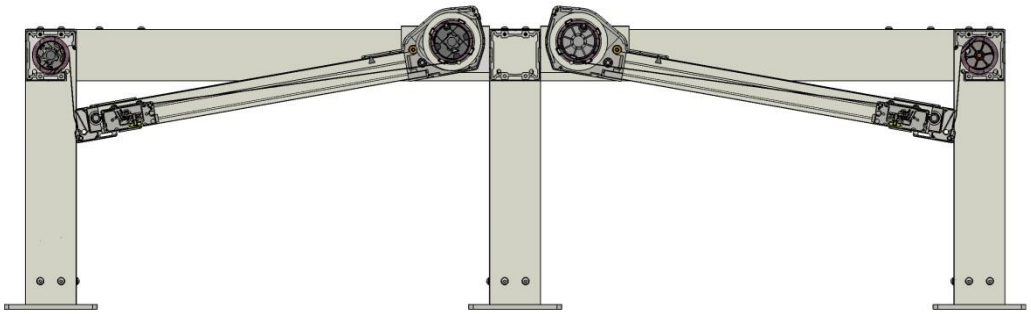
	Width unit	Projection unit	Height unit
Maximum per unit	4000 mm	4000 mm	3000 mm

* = While the system in theory allows for endless connection in all directions, it is not possible to end both front profiles at one profile.
Note: No joints are available for the fabric rollers, so each unit of max. 4000 x 4000 mm has 2 motors.



Fabric winding method

The fabric of the Cubola Summerlight is wound bottomwise.
The fabric in the front beam is wound topwise (max. 800 mm projection).



Motor diagram
The values below apply to the awning fabric (roller 78).

Width	Projection		
	150 - 300 cm	300 - 375 cm	376 - 400 cm
200 - 250 cm	25 Nm	35 Nm	40 Nm
251 - 325 cm	25 Nm	35 Nm	40 Nm
326 - 400 cm	25 Nm	35 Nm	40 Nm

For the fabric in the support beam (valance) use at least 15Nm without fabric stretch compensation or 30Nm with fabric stretch compensation.

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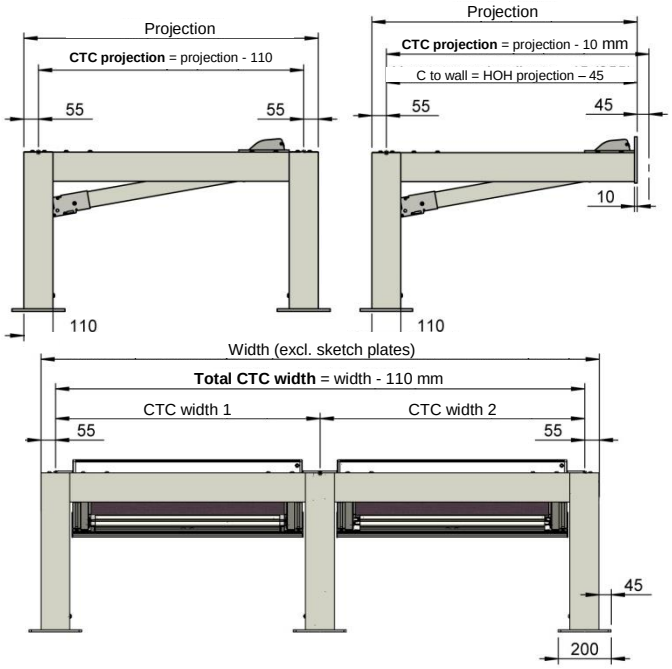
Determine the centre-to-centre measure of the legs
In order to determine the cut sizes, first measure the centre to centre size of each unit. A drawing with dimensions is shown below.
For a more detailed view, see the cut size diagram and the enclosed cut lists.

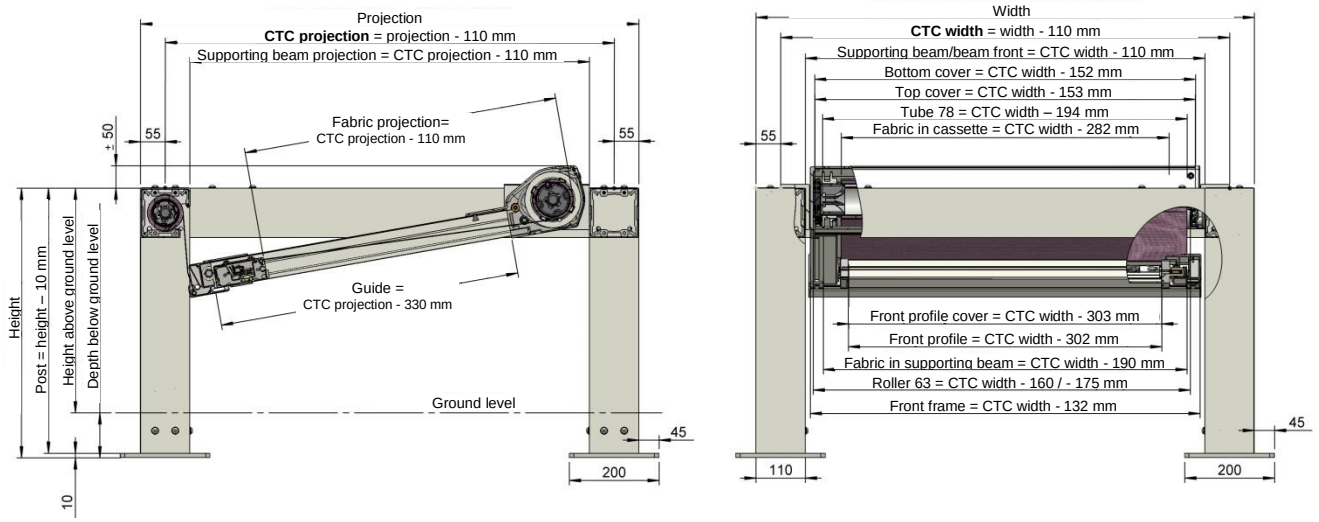


Note: Mounting plates extend beyond the width and projection sizes. This is 5 mm for the wall mounting plate and 45 mm for the mounting plate of the leg.

Dissimilar units
Note: In case of a connected system with dissimilar units placed in front or alongside one another, the outer size minus the values are stated above are divided over the number of units.
For example: Freestanding model with 2 units connected in width:

Total width = 7000 mm
The total CTC size is then 7000 – 110 mm = 6890 mm
If the first unit has a CTC size of 3000 mm, that of the second unit will be
6890 – 3000 = 3890 mm.

Cut sizes
The cut sizes apply to all configurations, including a connected or wall-mounted system. It is based on the CTC size of each unit. *The applicable sizes are listed in the cut size diagram shown on the following page.*



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Number and cut sizes
The cut sizes apply to all configurations, based on the CTC size of each unit. The number of units to be used is stated in the table below.*(Various cut sizes are enclosed).*

			Freestanding (connected)			Wall-mounted (connected)		
			Single freestanding	Double freestanding side-by-side	Double freestanding following	Single wall-mounted	Double wall-mounted side-by-side	Double wall-mounted following
								
CTC projection per unit			Projection – 110 mm / no. of units			Projection – 10 mm / no. of units		
CTC width per unit			Width – 110 mm / no. of units			Width – 110 mm / no. of units		
Cut sizes Width			**No. of pieces**					
Width beam		CTC width **– 110** mm	1	2	1	0	0	0
Beam		CTC width **– 110** mm	1	2	2	1	2	2
Front profile		CTC width **– 132** mm	1	2	2	1	2	2
Roller 78 Somfy/ASA		CTC width **– 194** mm	1	2	2	1	2	2
Roller 63 Somfy/ASA		CTC width **– 160 / – 175** mm	1	2	2	1	2	2
Fr. profile cover		CTC width **– 303** mm	1	2	2	1	2	2
Front Profile		CTC width **– 302** mm	1	2	2	1	2	2
Bottom cover		CTC width **– 152** mm	1	2	2	1	2	2
Top cover		CTC width **– 153** mm	1	2	2	1	2	2
Water cap (option)		CTC width **– 153** mm	(1)	(2)	(2)	(1)	(2)	(2)
Cut sizes Projection			**No. of pieces**					
Projection beam		CTC projection **– 110** mm	2	3	4	2	3	4
Guide		CTC projection **– 330** mm	2	4	4	2	4	4
Gutter (option)		CTC projection **– 250** mm	(2)	(4)	(4)	(2)	(4)	(4)
Cut sizes Height			**No. of pieces**					
Leg		Height + measure below ground level **– 10** mm	4	6	6	2	3	4
Fabric size			**No. of pieces**					
Fabric in cassette		CTC width **– 282** mm CTC projection **– 110** mm	1	2	2	1	2	2
Fabric in beam		CTC width **– 190** mm Fixed size **= 800** mm	1	2	2	1	2	2

Note:
- You must determine the numbers of pieces for other configurations yourself.
- Use of dissimilar units will lead to different CTC sizes; this will result in multiple lengths for one type of profile!

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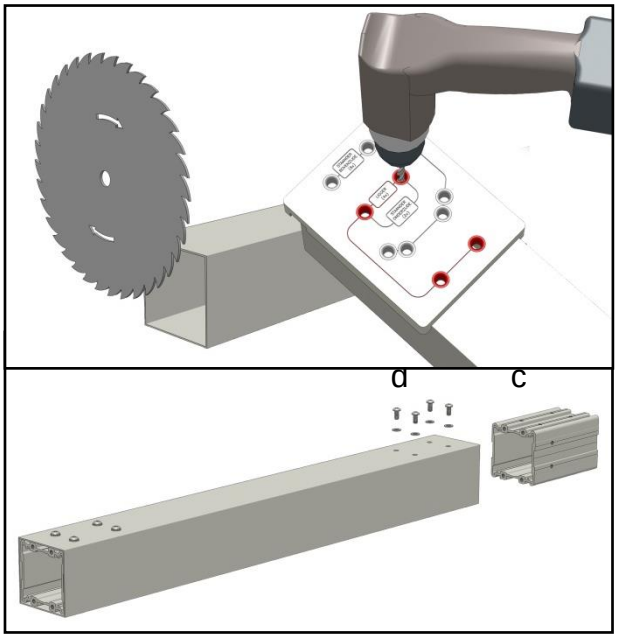
Beam assembly

This pre-assembly occurs several times, depending on the chosen Cubola Summerlight model. In case of a choice for wall mounting, only wall-mounted beams will be provided (see next page).

a. Shorten the beam lengthways, cut off at right angle.
b. Place the drilling template and drill 4 holes according to the 'beam' pattern. Do the same on the other side of the profile.

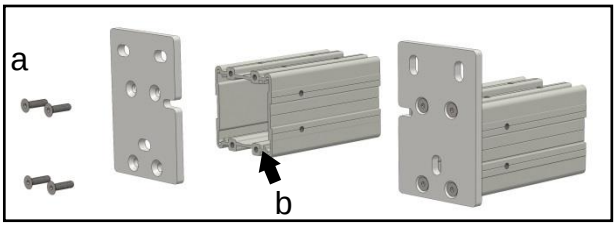
c. Insert the corner mounting piece in the beam. **Note:** Turn the side with the most holes towards the centre of the profile so that the corner mounting piece is laid 2 mm into the beam. **N.B.:** When the profile is turned around, the corner mounting piece will be flush with the profile. This is used for wall mounting and thus not desired for this application! If the beam is used for wall mounting, a corner mounting piece will only be fitted to one side of the profile. A wall mounting support will be fitted on site to the other side of the profile.
d. Fasten the corner mounting pieces with the bolts on the top.



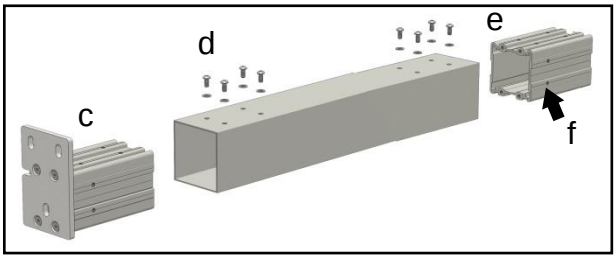
Pre-assembly beam for wall mounting

In case of a choice for a wall-mounted system, the beams to be fitted against the walls will be provided with a wall mounting plate.

a. Screw the wall mounting plate to the mounting profile.
b. **Note:** 4 holes of the wall support should be directed upward so that the outside of the profile is flush with the end of the beam. The distance between the wall mounting plate and the first holes is then 50 mm.



c. Slide the mounting profile into the tubular profile (sawn and drilled as under beam pre-assembly).
d. Temporarily fasten the top of the wall mounting support or deliver the support separately with the profile. First mount the support on site to the wall before attaching the beam.
e. Insert the other corner mounting piece into the beam and fasten it.
f. **Note:** Turn the side with the most holes towards the centre of the profile so that the corner mounting piece is laid 2 mm into the beam. **N.B.:** When the profile is turned around, the corner mounting piece will be flush with the profile.



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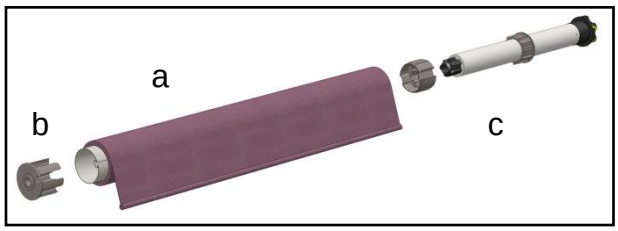
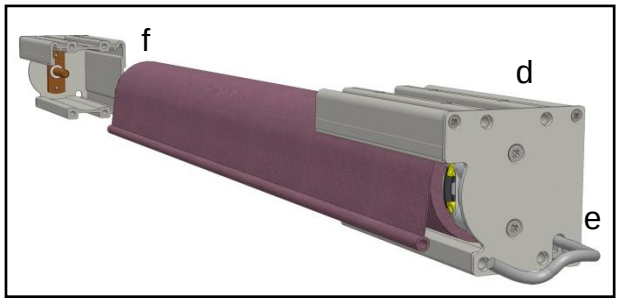
Pre-assembly front beam

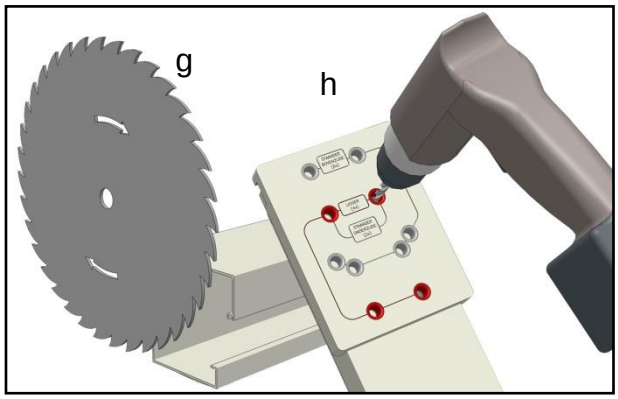
a. Insert PVC inserts into the fabric and wind the fabric topwise over the steel tube. Make sure that the groove on the pull side is filed round so that the fabric is not torn by being pulled against the sharp edge.
b. Insert bearing plug into the non-operating side of the fabric roller.
c. Place the motor with friction ring and motor plug into the other side of the roller. Take the direction of rotation into account.



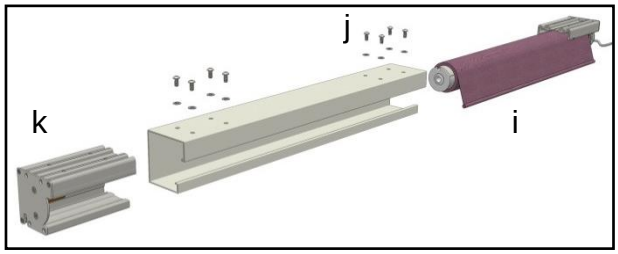
d. Attach the mounting profile front piece to the endplates of the beam, place the motor support and fit the assembly against the roller with motor.
e. Make sure that the motor cable is drawn through the cable hole in the endplate Then fasten the motor using a motor clamp or cotter pin (depending on the choice of motor).
f. On the bearing side, attach the mounting profile to the endplate and place the bearing pin with washer.



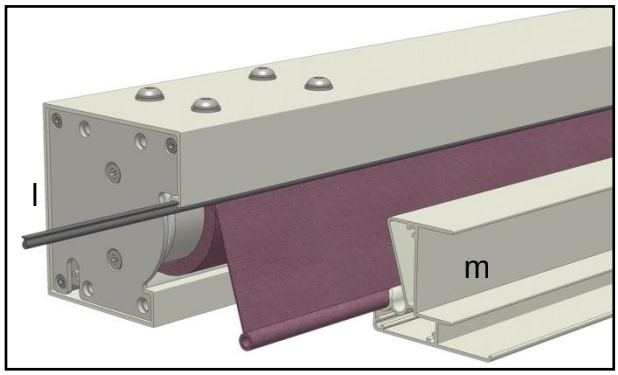
g. Cut the front of the beam profile and the front frame to the cut size.
h. Place the drilling template on the top of the profile and drill 4 holes according to the 'beam' pattern. Do the same on the other side of the profile.



i. Slide the fabric roller fabric into the profile from one side.
j. Fasten the mounting profile using the 4 bolts on the top.
k. Slide the bearing side mounting piece into the profile up to the roller. Fasten it.



l. Slide the sealing strip into the beam.
m. Slide the filed off fabric roller against the fabric and wind up the fabric.



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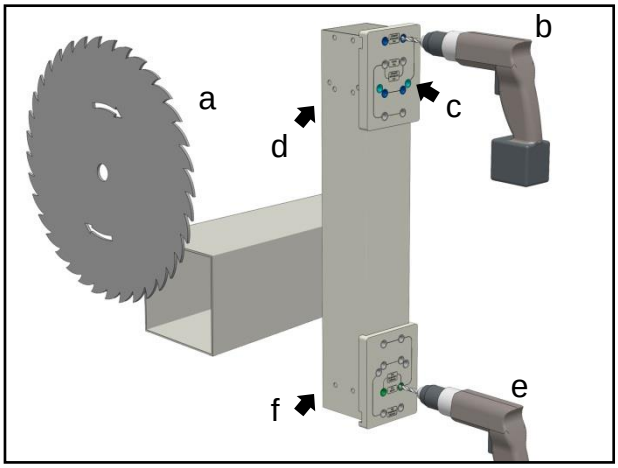
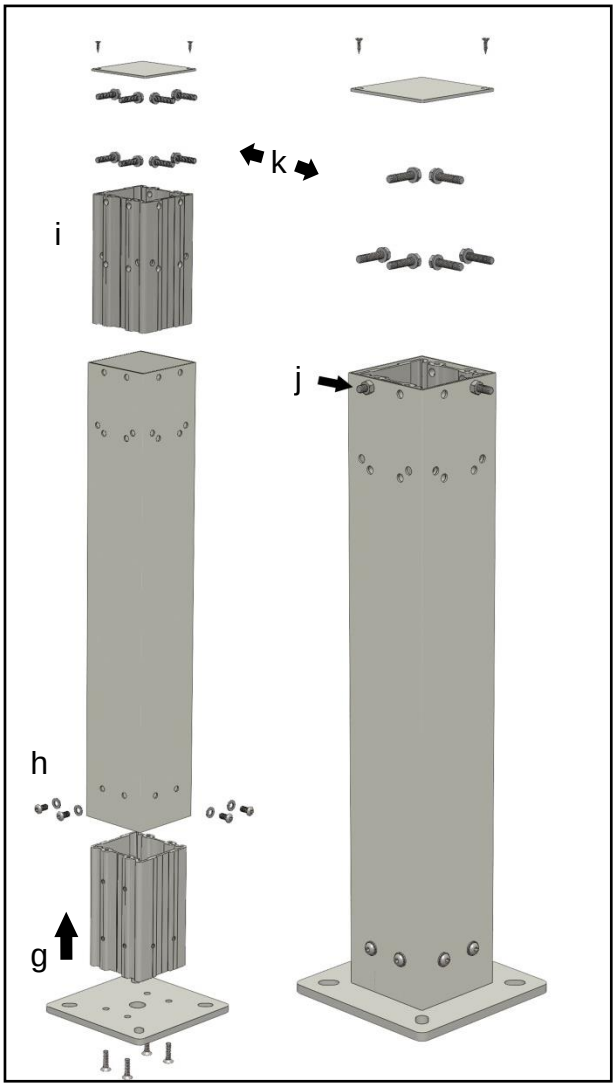
Pre-assembly leg

a. Cut the legs at the right cut size.
b. Place the drilling template on the profile and drill 6 holes according to the 'top of leg' pattern.
c. 2 of the 6 holes are for the cable feed (lighter colour in figure). To limit drilling, one can choose not to drill these doles in all the legs.
d. Turn the profile 90° (quarter turn) and drill the same pattern again. If the bottom leg is fitted with beams on 3 sides (in case of a connected system), the pattern must also be drilled on the third side.
e. Place the drilling template against the underside of the profile and drill according to the 'underside of leg' pattern.
f. Also drill two holes on the other side. Preferably drill the holes on the same side as the holes on the top of the profile.



g. Fasten the mounting adjusting plate to the mounting profile using countersunk bolts.
h. Place the leg on the profile and fasten the 4 bolts on the side. You can opt to first fasten the adjusting plates to the mounting location against the wall before placing the profile on it. In that case the adjusting plate must be kept separately.
i. Insert the adjusting plate mounting profile into the top of the profile.
j. Temporarily fasten the mounting profile using 2 bolts and nuts or loosely fit the adjusting plate mounting profile into the leg.
k. Loosely fit the cover plates and bolt into the bottom plate or fasten them temporarily.



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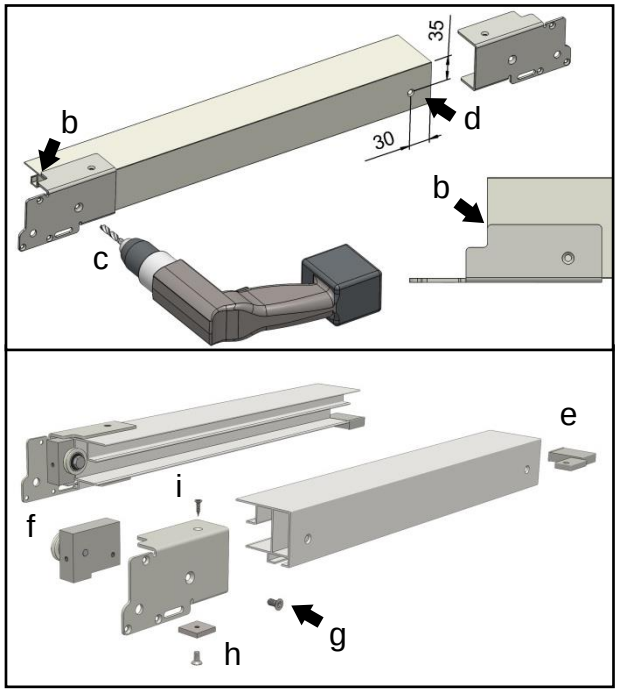
Guide assembly

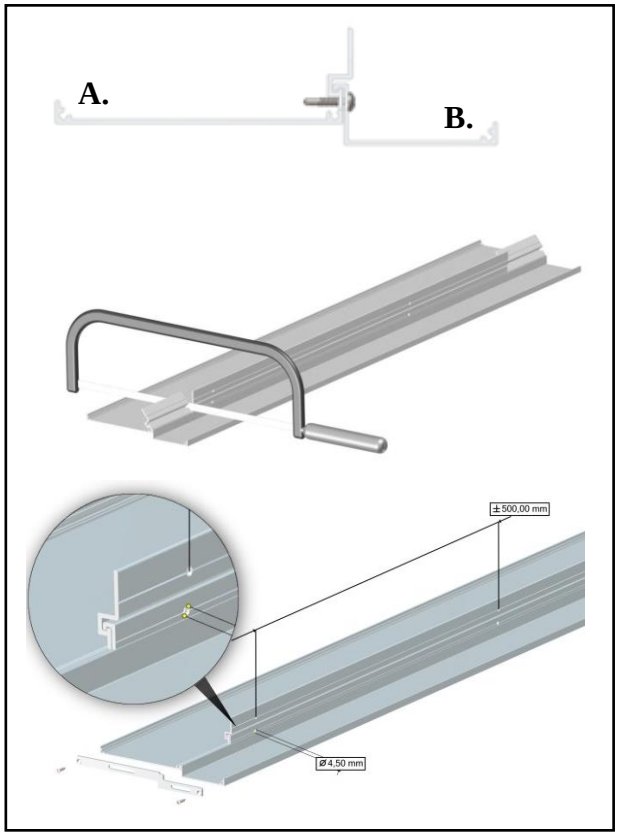
a. Cut the guides at the right cut size.
b. Place the end cap of the Cubola Summerlight front profile at the mounting position (at *b*, make sure the front is flush).
c. Drill a hole of ∅ 6.5 mm through the end cap, so that it can later be fastened at *point g*.
d. Also drill a hole at the same place on the back side for fastening to the cassette (end cap can also be used as template).



e. Slide the guide plate into the rear of the guide.
f. Slide the bearing block with bearing into the front of the guide.
g. Place the end cap of the front profile around the guide and fasten it on the side with a countersunk screw (through the guide into the end bearing block).
h. Place a clamping plate into the bottom of the profile and fasten the end cap on the underside.
i. Turn a self-drilling screw into the top of the profile. This ensures that the end is fastened on all sides.

Gutter guide assembly (option)

a. Cut the gutter guides at the right cut size.
b. Cut the ridge at 100 mm from both ends until the rejuvenations. Watch out not to damage the edges of the profile, the saw-blade is very close!
c. Break the saw-cut part of the profile by using pincers.
   A. Always use this part. Also in combination with a side cap (e.g. SolidScreen) for instance.
   B. If no side cap is used, use this part to close off the space between the support beam and the guide.
d. Place the end cap gutter at both ends of the profile.
e. Drill 2 holes of 4.5 mm at intervals of ± 500 mm above one another on the drill lines in the profiles for fitting to the guide. Then fasten the two profiles into the side guide using self-drilling screws.



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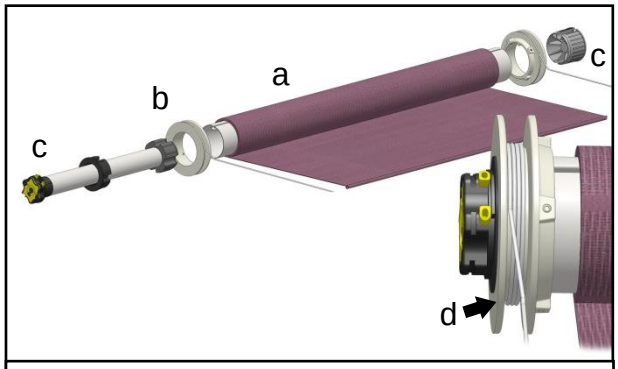
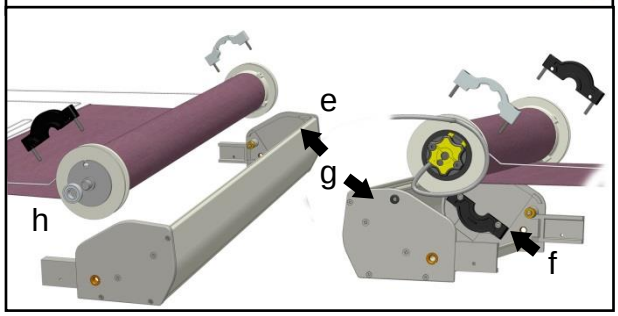
Pre-assembly cassette

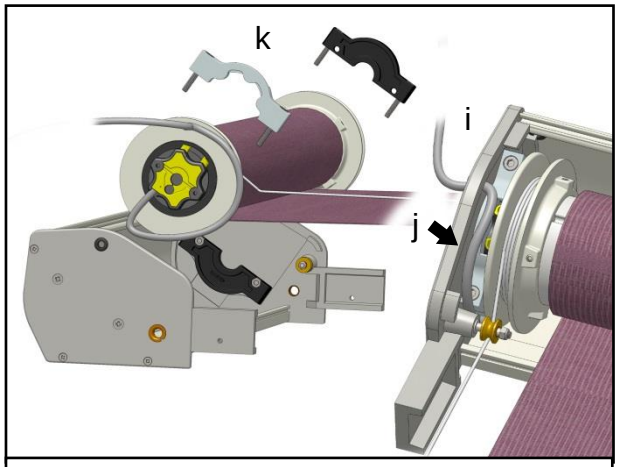
a. Insert PVC inserts into the fabric and wind the fabric bottomwise around the steel roller 78 mm.
b. Place cord pulleys as far as possible at the ends of the roller, and fasten them with hexagon sockets.
c. Place the bearing plug and motor with adapter and friction ring in the roller.
d. Fasten the cords to the cord pulleys and make at least three rotations topwise around the pulleys. The required length of cord per side is determined as follows: 2x the extension + 1.5x the width + 1 m.



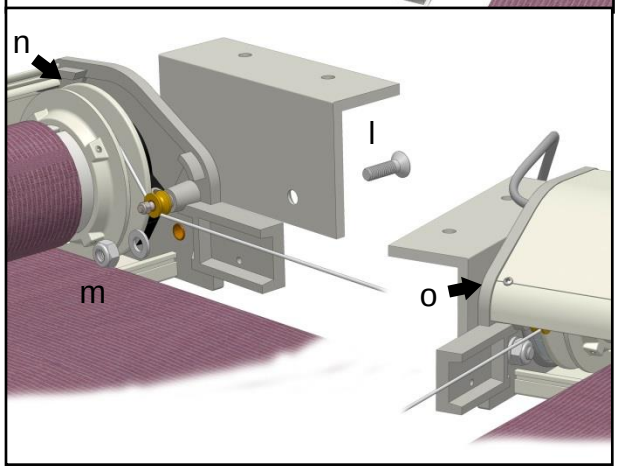
e. Assemble the cassette by attaching the top cover supports to the bottom cover profile.
f. Fasten the bottom sections of the motor support and the bearing block to the inside of the top cover supports.
g. Drill a hole through the rear cover a top cover support and place a rushing for the cable feed. **Note:** The cable is connected at the top of the bottom support. So preferably drill at the top of the cassette so that the cable cannot be seen from below.
h. Place the bearing on the bearing plug and insert the roller into the cassette.



i. Feed the motor cable through the hole (in rear cover or top cover support) without the cable becoming snagged.
j. Ensure that the cable is not in contract with the cord pulley. It is also advised to feed the cord underneath the motor to prevent damage to the cable.
k. Place the top halves of the motor support and bearing block and fasten them.

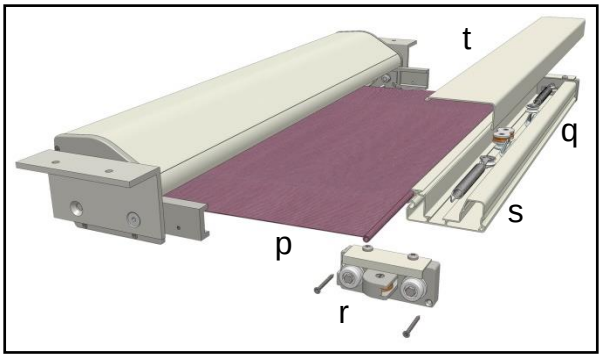


l. Attach the top cover support holder to the top cover support by inserting a M10 bolt through the bearing.
m. Fasten the top cover with a self-locking nut, but not too tightly as this point must rotate.
n. Check that the cord pulleys are positioned in line with the cord wheels of the top cover support. If not, adjust the cord pulleys.
o. Place the top cover on the cassette and fasten it with 2 plate screws

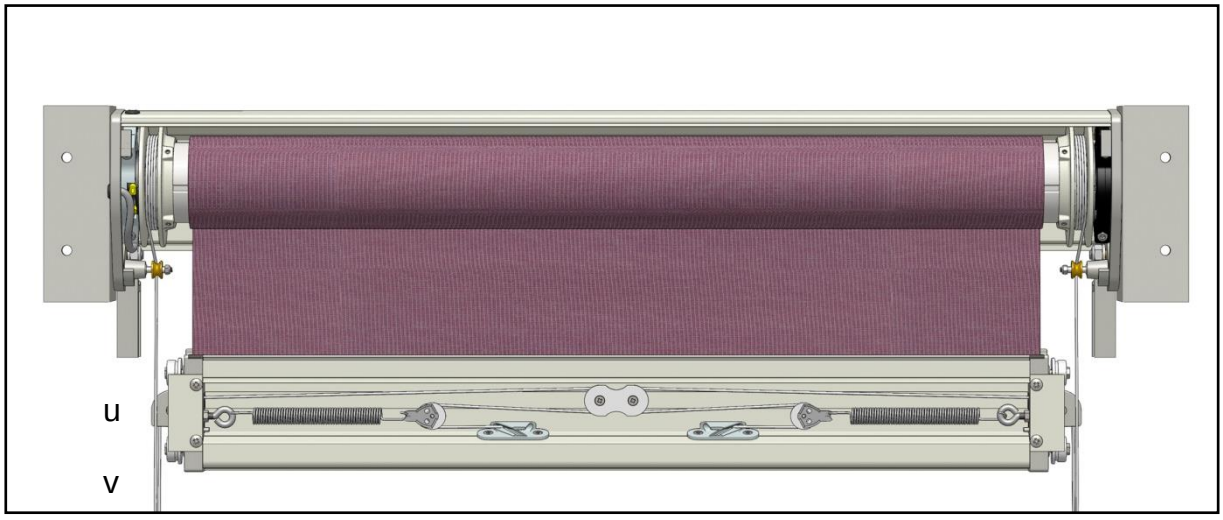


Pre-assembly cassette (continued)

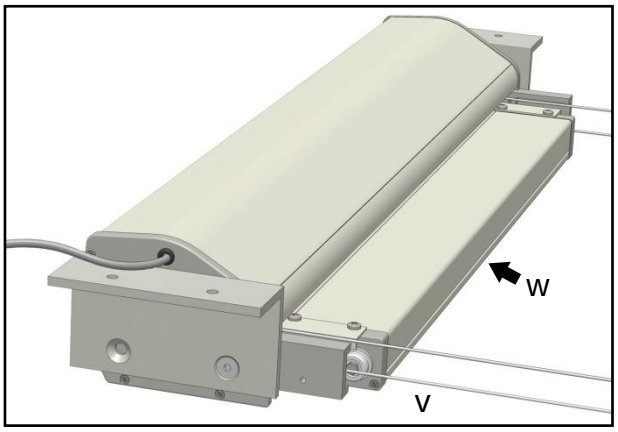
p. Slide the front profile along the front of the fabric.
Note: Use the upper opening in the profile.
q. Slide the central pulley into the profile.
r. Fasten the guide blocks on the left and right of the pulling frame.
s. Place screw eyes, pulley springs and cord tensioners in the pulling frame.
t. Then place the cover or first attach the cord (temporarily).



u. Feed the cord through the guide block, then through the central pulley and the spring-mounted pulley. Fasten the cord to the cord tensioner.
v. When laying the cord leave a large loop (2x extension) between the cassette and fasting frame. This will be led around the pulley at the front of the guide during mounting.



w. Close the cassette for transport.

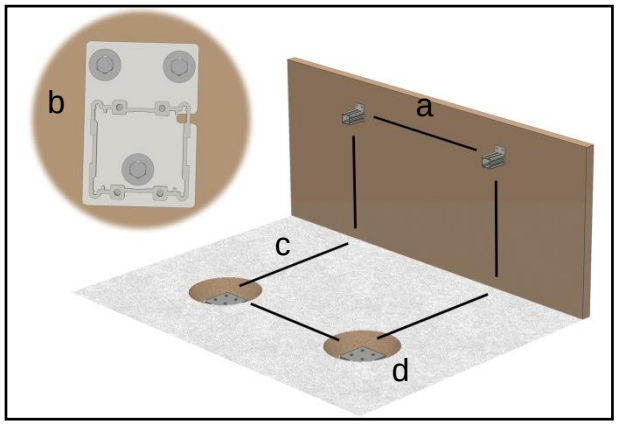


Installation instruction Cubola® Summerlight® Freestanding

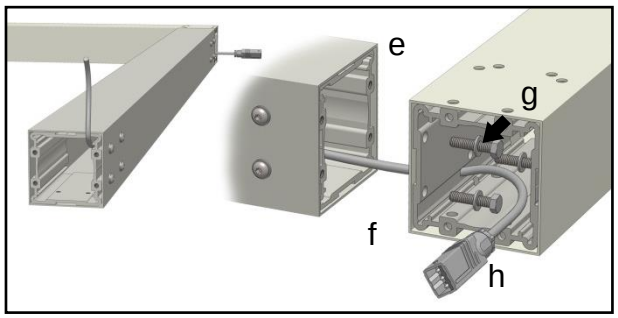
Fastening of wall bracket

Before placing the Cubola Summerlight check that the existing structure is suitable for the attachment of the Cubola Summerlight system (request the opinion of a qualified engineer if necessary).
Provide sufficient means of attachment for wall mounting of the Cubola Summerlight.

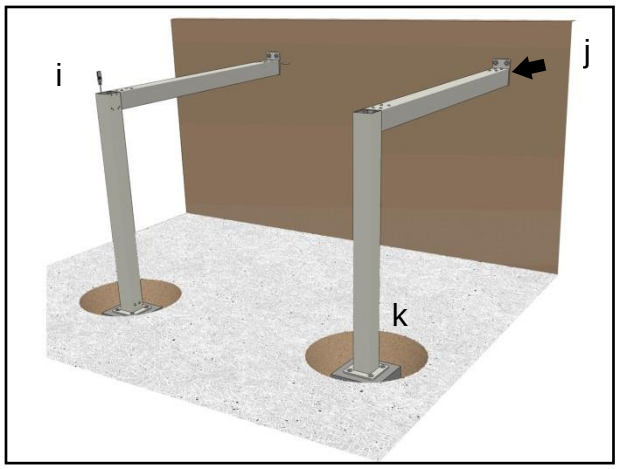
a. Measure the positions for fastening of the wall bracket. Drill holes for the means of attachment. Ask your supplier for advice (the wall brackets can accommodate 3 x M12 bolts (opening 14 mm).
b. Attach the wall brackets to the wall and ensure that the brackets are level with one another. Limited correction of the position is possible by sliding the brackets in the length holes. (left = height, right = width).
c. Measure the positions of the legs on the floor. Various means of floor mounting are possible, depending on the situation. For example: on concrete pads, foundation or existing floor. Mounting on concrete pads is assumed for the purposes of these instructions.
d. Dig 2 holes and place 2 concrete pads (spacing □ 140-150 mm). Place these at the right height, taking the ground level and adjusting option on the concrete pad into account.



e. Fasten 2 wall mounting beams to the leg to create a corner structure.
f. Ensure that one of the corners is fitted with a control cable for the valance system. Feed the cable through the beam.
g. Connect the bottom support to the beam from the inside using M8x35 bolts.
h. Connect a control plug to the cable on the leg side.

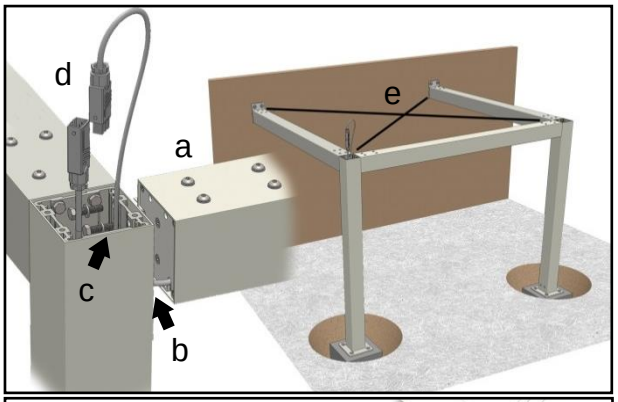


i. Slide the fitted corner assembly to the mounted wall bracket. When doing so, ensure that the control cable is drawn out through the opening in the wall bracket.
j. Fasten the beam using the 2 bolts on the top. The other 2 bolts are fastened when the cassette is placed on the system.
k. Don't yet fasten on the adjusting plate side.

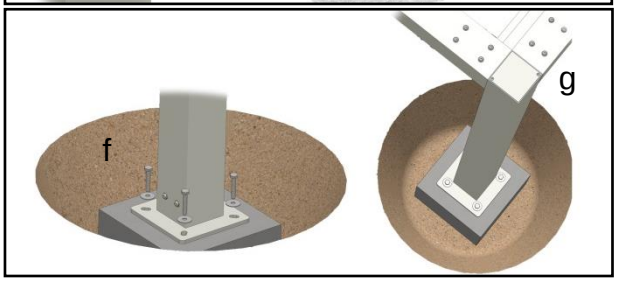


Fastening of wall bracket (continued)

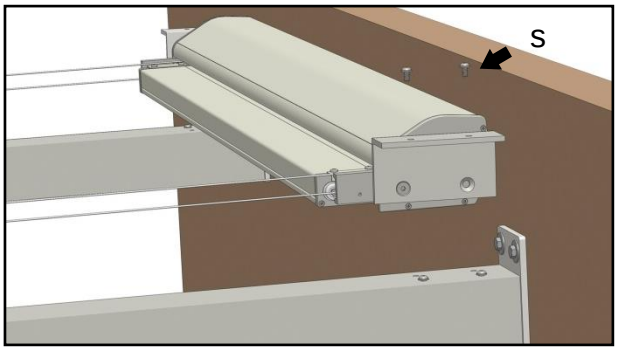
a. Place the front beam between the 2 placed corners.
b. Feed the motor cable through the hole in the leg.
c. Fasten the front beam with the M8x35 bolts. When doing so, keep the profiles closely together at the front.
d. Fasten a control plug to the motor cable. Connect the control plug and let it drop into the leg.
e. Measure the system diagonally, move the concrete pads if necessary to achieve the perfect position. Also set the exact height of the adjusting plate.



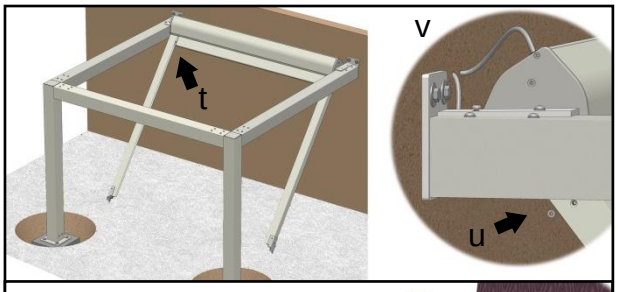
f. Fasten the adjusting plate to the concrete pad. **Make sure that water in the legs can always run away.**
g. Place covers on the legs.



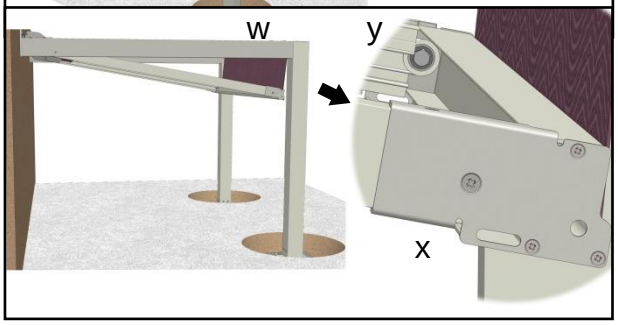
s. Place the cassette on the legs and fasten it with 2 bolts on each side.



t. Slide the guides into the cassette and allow them to drop to the floor.
u. Fasten the guide to the outside of the cassette (see drawing 2, page 9).
v. Feed the motor cable together with the drop system cable through the wall and connect these. You can also use an outdoor junction box. When connecting, allow sufficient cable space for the movement of the cassette.



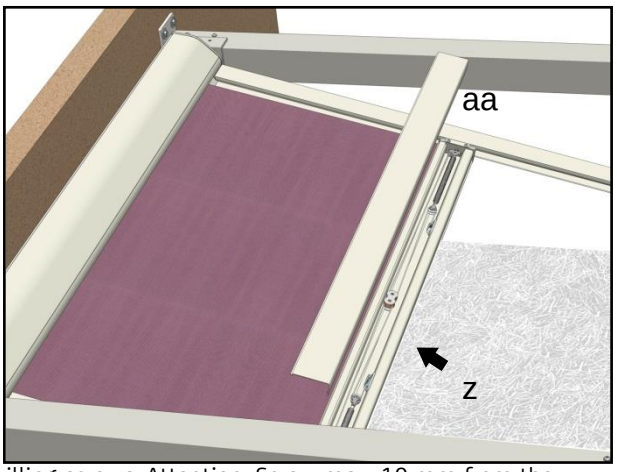
w. Allow the valance system to drop and raise the front frame guides.
x. Fasten the front frame to the ends of the guides.
y. Remove the top cover from the front profile and remove the cord from the cord clamps. Feed the cord over the front pulley wheel into the guide, making sure that cords do not cross one another.



Fastening of wall bracket (continued)

z. Feed the cord in the correct manner (see cassette assembly) through the pulleys in the front profile and fasten temporarily with the cord clamps.

aa. Leave screen halfway open and tension the cord with the cord tensioners. Then close the front profile again. When tensioning, ensure that the fabric is sufficiently taut. Approx. 25 kg manual force should be enough. **Note:** The spring may at its end position be drawn out by max. 60%. That is around 40% when tensioning.



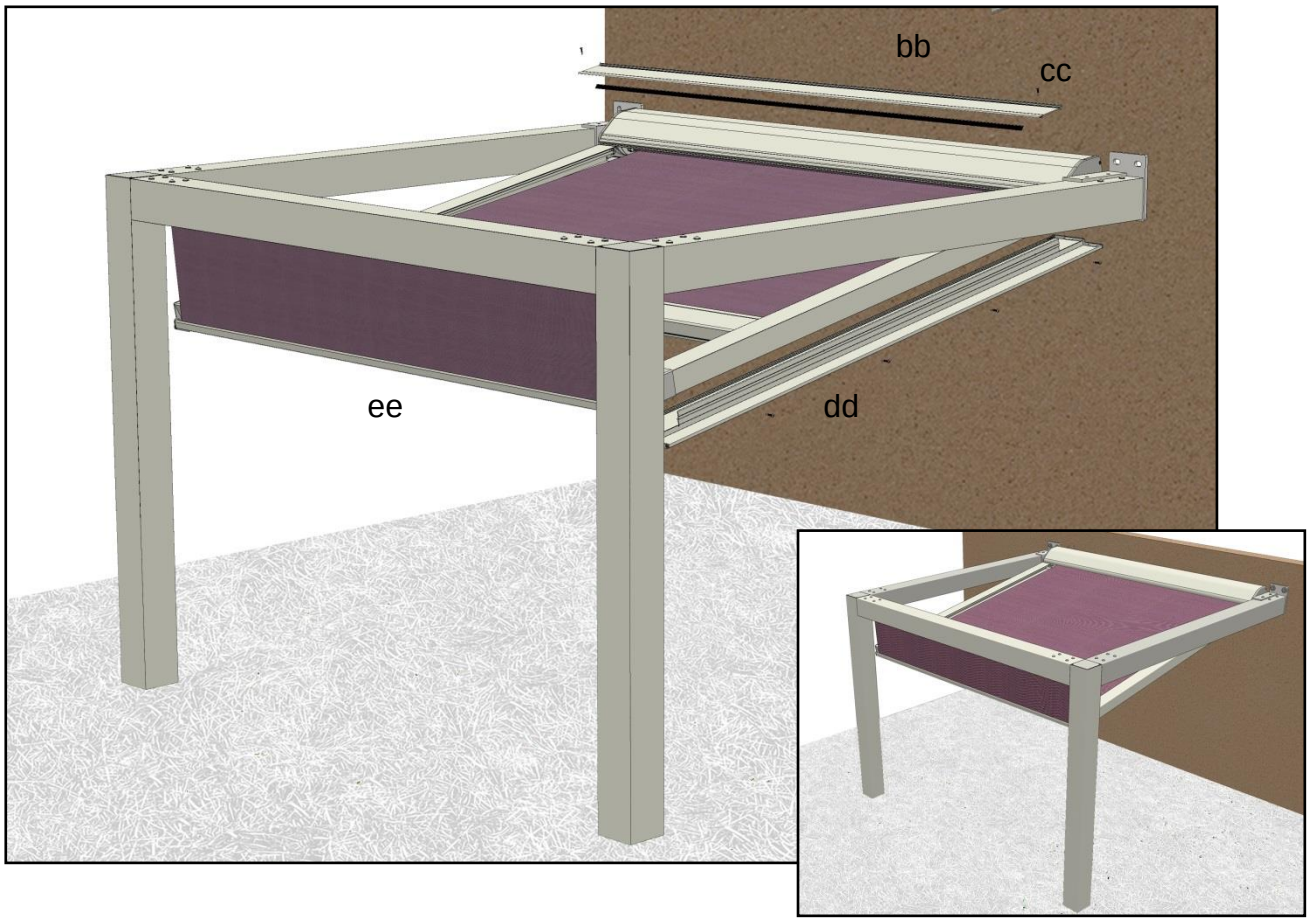
bb. *Option:* Place the water cap with brush.

cc. Fasten the water cap on the guides with the self-drilling screws. Attention: Screw max. 10 mm from the outside of the cap, so the inserted screw is not in conflict with the cord.

dd. *Option:* Place the gutter. To fasten from the outside to the guides with self-drilling screws.

ee. Adjust both fabrics according to the motor specifications.

The system is now ready for use.

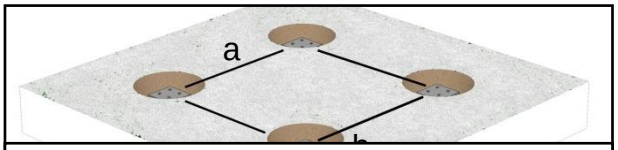


Installation instruction Cubola® Summerlight® Freestanding

Positioning of freestanding system

a. Measure the positions of the legs on the floor. Various means of floor mounting are possible, depending on the situation. For example: on concrete pads, foundation or existing floor. Mounting on concrete pads is assumed for the purposes of these instructions.

b. Dig 4 holes and place 4 concrete pads (spacing □ 140-150 mm). Place these at the right height, taking the ground level and adjusting option on the concrete pad into account.



c. Fasten 2 legs to the beam. This forms the side (motor-side) of the Cubola Summerlight through which the cables are fed.

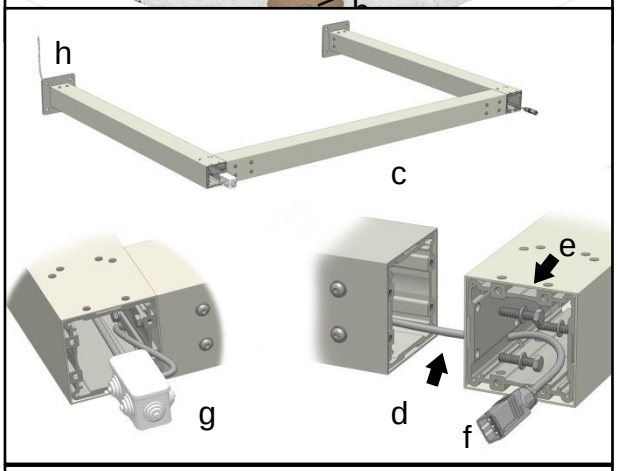
d. Ensure that a control cable for the valance system is fed through the beam.

e. Connect the legs to the beam from the inside; keep the profiles tightly together to ensure a neat seam.

f. Fasten a control plug to the cable at the front of the system.

g. The cable to a small junction box, which will later be dropped into a leg, is fed from the cassette side.

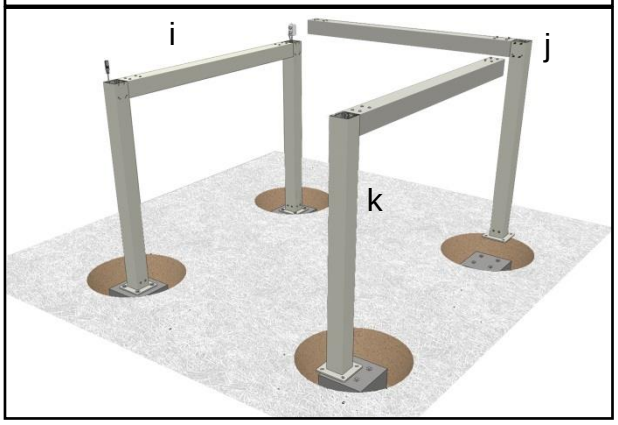
h. A cable is fed from the leg, which is connected to the mains in the junction box.



i. Place the assembled structure on 2 concrete pads, making sure that the cable is not trapped at the bottom (set adjusting plate at slight height above the floor). Fasten this structure level on the 2 concrete pads.

j. Then assemble a corner structure using a beam and a leg. No cables are fed through this. Place this corner structure on the next concrete pad and connect it to the existing assembled structure. This forms the rear structure of the system.

k. Make the next corner structure, place it on the following concrete pad and connect it to the corner structure placed earlier.
This forms the side structure, non-control side. Do not yet fasten this leg to the concrete pad.



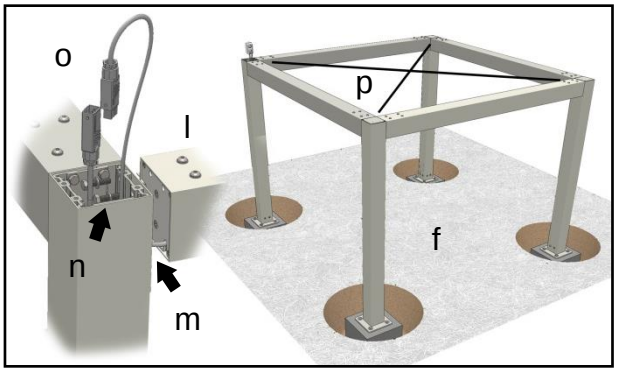
l. Place the beam between the remaining opening.

m. Feed the motor cable through the hole in the bottom support.

n. Fasten the front beam with the M8x35 bolts.

o. Fasten a control plug to the motor cable. Connect the control plug and let it drop into the leg.

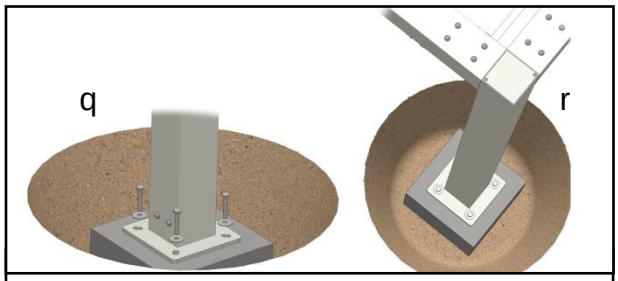
p. Measure the system diagonally, move the concrete pads if necessary to achieve the perfect position. Also set the exact height of the adjusting plate.



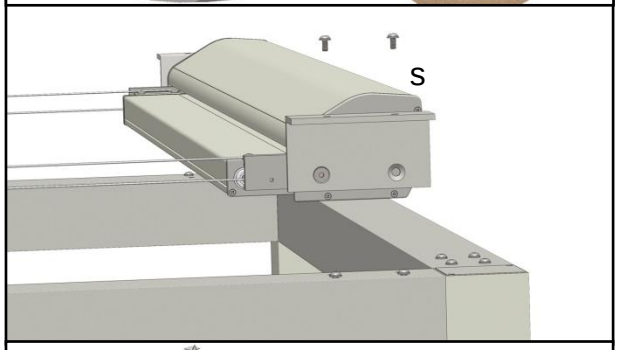
Installation instruction Cubola® Summerlight® Freestanding

Positioning of freestanding system (continued)

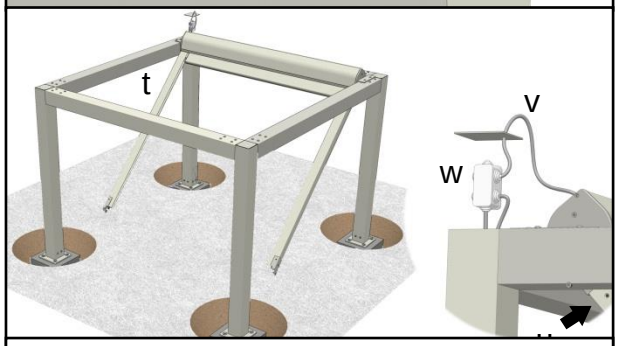
q. Fasten the adjusting plate to the concrete pad.
r. Place covers on the legs, leaving the leg with junction box and cable open for connection with the cassette.



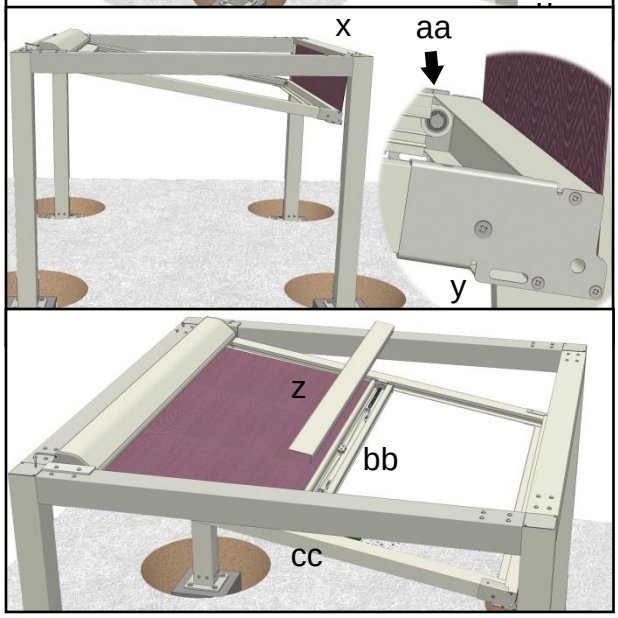
s. Remove the 2 inner bolts from the top of the beams on which the cassette will be placed. Place the cassette on the beams and fasten using the 2 removed inner bolts.



t. Slide the guides into the cassette and allow them to drop to the floor.
u. Fasten the guide to the outside of the cassette.
v. Feed the motor cable through a hole (and rushing) in the bottom plate cover.
w. Connect the motor cable together with the other cables in the junction box. Drop the junction box into the leg and fasten the bottom plate cover. Allow sufficient cable length for the movement of the cassette.



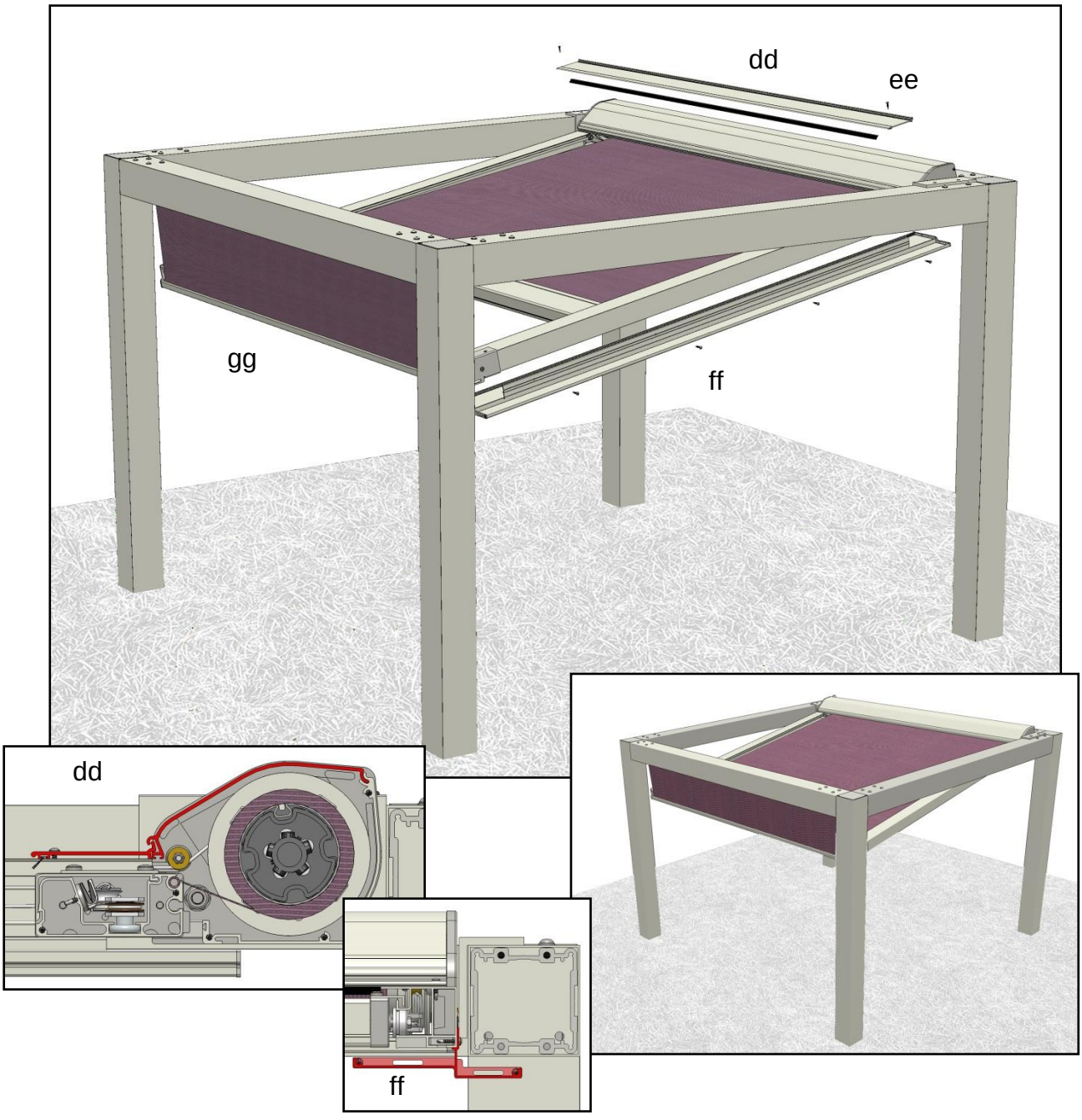
x. Allow the valance system to drop and raise the front profile guides.
y. Fasten the front profile to the ends of the guides.
z. Remove the top cover from the pulling frame and remove the cord from the cord clamps.
aa. Feed the cord over the front pulley wheel into the guide, making sure that cords do not cross one another.
bb. Feed the cord in the correct manner (see cassette assembly) through the pulleys in the pulling frame and fasten temporarily with the cord clamps.
cc. Leave screen halfway open and tension the cord with the cord tensioners. Then close the front profile again. When tensioning, ensure that the fabric is sufficiently taut. Approx. 25 kg manual force should be enough. Note: The spring may at its end position be drawn out by max. 60%. That is around 40% when tensioning



Positioning of freestanding system (continued)

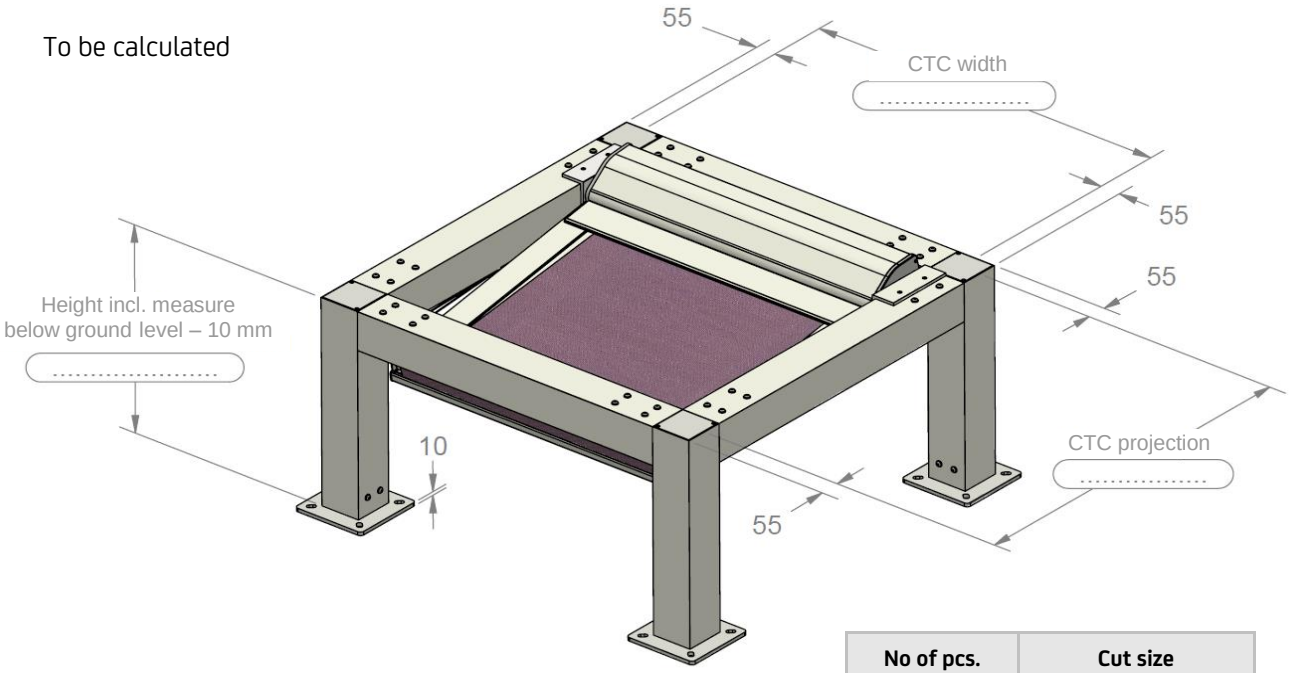
dd. *Option:* Place the water cap with brush.
ee. Fasten the water cap on the guides with the self-drilling screws. Attention: Screw max. 10 mm from the outside of the cap, so the inserted screw is not in conflict with the cord.
ff. *Option:* Place the gutter. To fasten from the outside to the guides with self-drilling screws.
gg. Adjust both fabrics according to the motor specifications.

The system is now ready for use.



Appendix cut-size list Cubola® Summerlight® freestanding

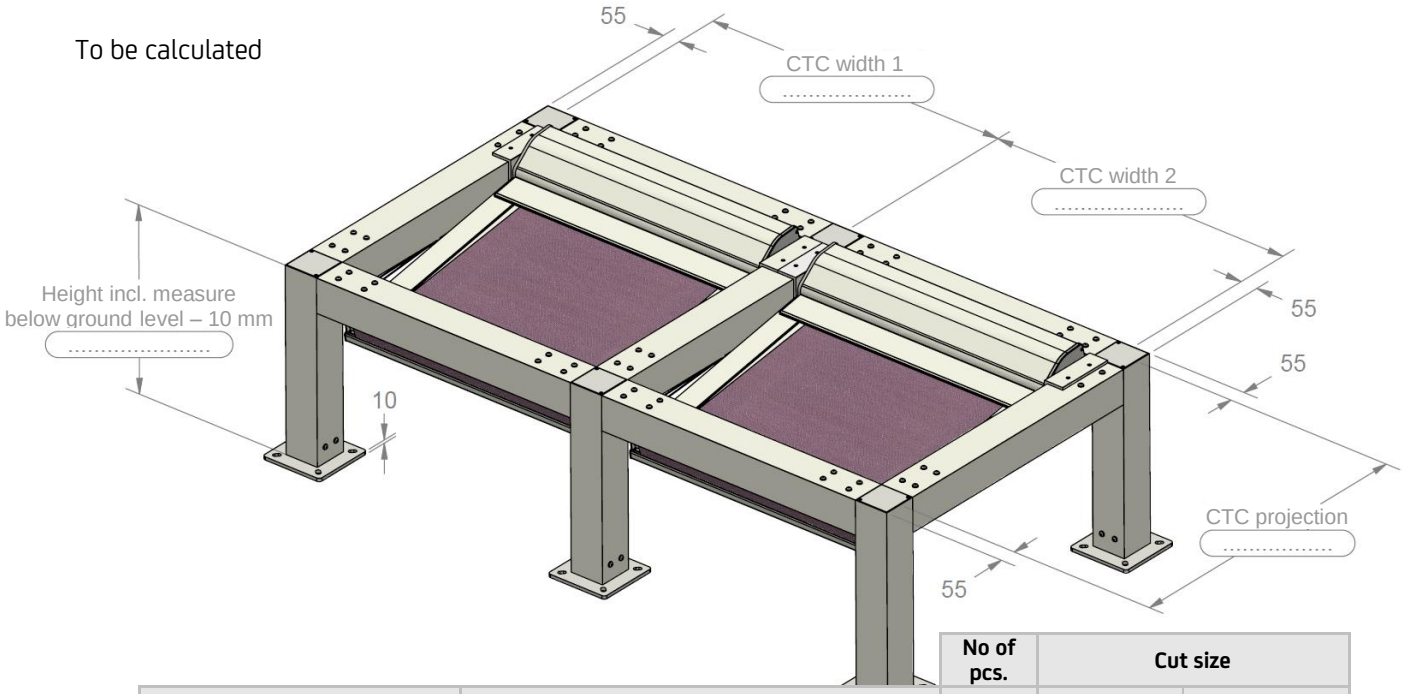
To be calculated



			No of pcs.	Cut size
CTC projection per unit		Projection **– 110** mm		
CTC width per unit		Width **– 110** mm		
Width Beam		CTC width **– 110** mm	1	
Beam		CTC width **– 110** mm	1	
Front profile		CTC width **– 132** mm	1	
Roller 78 Somfy/ASA		CTC width **– 194** mm	1	
Roller 63 Somfy/ASA		CTC width **– 160 / – 175** mm	1	
Front profile cover		CTC width **– 303** mm	1	
Front profile		CTC width **– 302** mm	1	
Bottom cover		CTC width **– 152** mm	1	
Top cover		CTC width **– 153** mm	1	
Water cap (option)		CTC projection **– 153** mm	(1)	
Projection beam		CTC projection **– 110** mm	2	
Guide		CTC projection **– 330** mm	2	
Gutter (option)		CTC projection **– 250** mm	(2)	
Leg		Height + measure below ground level **– 10** mm	4	
Fabric in cassette		CTC width **– 282** mm	1	
		CTC projection **– 110** mm		
Fabric in beam		CTC width **– 190** mm	1	
		Fixed measure **= 800** mm		

Appendix cut-size list Cubola® Summerlight® freestanding double

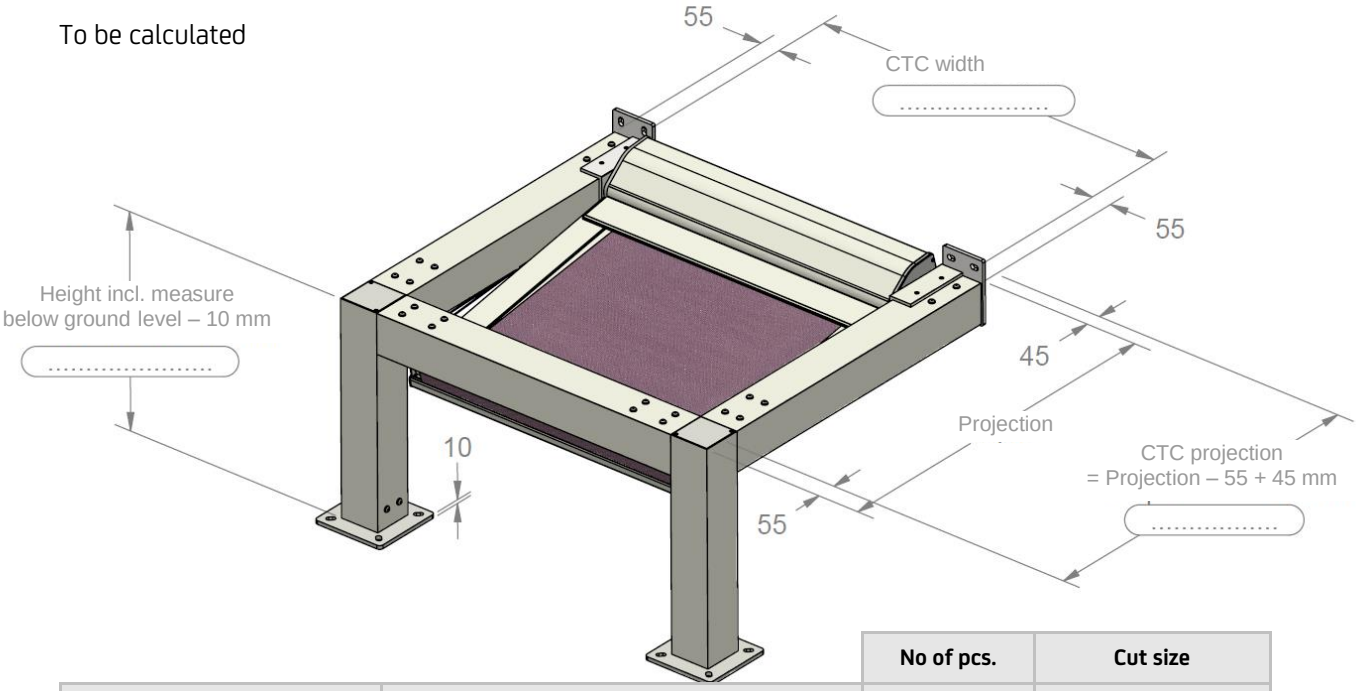
To be calculated



			No of pcs.	Cut size	
CTC projection per unit		Projection **– 110** mm			
CTC width per unit		Width **– 55** mm			
Width beam		CTC width **– 110** mm	2		
Beam		CTC width **– 110** mm	2		
Front profile		CTC width **– 132** mm	2		
Roller 78 Somfy/ASA		CTC width **– 194** mm	2		
Roller 63 Somfy/ASA		CTC width **– 160 / – 175** mm	2		
Front profile cover		CTC width **– 303** mm	2		
Front profile		CTC width **– 302** mm	2		
Bottom cover		CTC width **– 152** mm	2		
Top cover		CTC width **– 153** mm	2		
Water cap (option)		CTC projection **– 153** mm	(2)		
Projection beam		CTC projection **– 110** mm	3		
Guide		CTC projection **– 330** mm	4		
Gutter (option)		CTC projection **– 250** mm	(4)		
Leg		Height + measure below ground level **– 10** mm	6		
Fabric in cassette		CTC width **– 282** mm	2		
		CTC projection **– 110** mm			
Fabric in beam		CTC width **– 190** mm	2		
		Fixed measure **= 800** mm			

Appendix cut-size list Cubola® Summerlight® wall-mounted

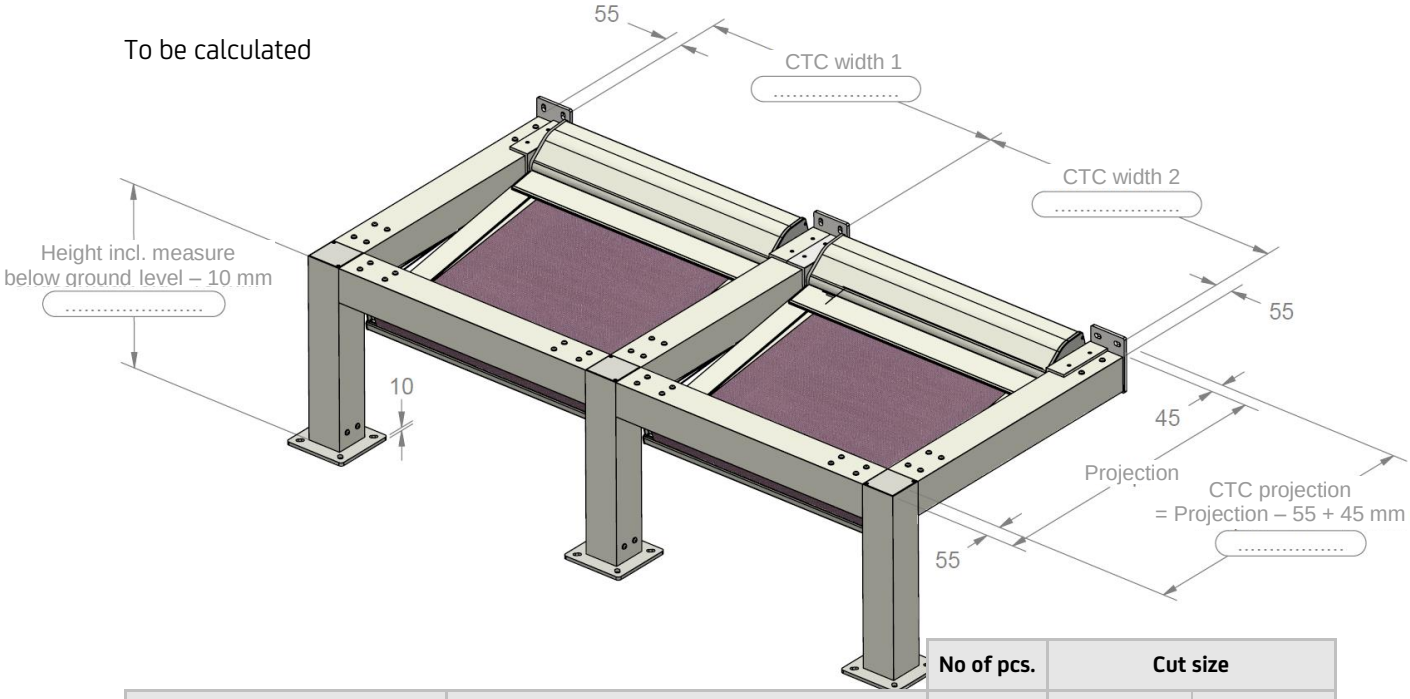
To be calculated



			No of pcs.	Cut size
CTC projection per unit		Projection **– 10** mm		
CTC width per unit		Width **– 110** mm		
Front beam		CTC width **– 110** mm	1	
Front profile		CTC width **– 132** mm	1	
Roller 78 Somfy/ASA		CTC width **– 194** mm	1	
Roller 63 Somfy/ASA		CTC width **– 160 / – 175** mm	1	
Front profile cover		CTC width **– 303** mm	1	
Front profile		CTC width **– 302** mm	1	
Bottom cover		CTC width **– 152** mm	1	
Top cover		CTC width **– 153** mm	1	
Water cap (option)		CTC projection **– 153** mm	(1)	
Depth beam		CTC projection **– 110** mm	2	
Guide		CTC projection **– 330** mm	2	
Gutter (option)		CTC projection **– 250** mm	(2)	
Leg		Height + measure below ground level **– 10** mm	2	
Fabric in cassette		CTC width **– 282** mm	1	
		CTC projection **– 110** mm		
Fabric in beam		CTC width **– 190** mm	1	
		Fixed measure **= 800** mm		

Appendix cut-size list Cubola® Summerlight® wall-mounted double

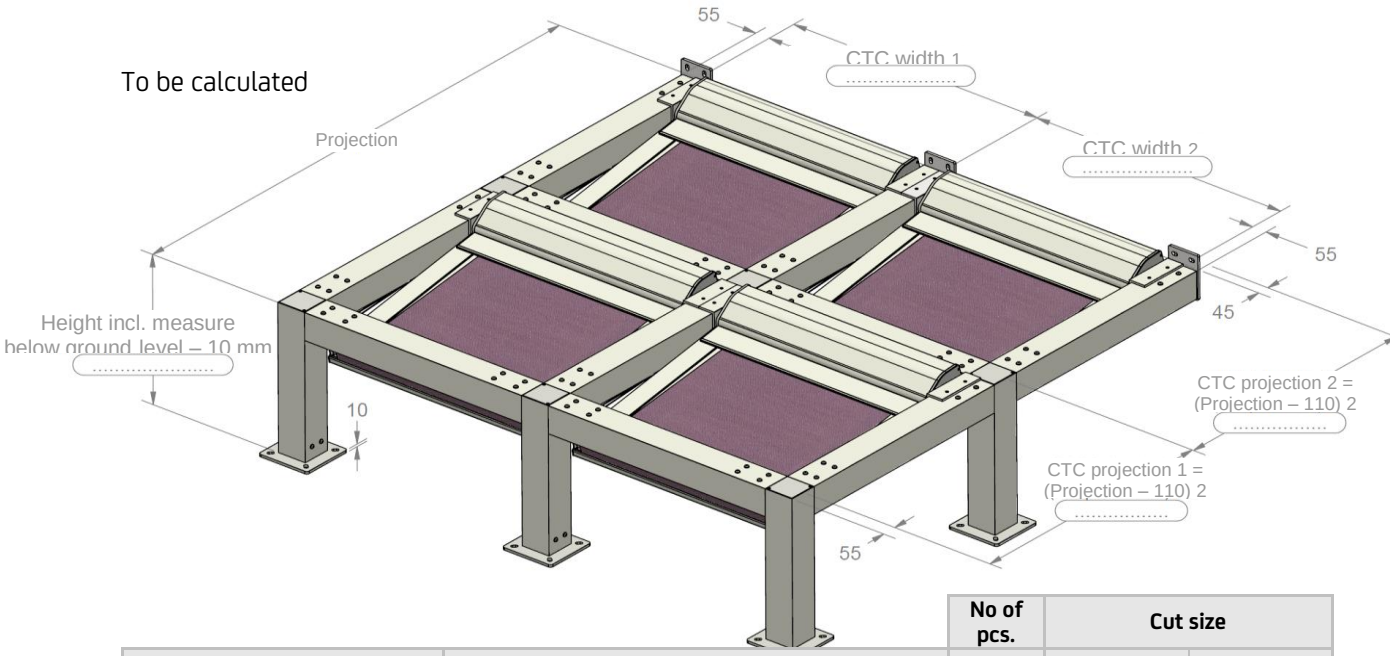
To be calculated



			No of pcs.	Cut size	
CTC projection per unit		Projection **– 10** mm			
CTC width per unit		Width **– 55** mm			
Front beam		CTC width **– 110** mm	2		
Front profile		CTC width **– 132** mm	2		
Roller 78 Somfy/ASA		CTC width **– 194** mm	2		
Roller 63 Somfy/ASA		CTC width **– 160 / – 175** mm	2		
Front profile cover		CTC width **– 303** mm	2		
Front profile		CTC width **– 302** mm	2		
Bottom cover		CTC width **– 152** mm	2		
Top cover		CTC width **– 153** mm	2		
Water cap (option)		CTC projection **– 153** mm	(2)		
Depth beam		CTC projection **– 110** mm	3		
Guide		CTC projection **– 330** mm	4		
Gutter (option)		CTC projection **– 250** mm	(4)		
Leg		Height + measure below ground level **– 10** mm	3		
Fabric in cassette		CTC width **– 282** mm	2		
		CTC projection **– 110** mm			
Fabric in beam		CTC width **– 190** mm	2		
		Fixed measure **= 800** mm			

Appendix cut-size list Cubola® Summerlight® other configurations

To be calculated



			No of pcs.	Cut size	
CTC projection per unit		Projection **– 110** mm or projection **– 10** mm (wall)			
CTC width per unit		Width **– 55** mm			
Width beam		CTC width **– 110** mm			
Beam		CTC width **– 110** mm			
Front profile		CTC width **– 132** mm			
Roller 78 Somfy/ASA		CTC width **– 194** mm			
Roller 63 Somfy/ASA		CTC width **– 160 / – 175** mm			
Front profile cover		CTC width **– 303** mm			
Front profile		CTC width **– 302** mm			
Bottom cover		CTC width **– 152** mm			
Top cover		CTC width **– 153** mm			
Water cap (option)		CTC projection **– 153** mm			
Depth beam		CTC projection **– 110** mm			
Guide		CTC projection **– 330** mm			
Gutter (option)		CTC projection **– 250** mm			
Bottom support		Height + measure below ground level **– 10** mm			
Fabric in cassette		CTC width **– 282** mm			
		CTC projection **– 110** mm			
Fabric in beam		CTC width **– 190** mm			
		Fixed measure **= 800** mm			