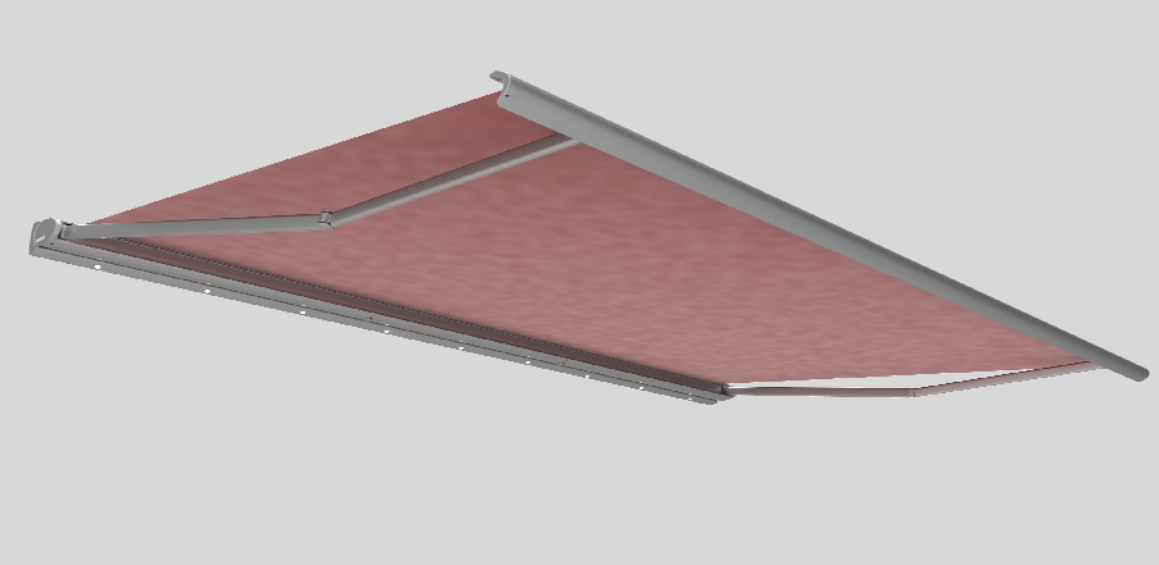
Cassita II / Cassita II LED

Folding arm awning with gear drive or electric drive

ENGLISH



Please read these instructions and observe their contents and warnings before commencing any assembly work. This information is critical to the installation and the proper use of the material.

Follow the assembly steps precisely and observe the tips, notes and recommendations.

Only trained personnel may put the units into operation.

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Contents

1 Notes on assembly instructions

These instructions are geared towards trained fitters and require knowledge of installation techniques. Awnings may only be installed by specially qualified personnel with corresponding installation experience.

1.1 Validity of these instructions

The awnings have been approved for export and Germany.

1.2 CE mark

We, weinor GmbH & Co. KG, hereby expressly confirm that the awning complies with the fundamental requirements and other relevant stipulations of the EN standards.

CE weinor GmbH & Co. KG Mathias-Brüggen-Straße 110 50829 Cologne (Germany) 13
EN 13 561 Awning for outdoor use Wind resistance class: Class 2

1.3 Depiction

1.3.1 Warnings

The warnings differentiate between personal injury and damage to property. The signal word "Danger" is used for personal injury, and "Caution" for property damage.

DANGER	Immediate danger to life and limb!
CAUTION	Immediate danger to the product and environment!

1.3.2 Tips and recommendations

	Highlights useful tips and information that enable fast and correct assembly.

1.3.3 Illustrations

Notes on item numbers can be found in the text in parentheses, e.g. **(1)**.

1.3.4 Instructions requiring action

Instructions requiring action are written in bold print. If the instruction requiring action consists of several individual steps, these have been numbered in the order in which they are to be carried out, e.g. :

1.	**Fit wall brackets**
	1. Measure the distance between the stops. 2. Align the brackets exactly using suitable tools/aids.

1.3.5 Symbols used

Symbol	Explanation	Remarks
X	Incorrect	Change required settings
✓	Correct	Leave settings unchanged.

2 Safety notes

DANGER

Personal injury

Risk of personal injury due to improperly installed awning.

► **Please read and observe the safety notes contained in this section.**

CAUTION

Product and property damage

Risk of damage to the product and property due to improperly installed awning.

► **Please read and observe the safety notes contained in this section.**

2.1 Fundamental safety notes

- The assembly and operating instructions must be read and observed.
- Observe the corresponding accident prevention regulations.
- Ensure when installing the awning that all existing electrical connections are disconnected.
- Cordon off a large space around the installation site.
- Check that all scaffolding and building facilities are duly safe and secure.
- Observe the stipulations relating to dowels and fixing materials.
- Only work with fully intact and appropriate tools.
- Keep plastic sheeting, packaging material and small parts away from children – risk of suffocation!

2.2 Qualifications

The assembly instructions are aimed at qualified technicians who have knowledge of and are experienced in the following areas:

- Safety at work, operating safety and accident prevention regulations
- Use of ladders and scaffolding
- Handling and transporting long, heavy components
- Handling and transporting glass panes
- Handling tools and machines
- Fitting the fixing materials
- Assessment of building fabric
- Start-up and operation of the product.

If one of these qualifications is lacking, a qualified assembly firm must be brought in.

2.2.1 Working with electricity

In accordance with VDE 100 safety regulations, electrical work may only be carried out by an authorised electrician. The installation instructions accompanying the supplied electrical equipment must be observed.

2.3 Transportation

The maximum permissible axle loads and gross vehicle weight of the goods vehicles must not be exceeded. Loading a vehicle can alter its handling characteristics.

The transported goods must be fastened properly and safely. Keep packaging dry. Softened packaging can come loose and cause accidents. Packaging which has been opened for goods inward purposes must be sealed again properly for further transport.

When unloaded, the awning must be carried to the place of installation the right way round so it does not have to be turned round again in a confined space. The instructions on the packaging about which way up the awning should be placed must be noted.

2.4 Lifting with ropes

If the awning needs to be raised to a higher level using ropes, the awning must be:
- removed from the packaging;
- attached to the ropes so that it cannot slide out;
- lifted horizontally and evenly.

The same applies when disassembling the awning.

2.5 Mounting brackets

Before beginning the installation work, check

- that the mounting brackets supplied are of the same type and of the same quantity as ordered,
- that the information provided in the order about the installation surface tallies with the actual installation surface on site.

If any deviations should be found whatsoever which compromise the safety of the installation, the installation work must not be carried out.

2.6 Fixing material

The awning complies with the requirements of the wind resistance class shown on the CE conformity marking. When fitted, it only complies with these requirements provided that
- the awning is fitted with the type and number of brackets recommended by the manufacturer, and
- the awning is fitted taking into account the extraction forces recommended by the manufacturer, and
- the manufacturer's recommendations for the dowels to be used have been complied with.

2.7 Ladders

Do not lean ladders against the awning or fix them to the awning. Ladders must be on a firm base and provide adequate support. Only use ladders with adequate load-bearing capacity.

2.8 Anti-fall guards

Workers run the risk of falling when working at elevated heights. Suitable anti-fall guards must be used.

2.9 Electrical connection

The awning may only be connected to an electricity supply if the specifications provided on the tag attached to the awning and/or the specifications provided in the supplied assembly instructions tally with the power source. At the very least, the tag and/or specifications must specify the voltage, frequency and output values.
The installation instructions accompanying the supplied electrical components must be observed. A permanent electrical connection may only be made to power grids fitted with an all-pole disconnector with a minimum 3 mm wide contact gap.

2.10 Intended use

The awning is a sun protection unit and may only be used for sun protection. Failure to use the product as intended may result in severe danger.

Alterations such as attaching items, or conversions not envisaged by weinor may only be carried out with weinor's written consent.

Additional loads on the awning caused by hanging objects from it or by anchoring ropes may result in damage or cause the awning to fall and are therefore not permissible.

2.11 Unsupervised operation

When working in the range of the awning’s movement, the automatic controls must be switched off. There is a danger of trapping or the awning falling down.

Measures must also be taken to ensure that the awning cannot unintentionally be operated. These involve powering down the unit, e.g. by disconnecting the fuses or removing the connector coupling from the drive.

If awnings are operated by several users, a priority locking device must be installed (controlled interruption of the power supply from outside), making it impossible to open or retract the awning at all.

2.12 Test run

When running the awning for the first time, the working range of the awning and the area below it must be kept clear. A visual inspection of the fixings and brackets must be performed after the awning has been operated for the first time.
When carrying out test runs, never use automatic controls or switches if the awning is not in the operator's line of vision (danger of awning starting unintentionally). We recommend that you connect a test cable to the motor input.

The installation and setting instructions supplied by the manufacturer of the drive, switches and controls must be observed.

2.13 Crushing and cutting zones

Beware of crushing and cutting zones between e.g. the drop profile and the housing, between the folding arms, and between profiles which come into contact with each other. Beware of clothing and/or limbs getting caught in the system and pulled in!

If the awning is installed at a height of less than 2.5 metres above areas accessed by people, the awning may only be operated using a push button with all moving parts in sight. Electrical controls, wireless controls with latch switches, latch switches, etc. are not permissible here.

The push button must be fitted in the line of sight of the drop profile, but far enough removed from the moving parts, at a height of 1.5 metres (national regulations relating to disabled people must be observed).

2.14 Handover

All operating instructions as well as the manufacturer's assembly and setting instructions for drives, switches and controls must be handed to the user who must be instructed in the operation of the unit. Detailed instruction on the safe and proper operation of the awning must be given. If this is not adhered to and the awning is operated incorrectly, damage to the awning or accidents could result.

The instructions must be kept by the customer and passed on to the new owner if ownership of the awning passes to a third party.

After noting the on-site structural conditions and completing assembly, the installation firm is to inform the user whether the wind resistance class given by the manufacturer was achieved when the awning was assembled. If not, the installation firm must record the wind resistance class actually achieved.

Automatic controls must be set to this level.

The customer must confirm to the fitter in writing that the awning is the right model and has been installed correctly, indicating the assembly time, and that final acceptance of the awning has taken place during which the safety issues were discussed (see Handover section).

3 List of Tools

Good tools are the key to ensuring productivity and making certain that the quality of the assembly work is good. The following is a list of the minimum tools that we recommend you have available for installing your weinor awning under “normal” building conditions

Tool	Size	Use
Tools/machines		
Allen key	SW 4 SW 6 SW 8	To set the projection for the free-wheeling mechanism To adjust the arm position on the drop profile To fasten the clamp part To set the height adjustment for the ceiling To adjust the inclination
Open-end or ring spanner	SW 19	To fasten the brackets
Phillips screwdriver	2	To mount the wall bracket cover caps
Power drill, bits		To drill screw holes
Clamps		To tension the cord during rafter bracket installation
Cable reel	as required	
Ladder	as required	
Measuring and testing tools		
Tape measure		To measure the bracket position To measure the installation height and the width of the unit
Spirit level, rope or mason's cord		To align the unit
Installation tools		
Touch-up pencils[1)]		For touch-up work
Pencils		For tracing / marking
Test run cable		To set/adjust the drive, for test runs
Protective clothing		
Safety shoes		To protect against falling parts
Protective gloves		To protect against sharp edges on profiles and components

[1)] Supplied by weinor.

4 Product description

4.1 Schematic diagram

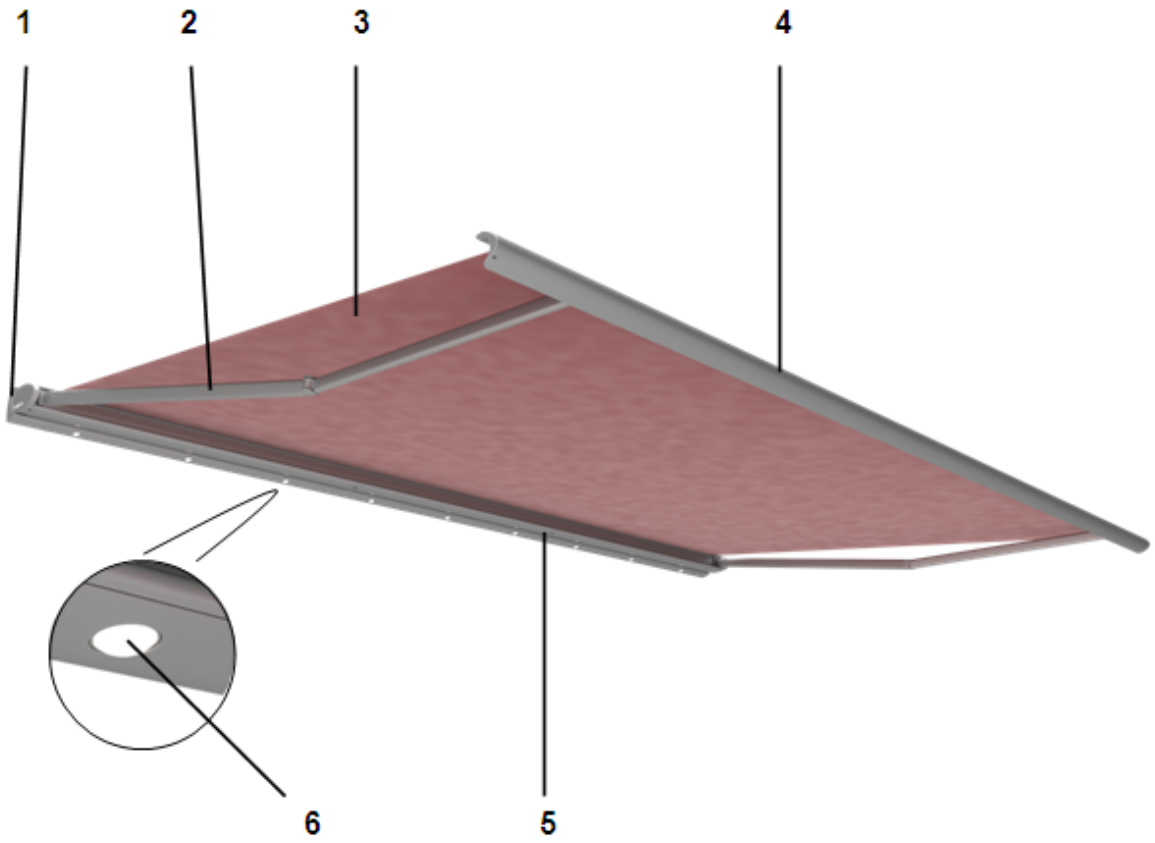


Figure 1: Schematic diagram of Cassita II/Cassita II LED

1	Wall bracket	4	Drop profile
2	LongLife arm S	5	Housing floor profile
3	Fabric	6	LED spotlight

5 Assembly

5.1 Safety notes

DANGER

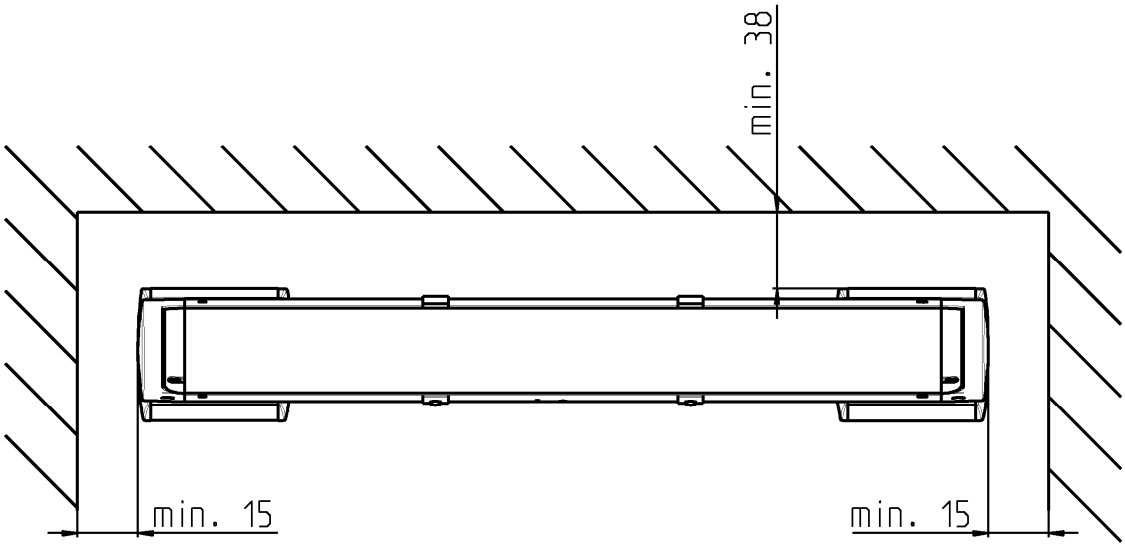
Beware of missing or incorrect brackets as well as incorrect assessment of installation surface.

Check before beginning the assembly work

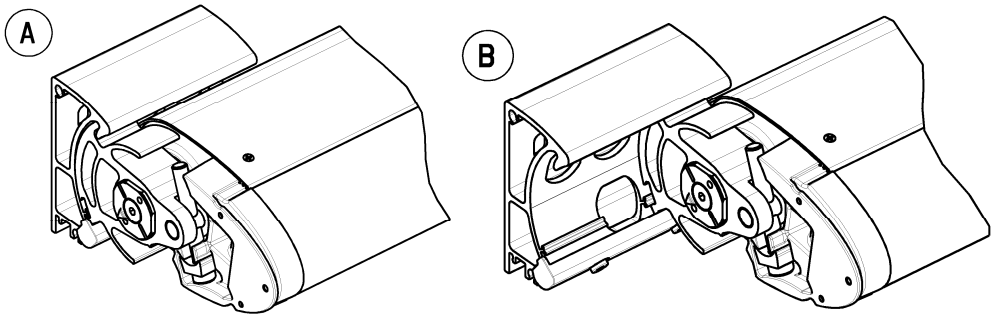
- that the mounting brackets supplied are of the same type and of the same quantity as ordered,
- that the information provided in the order about the installation surface tallies with the actual installation surface on site.

► **If any deviations are found, which pose a safety risk, do not carry out the assembly work.**

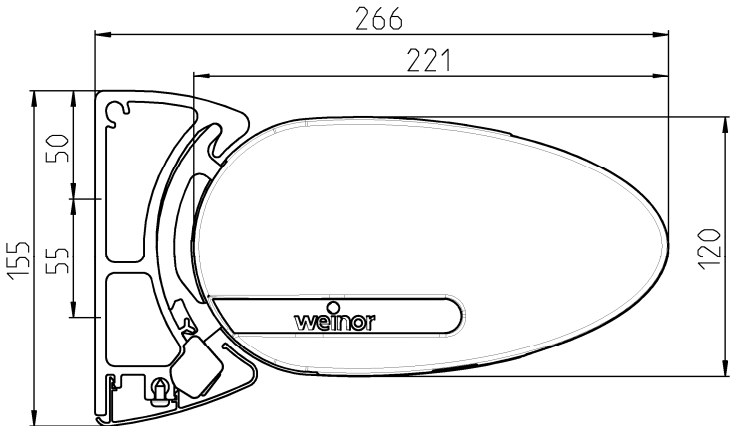
Fitting the Cassita II under the ceiling requires at least 38 mm of space.



The adjusting bracket should be installed flush with the wall bracket as standard **(A)**.
It may be pushed into the bracket by a maximum of 100 mm **(B)**.



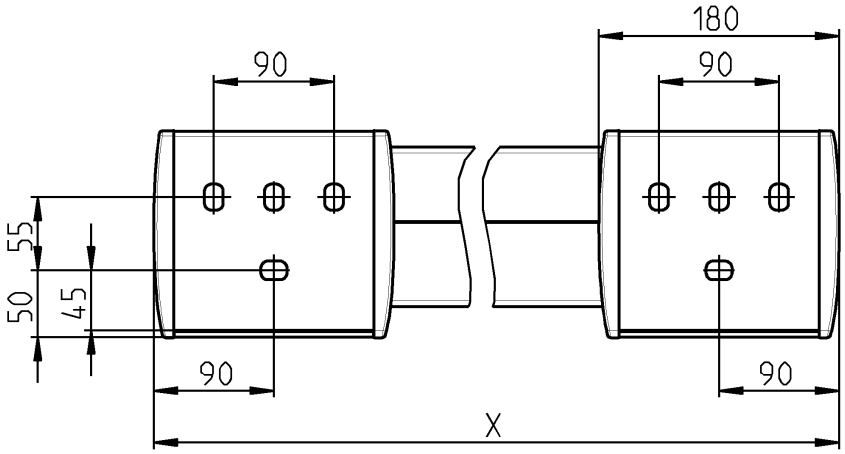
5.2 Wall mounting

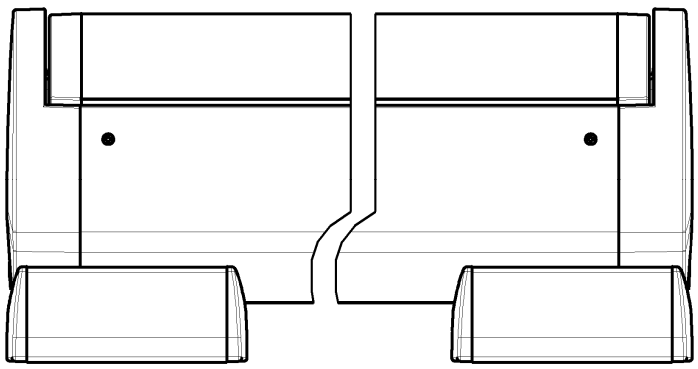


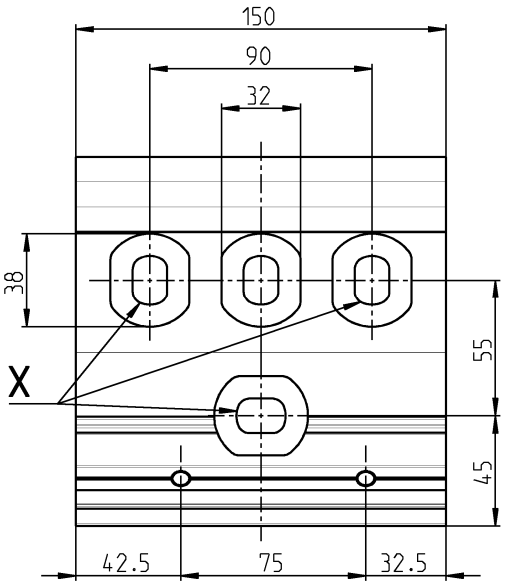
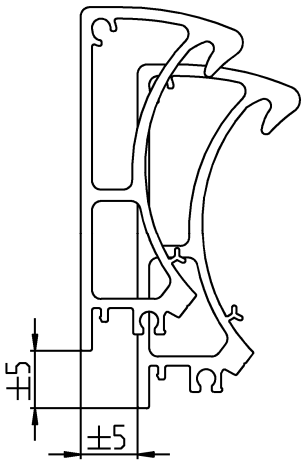
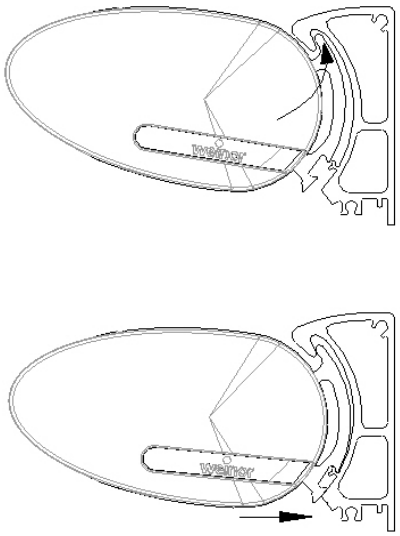
5.2.1 Wall mounting using a 150 mm wall bracket

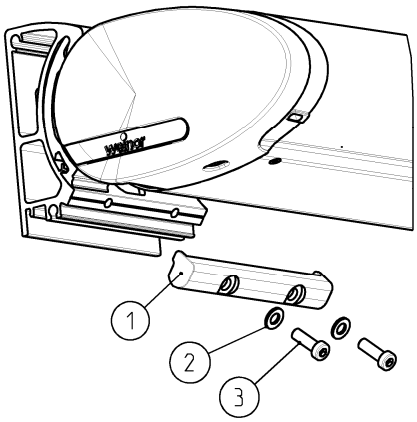
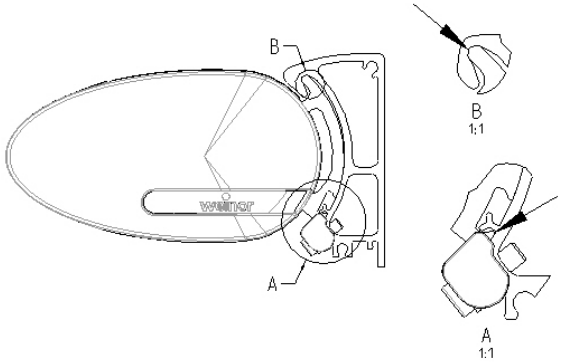
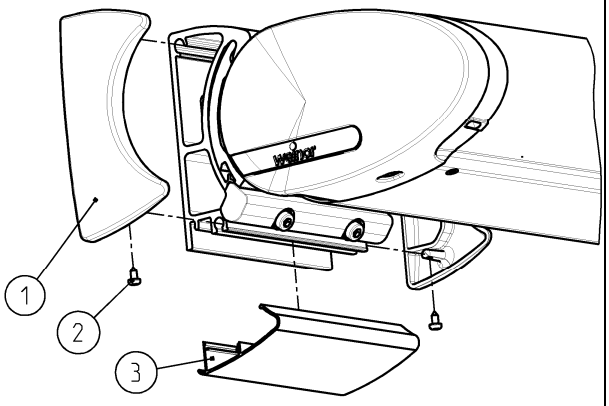
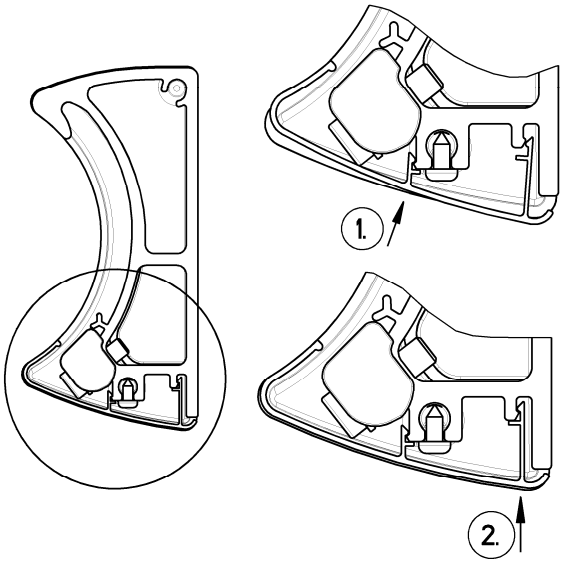
1. Fit wall brackets

1. Refer to the awning delivery note for the system width **(X)**.
2. The system width **(X)** of 180 mm equates to the centred spacing of the brackets. Brackets can be indented by 100 mm; align brackets exactly using suitable tools/aids (e.g. mason's cord) and a spirit level.

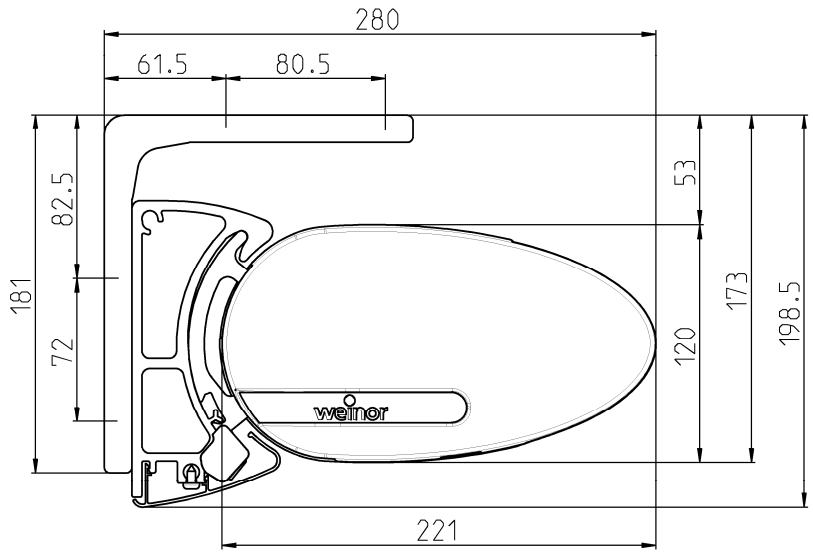




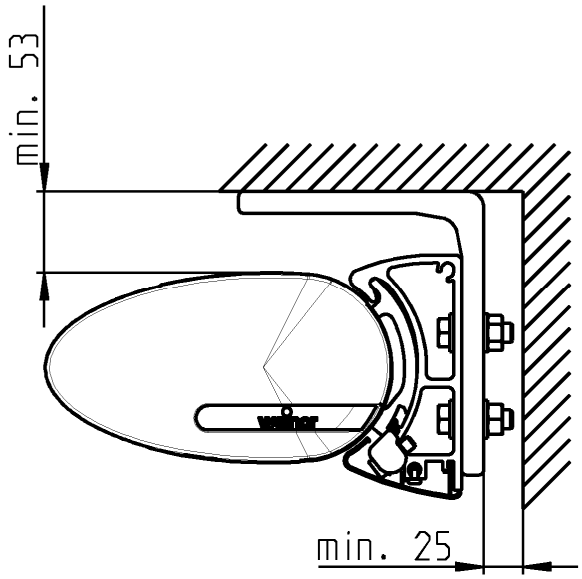
	3. Mark holes to be drilled **(X)**, drill holes and mount brackets on wall. Affix each bracket using 3 screws.	
2.	**Check bracket alignment** 1. Check that the brackets are fitted flush 2. Check that the brackets are aligned to the right height and depth; max. permissible deviation (e.g. due to ripples in the wall) ± 5 mm Shim underneath if necessary.	
3.	**Attach the awning** 1. Screw the awning into the bracket stud; the awning must rest on the nose of the wall bracket.	

4.	**Mount clamp part on wall bracket** 1. Using the hexagonal socket head screws **(3)** and shims **(2),** mount the clamp part **(1)** on the wall bracket.	 
5.	**Mount wall bracket cover caps and wall bracket cover profile** 1. Using the self-tapping screws **(2)**, attach the wall bracket cover caps **(1)** to the wall bracket the right way round. 2. Mount the cover profile wall bracket **(3)** to the wall bracket.	 

5.3 Ceiling installation

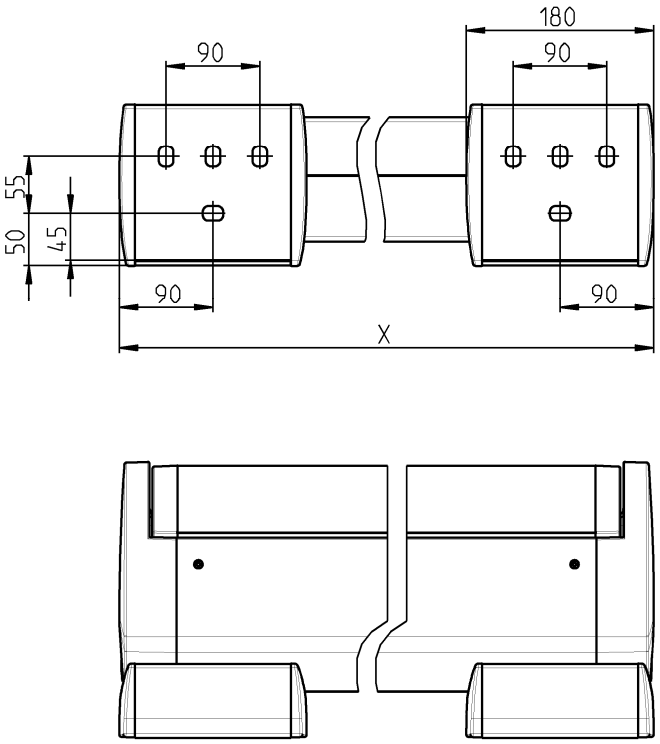


A space of at least 25 mm from the back of the wall is needed to be able to install the wall bracket on the ceiling angle without difficulty at a later stage.

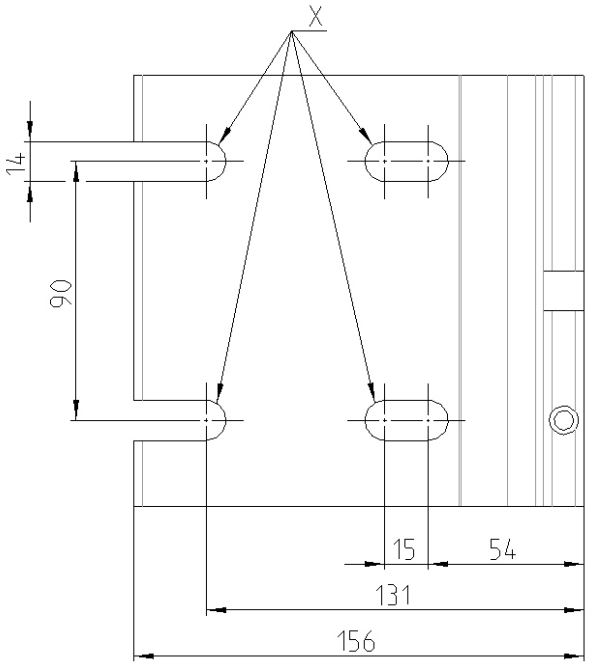


1. Fit ceiling angle

1. Refer to the awning delivery note for the system width **(X)**.
2. The system width **(X)** of 180 mm equates to the centred spacing of the brackets. Brackets can be indented by 100 mm; align brackets exactly using suitable tools/aids (e.g. mason's cord) and a spirit level.

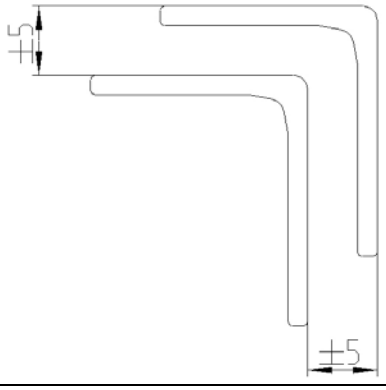


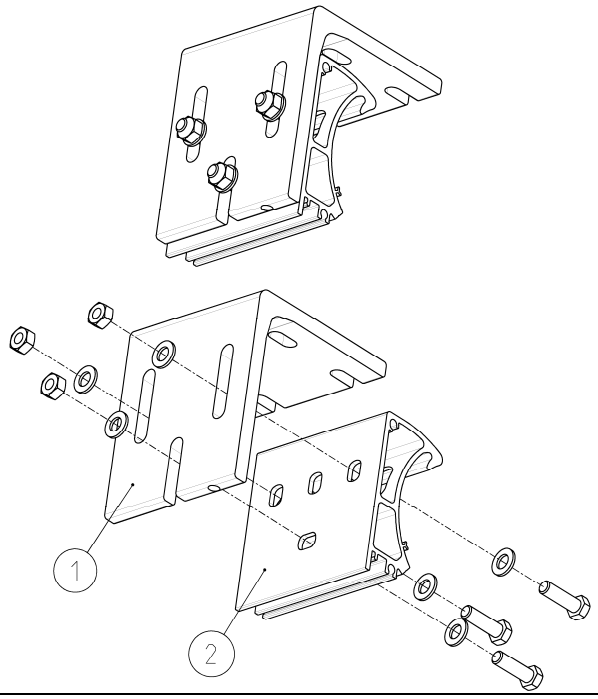
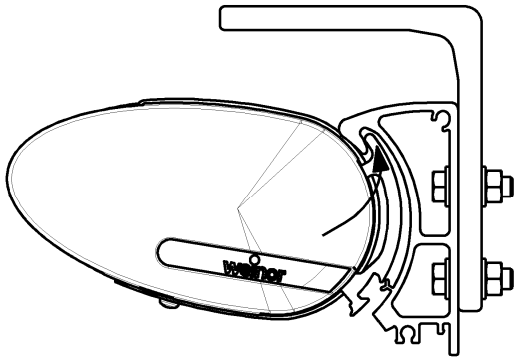
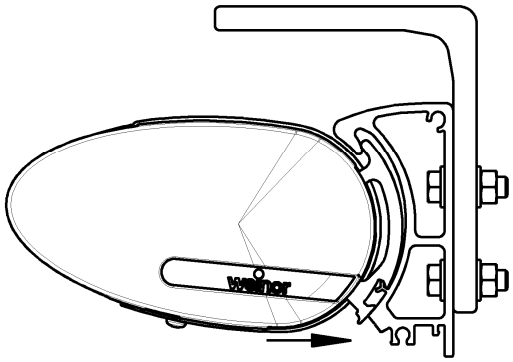
3. Mark where holes are to be drilled **(X)** (first the front 2, then the back 2), drill the holes and fit the ceiling angle to the ceiling.

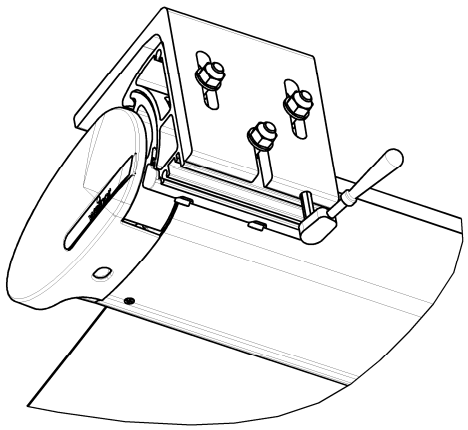
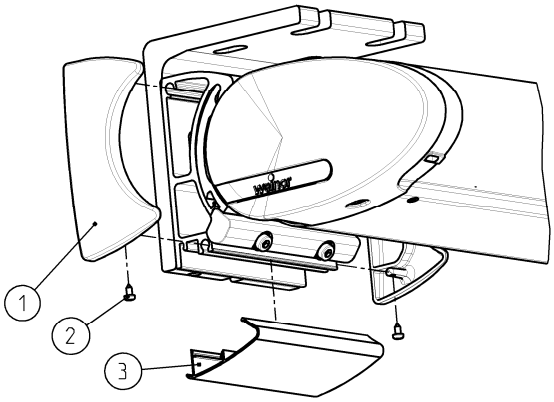
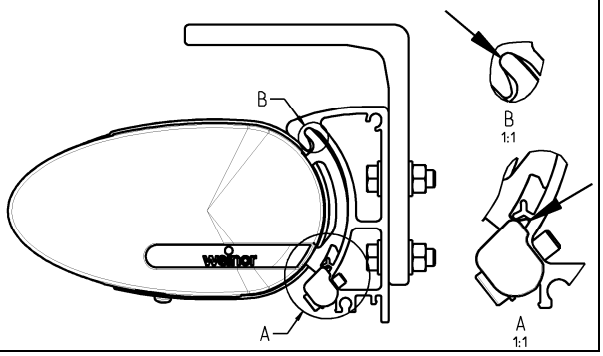


2. Check bracket alignment

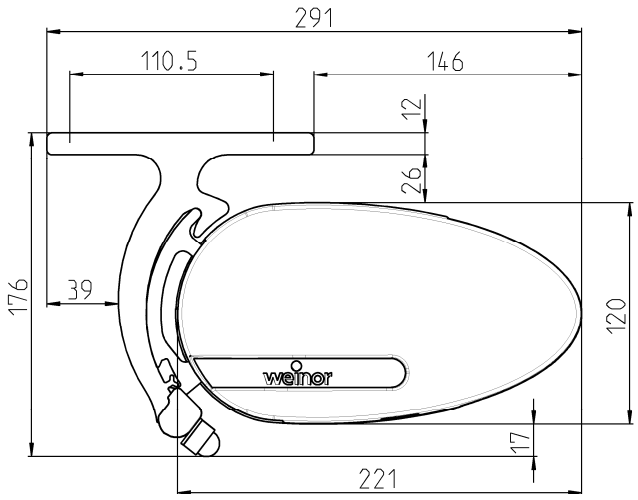
1. Check the brackets are at the correct height and aligned flush, and adjust if necessary.

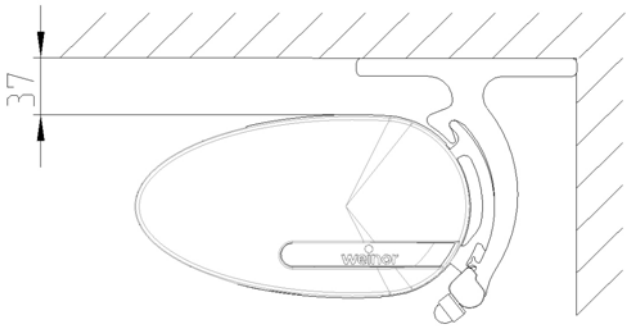


3.	**Mount the wall bracket** 1. Using the screws, partially screw the wall bracket **(2)** to the ceiling angle **(1)**. The wall bracket is in the lower position on the ceiling angle.	
4.	**Fit awning**	 
5.	**Mount clamp part on wall bracket**	

6.	**Screw wall bracket in place** 1. Turn the grub screws clockwise as far as they will go until they are fully tight on the awning. 2. Tighten the M12 screws.	
7.	**Mount wall bracket cover caps and wall bracket cover profile** 1. Mount the cover caps **(1)** using the screws **(2)**. 2. Mount the wall bracket cover profile **(3)**.	 

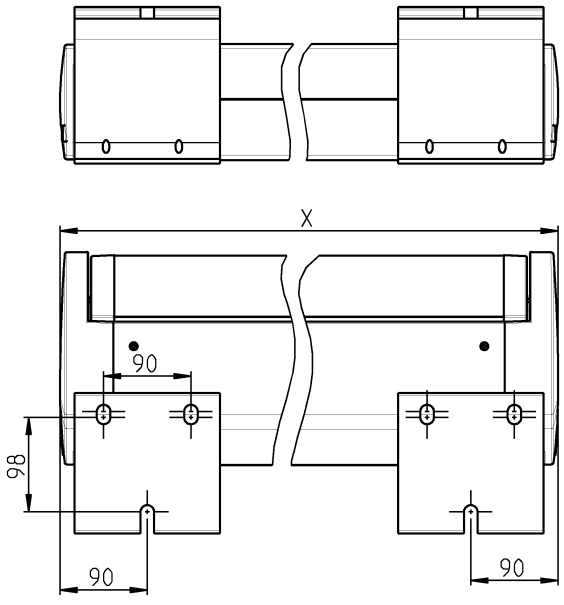
5.3.1 Ceiling installation using compact ceiling angle

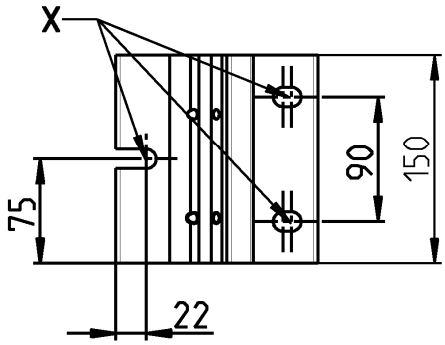
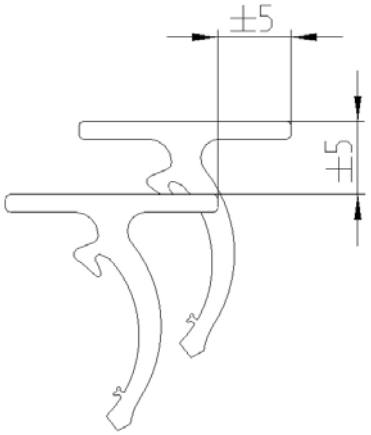
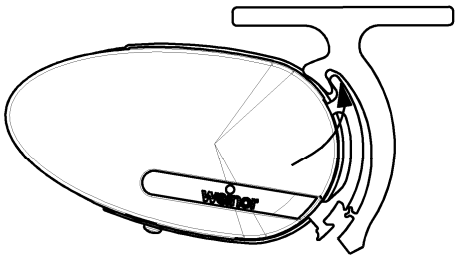
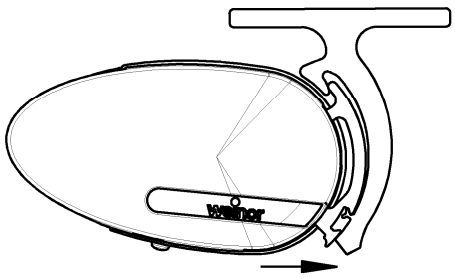


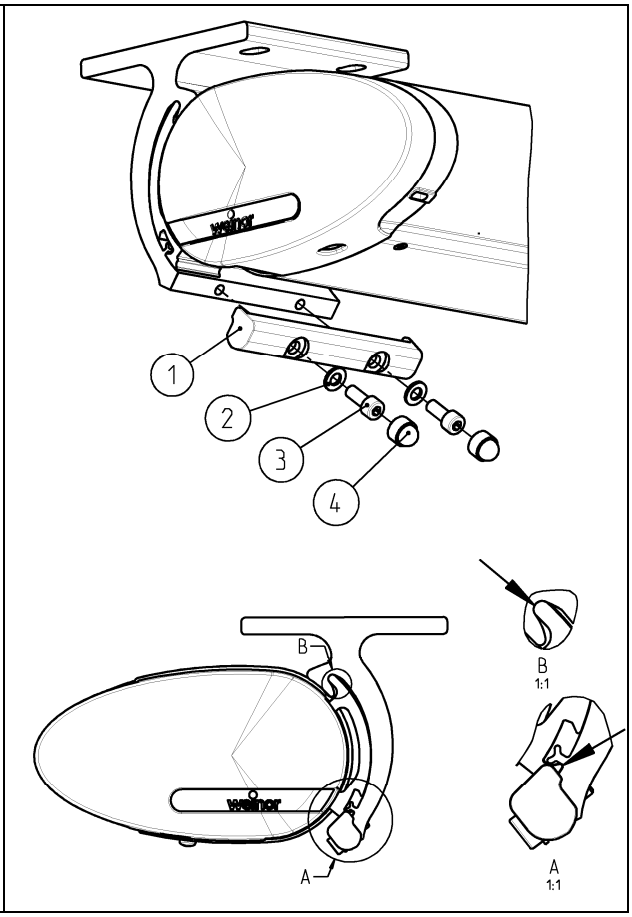


1. Fit the compact ceiling angle

1. Refer to the awning delivery note for the system width **(X)**.
2. The system width **(X)** of 180 mm equates to the centred spacing of the brackets. Brackets can be indented by 100 mm; align brackets exactly using suitable tools/aids (e.g. mason's cord) and a spirit level.



	3. Mark where holes are to be drilled **(X)**, drill the holes and install the compact ceiling angle on the ceiling.	
2.	**Check bracket alignment** 1. Check the brackets are aligned flush, and adjust if necessary.	
3.	**Attach the awning**	 

4.	**Mount clamp part on compact ceiling angle** 1. Using the hexagonal socket head screws **(3)** and shims **(2),** mount the clamp part **(1)** on the compact ceiling angle. 2. Mount cover caps (4).	

5.4 Rafter bracket installation

5.4.1 Safety notes

CAUTION

Damage to the product

Beware of non-supporting wooden installation surfaces.

- ▶ **Before beginning the installation work, check that the wooden installation surface can support the structure. This surface may vary in strength, type of wood, grain, age of wood, etc.**
- ▶ **Check that the C2 plate dowels supplied are suitable for use at the site of installation:**
- **C24 coniferous wood**
- **The duration of load effect is classified as "short"**
- **The angle between the direction of force and the direction of the wood grain is 0°**
- **Recommended minimum wood thickness $t_{re,q}$ = 70 mm**

The rafters used to install the awning must not be interrupted, e.g. by the use of roof windows, dormer windows, etc.

In the event of deviating installation surfaces or fundamental conditions, the fixings must be constructed in accordance with the specifications of DIN 1052: Design, Calculation and Dimensioning of Wood Structures, or a lower wind resistance class must be specified for the awning as appropriate for the installation.

- ▶ **Do not install on end grain wood.**
- ▶ **Ensure that the fixings are amply protected against corrosion.**

The spacing shown in Figure 2, Minimum dimensions on the rafter bracket, also apply when installing using the mounting plate for the rafter bracket.

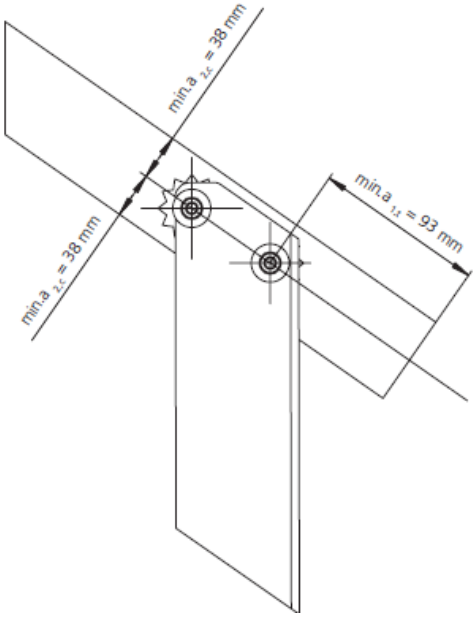
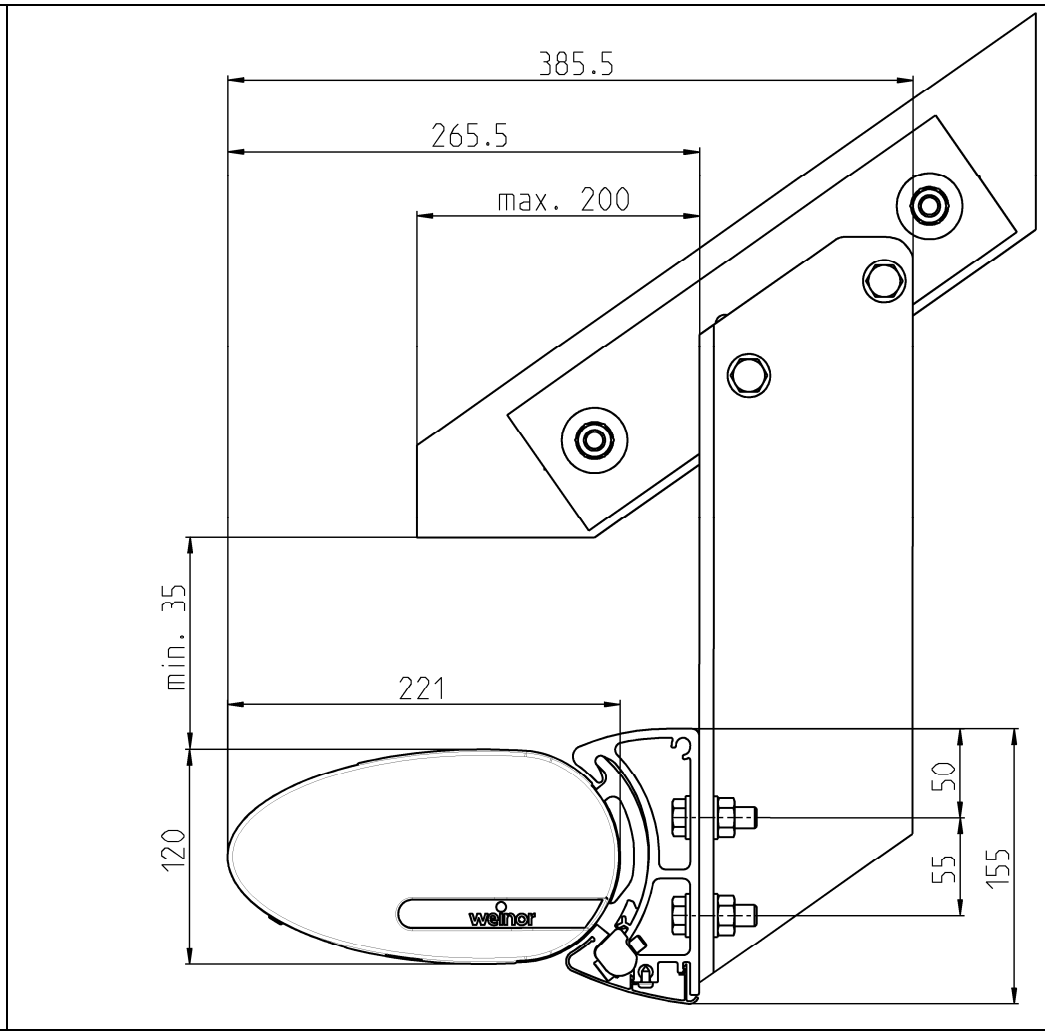


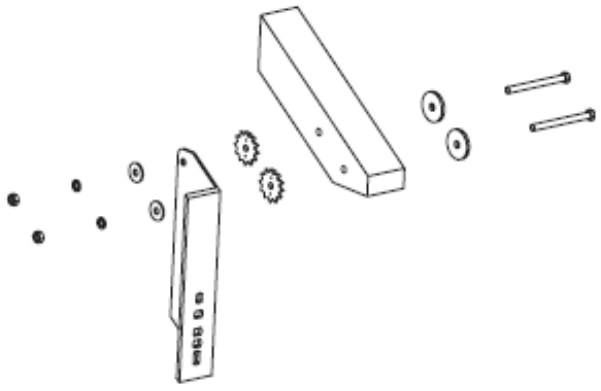
Figure 2: Minimum dimensions on the rafter bracket

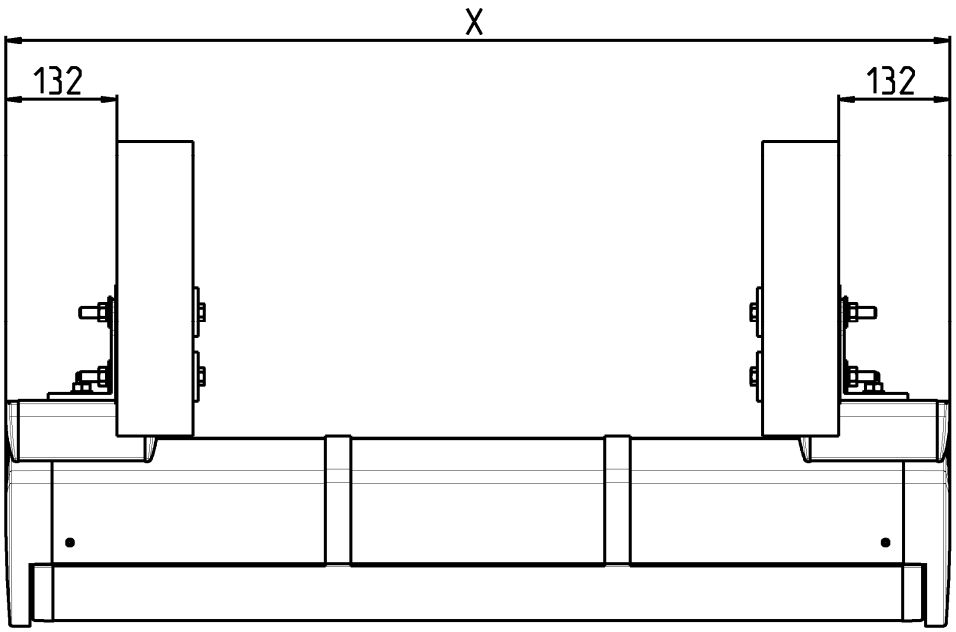


5.4.2 Fitting the rafter bracket without a mounting plate

1. Fit the rafter bracket

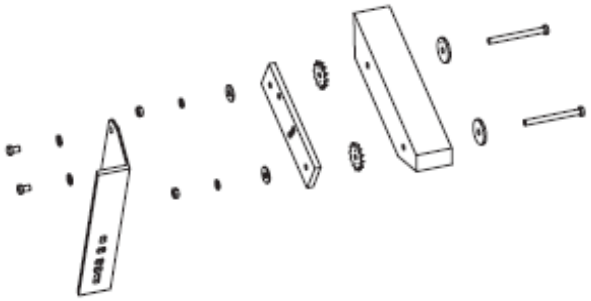
1. Align the rafter bracket to the rafter and mark where the two holes should be drilled.
2. Make sure the required minimum distance from the edge of the rafter is kept. Drill the two ≤ Ø13 mm through holes.
3. Push in the C2 plate dowels together with the screws and the shims. As you do this, ensure that you do not bend the teeth on the plate dowels.
4. Fit the rafter bracket to the rafter.



2.	**Mount the wall bracket** 1. Screw the wall bracket **(1)** to the rafter bracket.	
	2. Align the spacing according to the width of the awning **(X)**.	
		
3.	**Attach the awning**	
4.	**Mount the clamp parts on the wall bracket**	

5.4.3 Fit the rafter bracket with mounting plate

	We recommend using the mounting plate to fit the rafter brackets as it provides for a better shear force transfer.

1.	**Fit the rafter bracket** 1. Screw the rafter bracket to the mounting plate taking the roof pitch into account.	
	2. Align the mounting plate to the rafter and mark where the two holes should be drilled. Make sure the required minimum distance from the edge of the rafter is kept. Drill the two ≤ Ø13 mm through holes. 3. Push in the C2 plate dowels together with the screws and the shims. As you do this, ensure that you do not bend the teeth on the plate dowels. 4. Fit the rafter bracket with mounting plate to the rafter.	
2.	**Mount the wall bracket** 1. Screw the wall bracket to the rafter bracket. 2. Align the spacing according to the width of the awning.	
3.	**Attach the awning**	
4.	**Mount the clamp parts on the wall bracket**	

5.5 Variations of rafter assemblies

A rafter assembly with mounting plate is recommended.

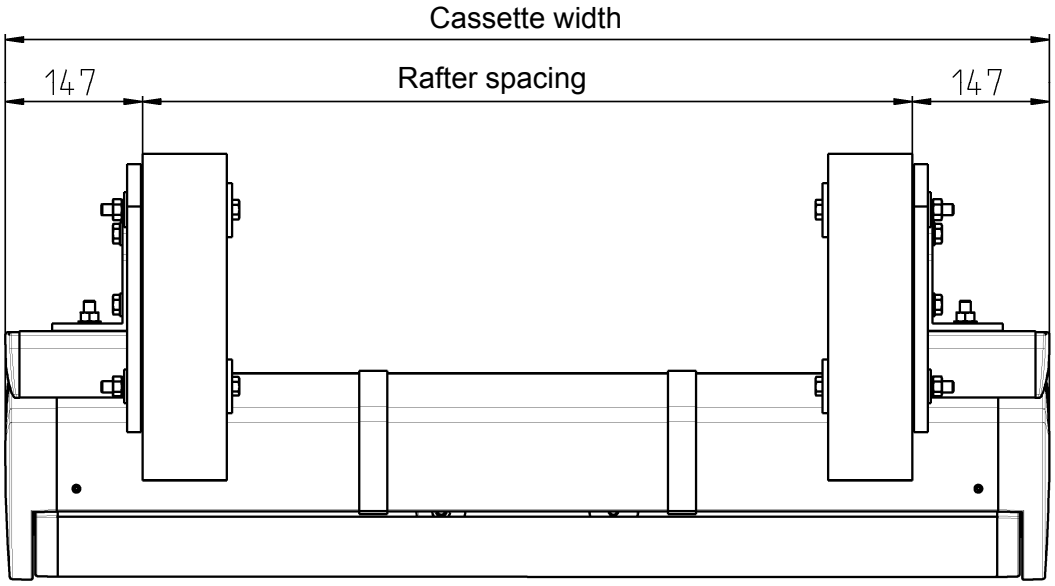


Figure 3: Standard rafter assembly with rafter bracket and mounting plate

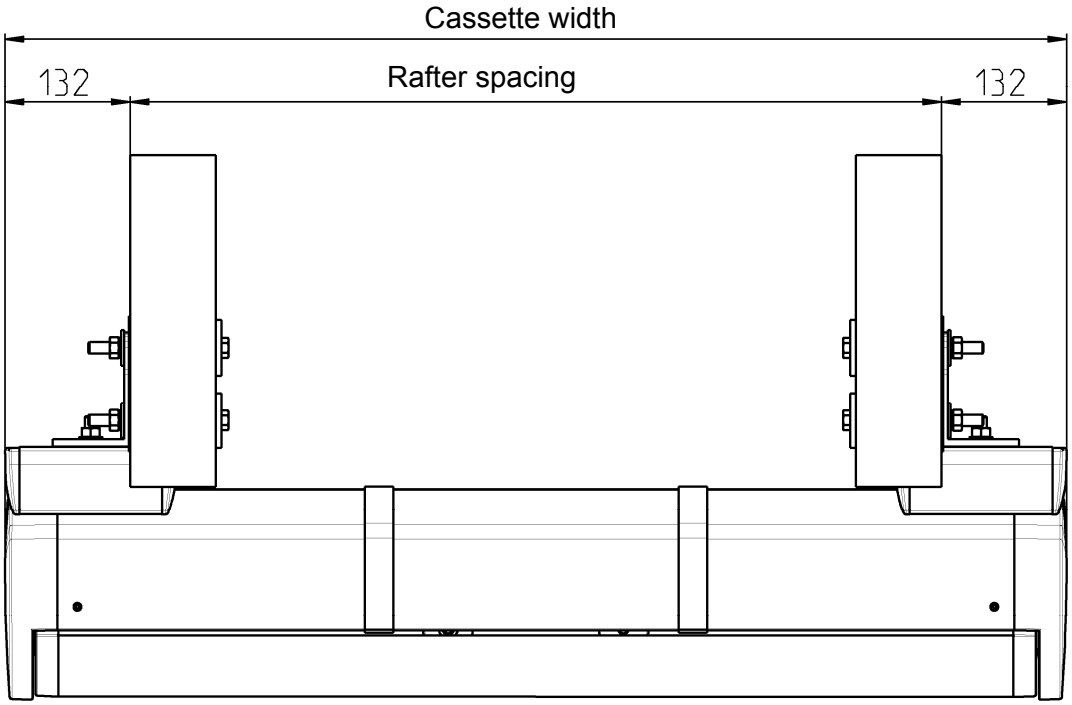


Figure 4: Standard rafter assembly with rafter bracket without mounting plate

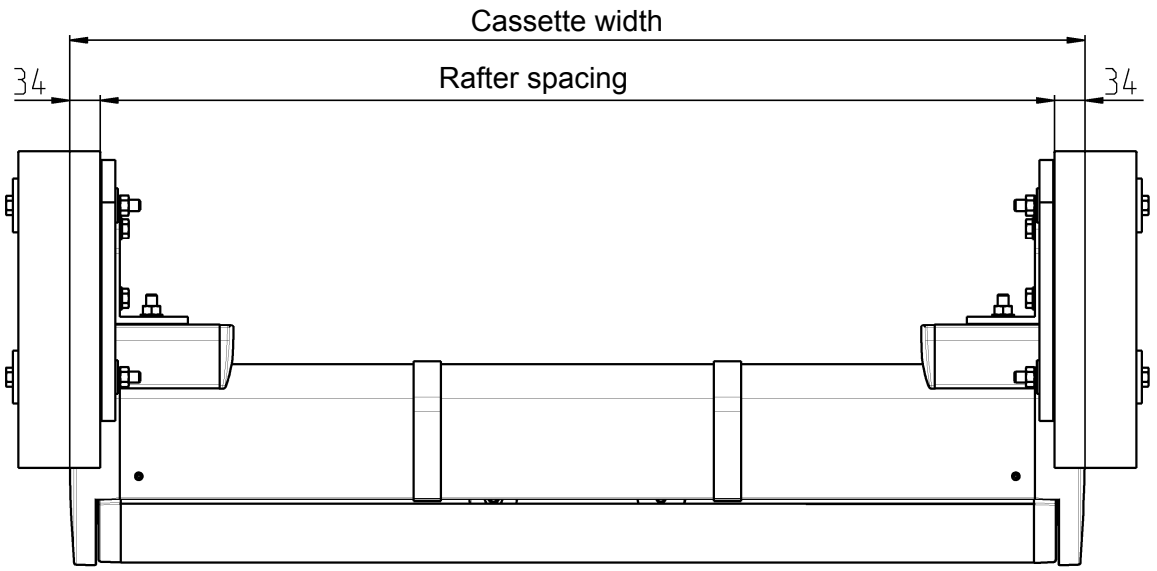


Figure 5: Special rafter assembly version replacing rafter bracket and mounting plate

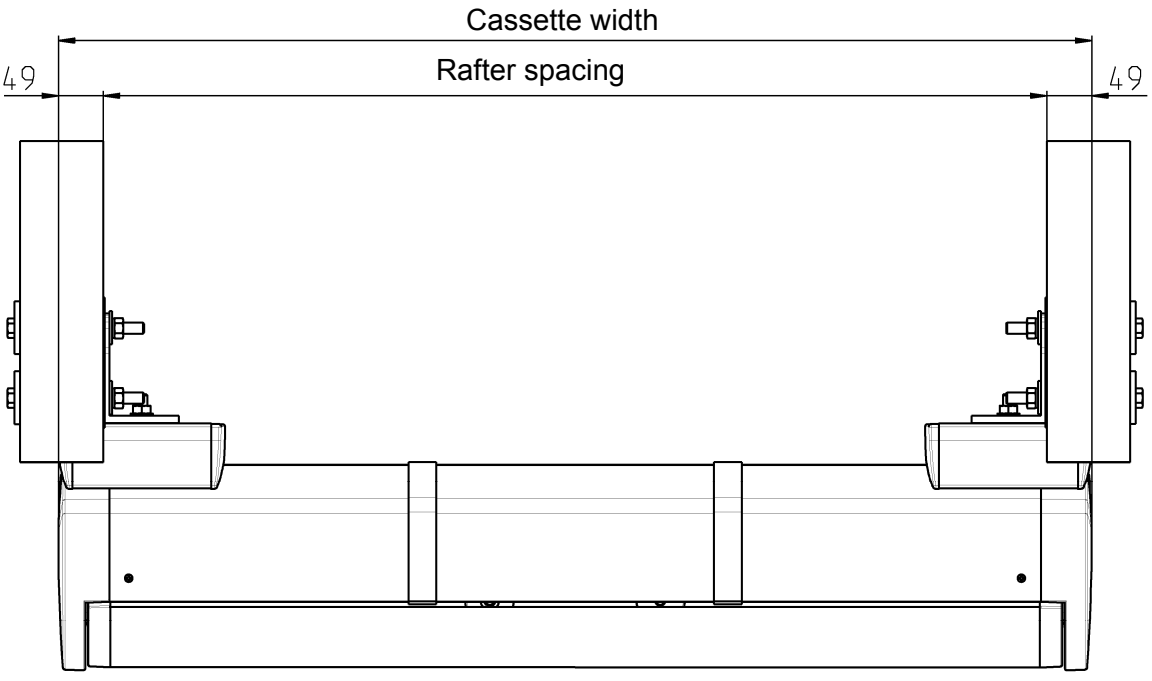
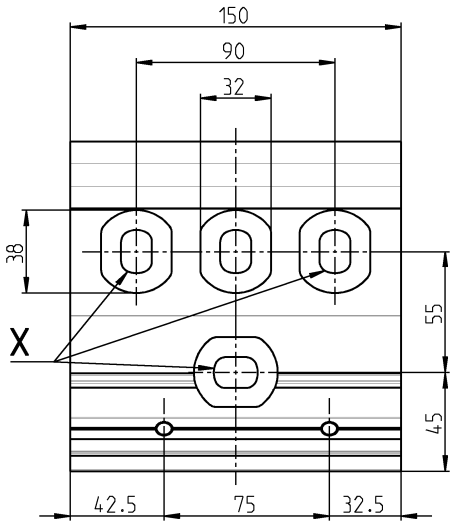
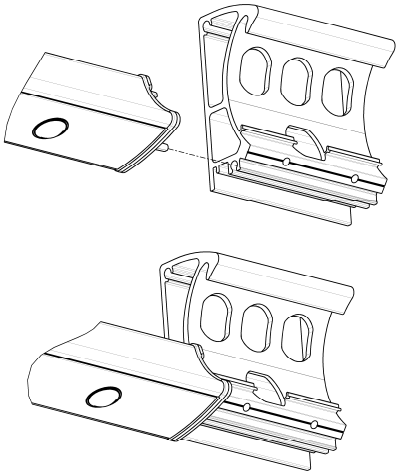
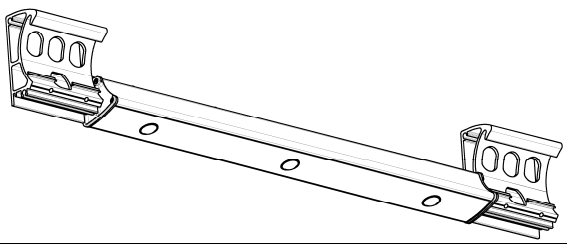


Figure 6: Special rafter assembly version replacing rafter bracket without mounting plate

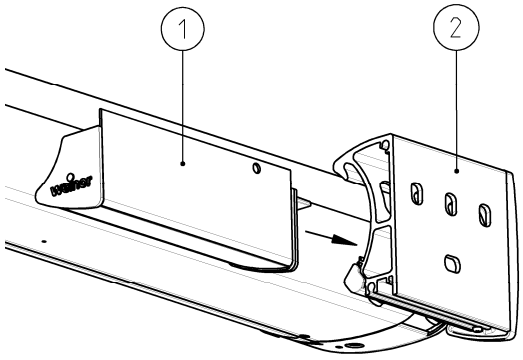
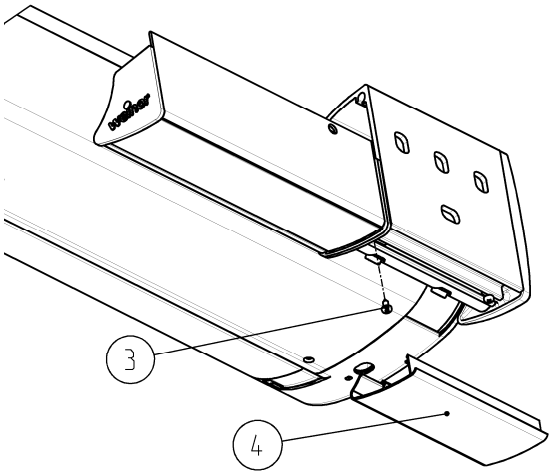
5.6 Assembling the light bar

	The width of the LED light bar ensures that the wall brackets have to be pushed onto the left and right of the end pieces of the LED light bar as far as they will go. This means that, once the awning is attached, the adjusting bracket/headplate is flush with the wall bracket. Please refer to the LED light bar assembly instructions for information on the electrical connection for the LED light bar.

1.	**Mount the wall bracket** 1. Mark holes to be drilled, drill holes and install bracket on wall. Affix the bracket using 3 screws. 2. Align the wall bracket.	
2.	**Mount the light bar** 1. Slide the light bar into the wall bracket as far as it will go.	
	2. Slide the second wall bracket onto the light bar. 3. Mark holes to be drilled, drill holes and screw the light bar onto the wall. 4. Align the wall brackets with the light bar.	
3.	**Attach the awning**	**See Section 5.2.1, point 3**
4.	**Mount the clamp parts on the wall bracket**	**See Section 5.2.1, point 4**
5.	**Mount wall bracket cover caps and wall bracket cover profile**	**See Section 5.2.1, point 5**

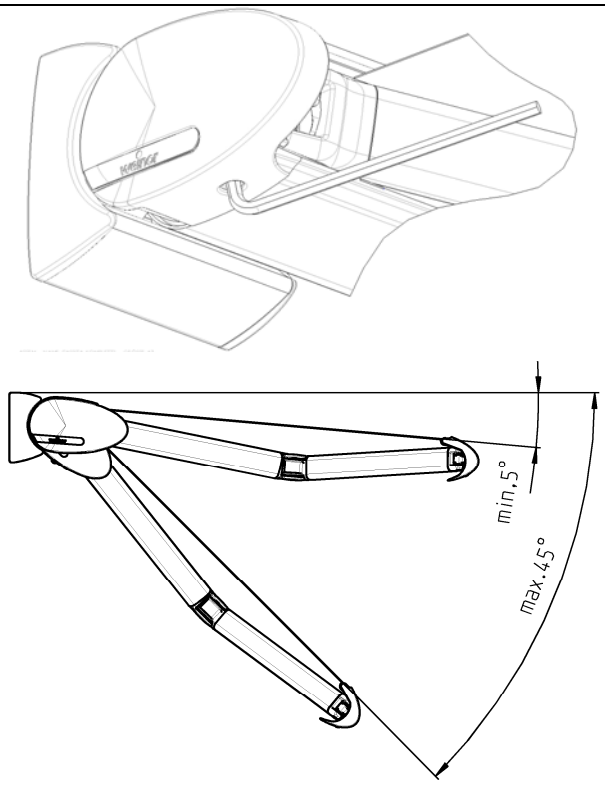
5.7 Installing the receiver box

	The reciever box is always fitted on the same side as the motor.

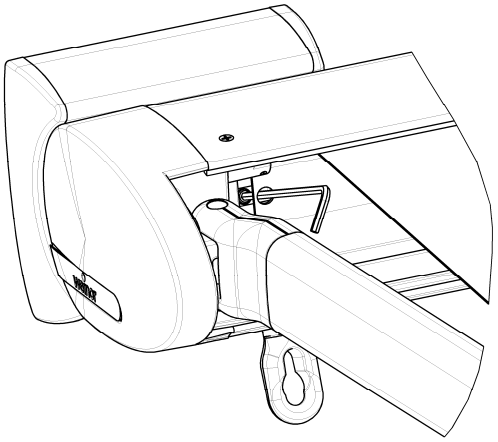
1.	**Installing the receiver box** 1. From the inside, slide the receiver box **(1)** into the opening on the wall bracket **(2)**.	
	2. Affix the receiver box to the wall bracket using the self-tapping screw **(3)**. 3. Mount the wall bracket cover profile **(4)** to the wall bracket.	

5.8 Setting the angle of inclination

ⓘ	The headplate cover caps do not need to removed in order to adjust the awning's angle of inclination. Permissible range of adjustment 5° to 45°. To adjust the angle of inclination, open the awning and slightly lift the arm in question to reduce the strain here. The angle of inclination must be adjusted gradually in 5° increments, working on each side alternately.

	1. Lift the folding arm 2. Adjust the angle of inclination using an SW 8 Allen key • Turn clockwise to reduce the angle • Turn anti-clockwise to increase the angle 3. Set all arms to the same position.	

5.9 Setting the projection in an awning with gear drive

1.	**Changing the projection setting** 1. Extend the awning until the sliding clutch engages (clearly audible "click"). 2. Then retract the awning approx. 1 to 2 cm.	
	3. Loosen the locking screw with an SW 3 Allen key by turning it 3 times. 4. Crank the awning until the desired projection is reached. 5. Tighten the locking screw slightly. 6. Then retract the awning approx. 1 to 2 cm and tighten the locking screw.	
2.	**Checking the setting** 1. Retract the awning approx. 50 cm and then extend it until the sliding clutch engages (clearly audible "click").	

ⓘ	The gear teeth can be on top of each other. The gear teeth will interlock when the awning is retracted 1 to 2 cm. The interlocking is fixed by tightening the locking screw. While setting the end position, the tips of the gear teeth may lie on top of each other for technical reasons. For this reason, the interlocking must be disengaged by retracting the awning 1 to 2 cm.

6 Cassita II Circuit Diagram

6.1 Cassita II, standard

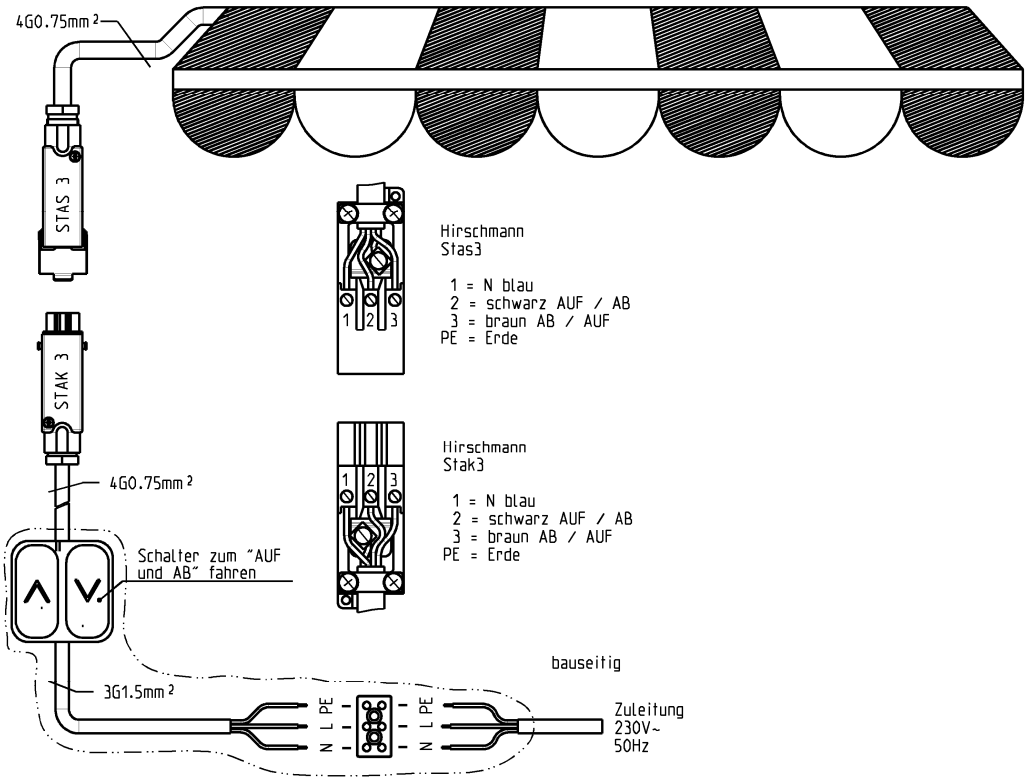


Figure 7: Circuit diagram for Cassita II, standard

6.2 Cassita II mit BiConnect radio control

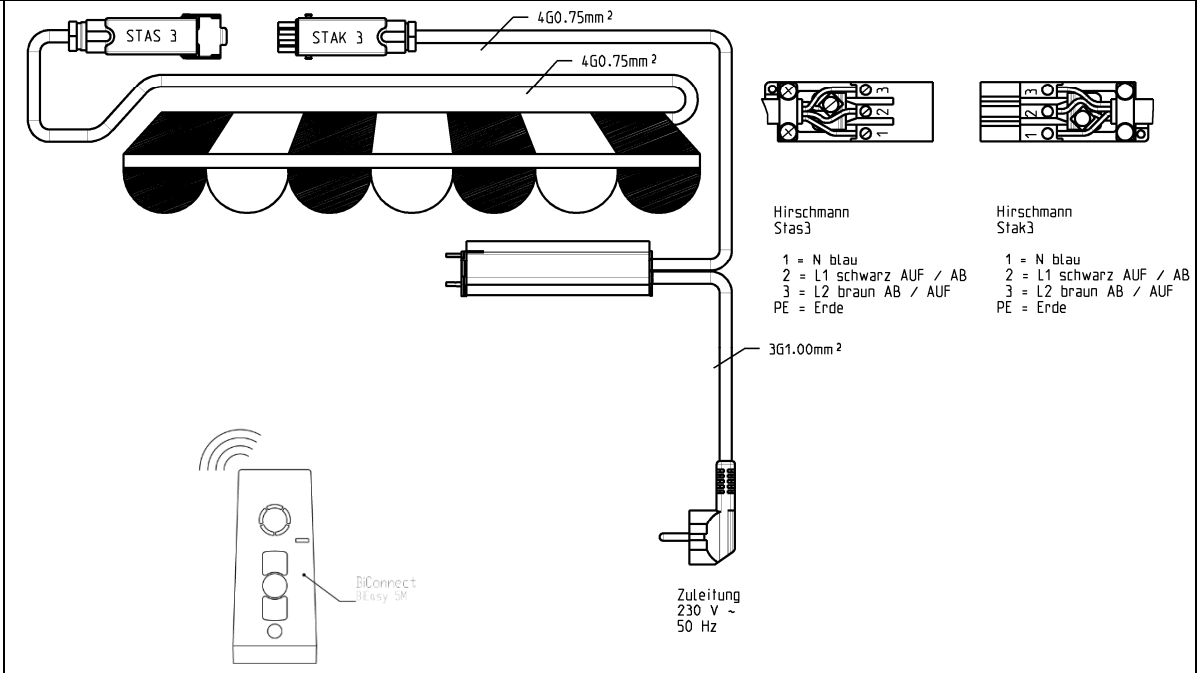


Figure 8: Circuit diagram for Cassita II with BiConnect

6.3 Cassita II LED, standard

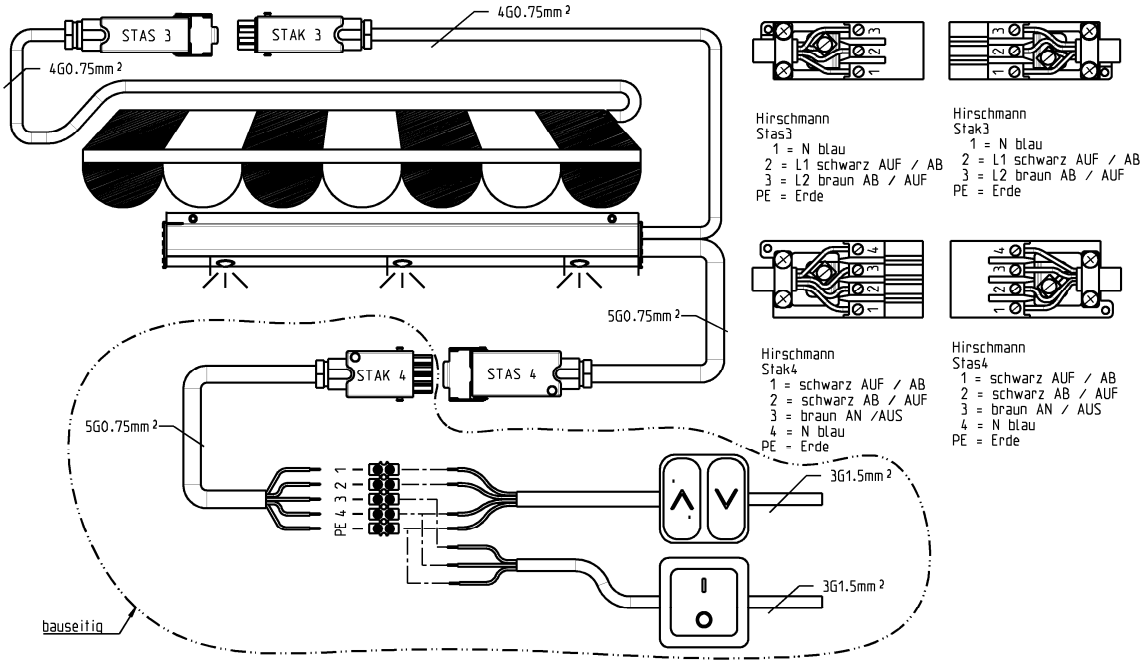


Figure 9: Circuit diagram for Cassita II LED, standard

6.4 Cassita II LED with BiConnect radio control

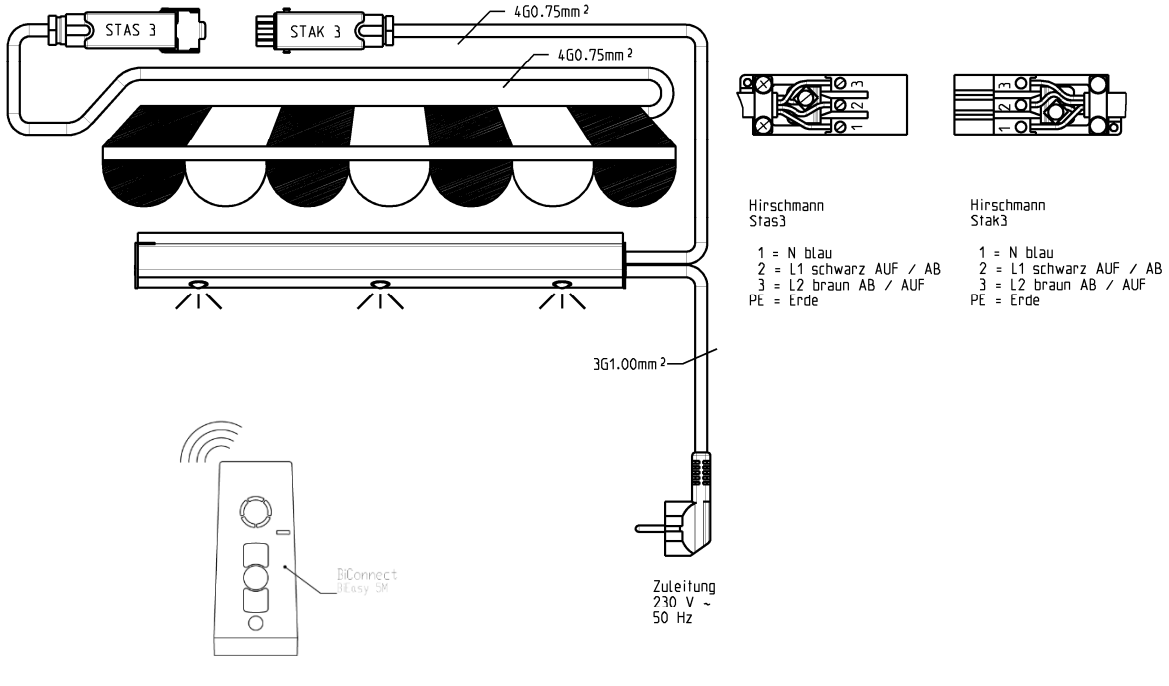
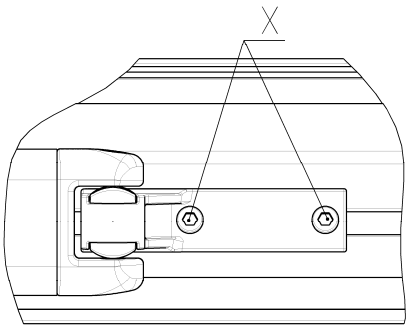
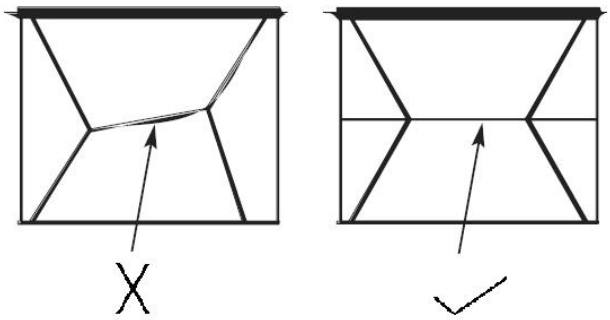


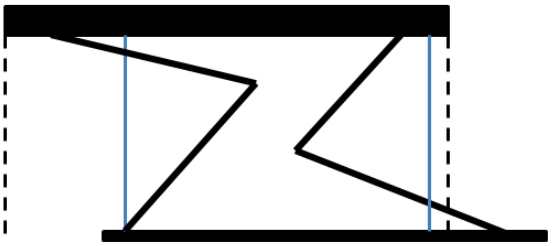
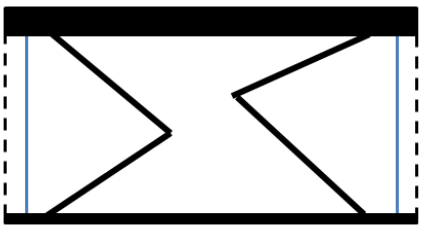
Figure 10: Circuit diagram for Cassita II LED with BiConnect

7 Adjusting the arm position

	The arm position needs to be adjusted if: • The drop profile needs to be set to a symmetrical position, • The arms come up to the housing differently.

	1. Loosen the hexagonal socket head screws **(X)** using an SW 4 Allen key.	
	2. Set the correct arm position. 3. Retighten the Allen screws.	
		

7.1 Possible incorrect positions of the awning

1.	**Fabric / drop profile has moved** Remedy: • Slacken the fabric in the drop profile • Slacken the drop profile support bracket • Align the drop profile and the folding arms and remount them • Refit the fabric in the drop profile	
2.	**Folding arms are not symmetrical** Remedy: • Slacken the drop profile support bracket • Slide the arms symmetrically • Refit the drop profile support bracket	

8 Electrical connection

8.1 Safety notes

DANGER

Electrical hazards

Electrical hazards occur when the electrical connections are not performed properly.

- **The awning may only be connected to an electricity supply if the specifications provided on the tag attached to the awning and/or the specifications provided in the supplied assembly instructions tally with the power source. At the very least, the tag and/or specifications must specify the voltage, frequency and output values.**
- **A permanent electrical connection may only be made to power grids fitted with an all-pole disconnector with a minimum 3 mm wide contact gap.**
- **The installation instructions accompanying the supplied electrical components must be observed.**

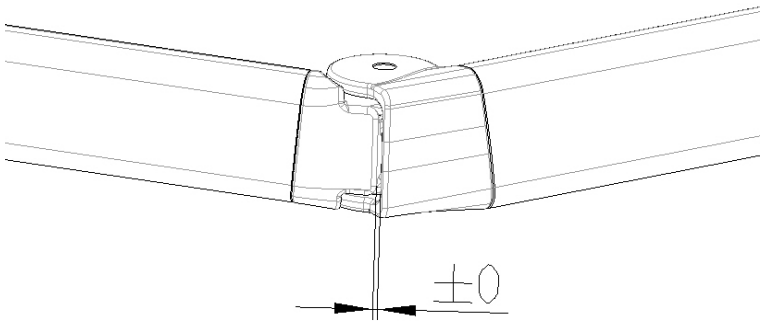
8.2 Setting the end positions

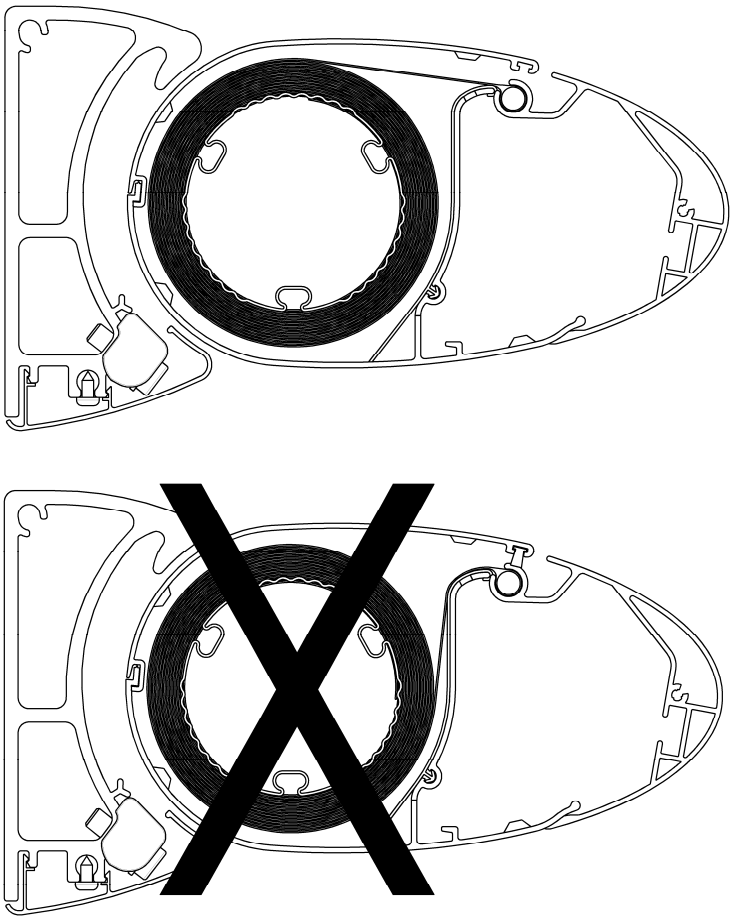
CAUTION

Damage to the product

Incorrectly set end positions can result in the product being damaged.

- **Do not exceed the maximum permissible awning projection.**
- **The centre joint may only be opened far enough to ensure that the high-tech belt is no longer visible.**



	The end positions for the drive are pre-set at the factory. Should these need to be adjusted, however, always follow the instructions provided in the technical documents that accompany the electric drive. When adjusting the motor, make sure that the fabric is always wound up around the roller tube.
	

	Check that the drive is switched off 1. Once the awning has been installed, check that the drive has been switched off correctly. The cassette must close when the awning is retracted. 2. Re-set if necessary.

	If a larger angle of inclination is set, it may be necessary to re-set the end positions for the motor.

9 Cassita II Exploded Drawing

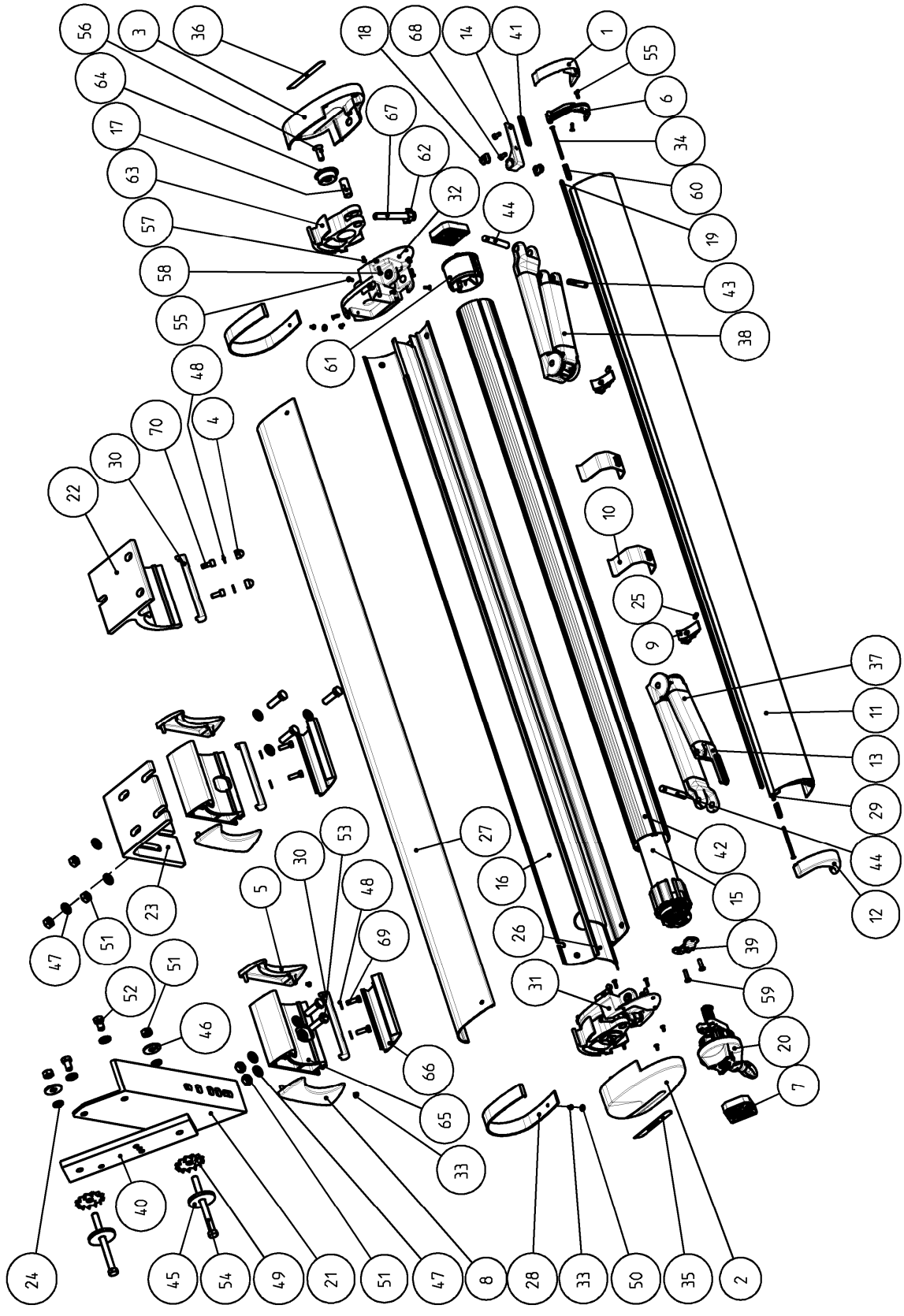


Figure 11: Cassita II exploded drawing

Item	Designation	Item	Designation
1	Drop profile cover cap, right	36	Adhesive strip with logo, right
2	Headplate cover cap, left	37	LongLife arm S, left
3	Headplate cover cap, right	38	LongLife arm S, right
4	Cover cap, WS13	39	Becker awning bracket, small
5	Wall bracket cover cap, right	40	Mounting plate for rafter bracket
6	Cover cap for drop profile, inside right	41	Groove block
7	Adapter	42	Optinut roller tube
8	Wall bracket cover cap, left	43	Knurled nut with internal thread D10x52
9	Arm stop cam	44	Knurled nut with internal thread D12x80
10	Arm stop	45	Washer DIN 1052-14-St-Zn
11	Drop profile	46	Washer DIN 9021-13-A2
12	Drop profile cover caps, left, complete	47	Washer DIN 125A-13-A2
13	Drop profile support bracket, left, complete	48	Washer DIN 125A-8.4-A2
14	Drop profile support bracket, right	49	Plate dowel DIN 1052-C2 62/12
15	Becker motor L50/17	50	Protective cap, flat, D12x7
16	Support tube profile	51	Hexagonal nut DIN 934-M12
17	Nut Rd16x40	52	Hex socket head screw DIN 933-M12x20
18	Drop profile support bracket bushing	53	Hex socket head screw DIN 933-M12x40
19	Brush cover 4.8x9	54	Hex head screw DIN 933-M12x140
20	Cherubini gear drive, complete	55	Tapping screw with countersunk head DIN 7982-ST4.2x16-C-A2-H
21	Rafter bracket	56	Countersunk hex head screw DIN 7991-M10x30
22	Compact ceiling angle 150 mm	57	Countersunk hex head screw DIN 7991-M4x10
23	Ceiling angle	58	Countersunk hex head screw DIN 7991-M4x16
24	Spring lock washer DIN127 B12	59	Countersunk hex head screw DIN 7991-M6x25
25	Grub screw DIN914-M6x16	60	Fabric dowel
26	Glide profile	61	Roller tube insert
27	Upper section of cassette	62	Base plate
28	Housing clip	63	Adjusting bracket
29	Beading 5.2 mm	64	Adjusting bracket locking device
30	Clamp	65	Wall bracket
31	Headplate, left, complete	66	Wall bracket cover profile
32	Headplate, right	67	Hexagon socket head cap screw DIN6912 M12x90/70 SW8
33	Screw DIN 7985 M4x8	68	Hexagon socket head cap screw DIN6912 M6x12
34	Oval head wood screw DIN 7995-4.5x80-A2	69	Hexagon socket head cap screw DIN6912 M8x25
35	Adhesive strip with logo, left	70	Hexagon socket head cap screw DIN912-M8x20

10 Test that the unit is working correctly

10.1 Safety notes

DANGER

Physical injury

Performing function tests is not without its risks. The following steps must be taken:

- **When running the awning for the first time, the working range of the awning and the area below it must be kept clear.**
- **A visual inspection of the fixings and brackets must be performed after the awning has been operated for the first time.**
- **When carrying out test runs, never use automatic controls or switches if the awning is not in the operator's line of vision (danger of awning starting unintentionally).**
- **We recommend that you connect a test cable to the motor input.**
  The installation and setting instructions supplied by the manufacturer of the drive, switches and controls must be observed.
- **Check the direction of rotation on the drive if connecting to automatic controls (e.g. the awning must retract in windy conditions).**

10.2 Checking the functions of the unit

	The drive has been designed to run for 4 minutes. If this time is exceeded, the internal thermo protector will switch off the drive. Depending on the outside temperature, the drive can be operated again after 10 – 15 minutes.

	Open and retract the awning once. As you do this, check the following: • The fabric tension when the awning is open • The position of the awning when opened and retracted • That the awning housing closes properly	

11 Troubleshooting

Error	Cause	Remedy
Drive not running	• No power • Drive incorrectly connected • Drive is too hot • Drive is defective • Pre-set control not functioning	• Authorised person only • Re-connect drive (authorised personnel only) • Wait 10 to 15 min • Replace drive (authorised personnel only) • Authorised person only
Unit does not retract completely	Drive not set correctly Foreign body blockage	Correct the drive settings (fitter) Remove foreign bodies
Unit not straight	Unit not correctly aligned	Align drive (fitter)
Not enough fabric tension	End stop position exceeded	Correct gear drive or motor settings (fitter)
Drop profile not horizontal when awning is open	Unit not correctly aligned	Adjust inclination of arms
Unit does not close across its entire width	Fabric seam not straight Fabric has stretched to differing lengths	Line fabric
Creasing and wrinkling	Restricted unit	None

12 Handover

All directions for use and maintenance documents must be handed over to the user at the time of instruction. Detailed instruction on the safe and proper operation of the awning must be given. If this is not adhered to and the awning is operated incorrectly, damage to the awning or accidents could result. The instructions must be kept by the customer and passed on to the new owner if ownership of the awning passes to a third party.

After noting the on-site structural conditions and completing assembly, the installation firm is to inform the user whether the wind resistance class given by the manufacturer was achieved after installing the awning. If not, the installation firm must record the wind resistance class actually achieved. Automatic controls must be set to this level. The customer must confirm to the fitter in writing that the awning is the right model and has been assembled correctly, indicating the assembly time, and that final acceptance of the awning has taken place, during which the safety notes were discussed (handover certificate).

13 Disassembly and disposal

DANGER

Physical injury may result from pre-tensioned parts

When dismantling and disposing of the awning, fully slacken or secure the tensioned parts (e.g. folding arms) to prevent them from opening or extending automatically.

- **A suitably qualified company should be engaged to perform this task.**

Although this product does not contain any materials which pose a risk or danger to the environment, the awning parts should nevertheless be disposed of properly.

14 Handover certificate

Offer/Order No.: Customer's address: Tel.: Mobile phone: Email:	Company
Handover certificate	Date

The awning has been reviewed together with Ms/Mr _____ and accepted with no apparent
defects: ☐ Yes ☐ No
If 'No', what is the subject of complaint?

_____

_____

_____

_____

_____

*If the customer dispenses with a formal acceptance and puts the awning into operation, the awning shall be regarded as accepted.

The customer has been duly instructed in how to operate the awning as shown in the Maintenance Instructions and Directions for Use ☐ Yes ☐ No	The awning may be used under the following conditions: Useable up to wind strength _____ Wind: ☐ Not permissible Rain: ☐ Permissible if supervised Risk of frost: ☐ Permissible without restriction ☐ Not permissible

The customer has been given the following documents:

Maintenance Instructions and Directions for Use	☐ Yes ☐ No ☐ Yes ☐ No	Manufacturer's instructions for assembly and setting the drive, switches and controls	☐ Yes ☐ No
Assembly Instructions	☐ Yes ☐ No		
Warranty documents			

Miscellaneous:

Die Montage erfolgte durch:

Name	von Uhrzeit	bis Uhrzeit	Stunden

Signature of fitter Signature of customer

15 Declaration of performance

Products:
Cassita II

Types:
Folding arm awning

CE

weinor GmbH & Co. KG

Designed for use in acc. with DIN EN 13561 "External blinds - Performance requirements including safety; German version: 2009-01"

Manufacturer:
weinor GmbH & Co. KG
Mathias-Brüggen-Straße 110
50829 Cologne, Germany

Certification in acc. with system of assessment 4 of Construction Products Directive 305/2011/EC has been obtained by the manufacturer.

If used as intended, this product complies with the main features defined in the following standards.

Declared performance:

Main features/ performance	Standard	Declared performance
Wind resistance class (0-3)	DIN EN 13561 External blinds - Performance requirements including safety; German version: 2009-01	Wind resistance class 2

Person authorised to compile the technical documents:
Czarnetzki, Erwin, Documentation Officer
weinor GmbH & Co. KG
Mathias-Brüggen-Str. 110
50829 Cologne, Germany

Date/ Signature:

Cologne, 1 July 2013

ppa. Karl-Heinz Stawski

16 EC Declaration of Conformity

Products:
Cassita II

Types:
Folding arm awning

CE

weinor GmbH & Co. KG

Purpose: outdoor sun protection
Motor-driven models are in conformity with the provisions of Machine Directive 2006/42/EC

The following harmonised standards have been applied in particular:
DIN EN 13561, Annex ZA
DIN EN 60335-1
DIN EN 60335-2-97
DIN EN 50366:2003 + A1:2006

The safety objectives of Low Voltage Directive 2006/95/EC have been complied with in accordance with Annex I No. 1.5.1. of Directive 2006/42/EC. Electromagnetic Compatibility (EMC) Directive 2004/108/EC has been taken into account.

Person authorised to compile the technical documents:
Czarnetzki, Erwin, Documentation Officer
weinor GmbH & Co. KG
Mathias-Brüggen-Str. 110
50829 Cologne, Germany

Manufacturer:
weinor GmbH & Co. KG
Mathias-Brüggen-Straße 110
50829 Cologne, Germany

ppa.

Date / Signature:

Cologne (Germany), 1 July 2013 ppa. Karl-Heinz Stawski

17 Other weinor products

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to give you peace of mind from the very beginning.

1	Awnings
2	Patio roofs
3	Glass oasis
4	Conservatories