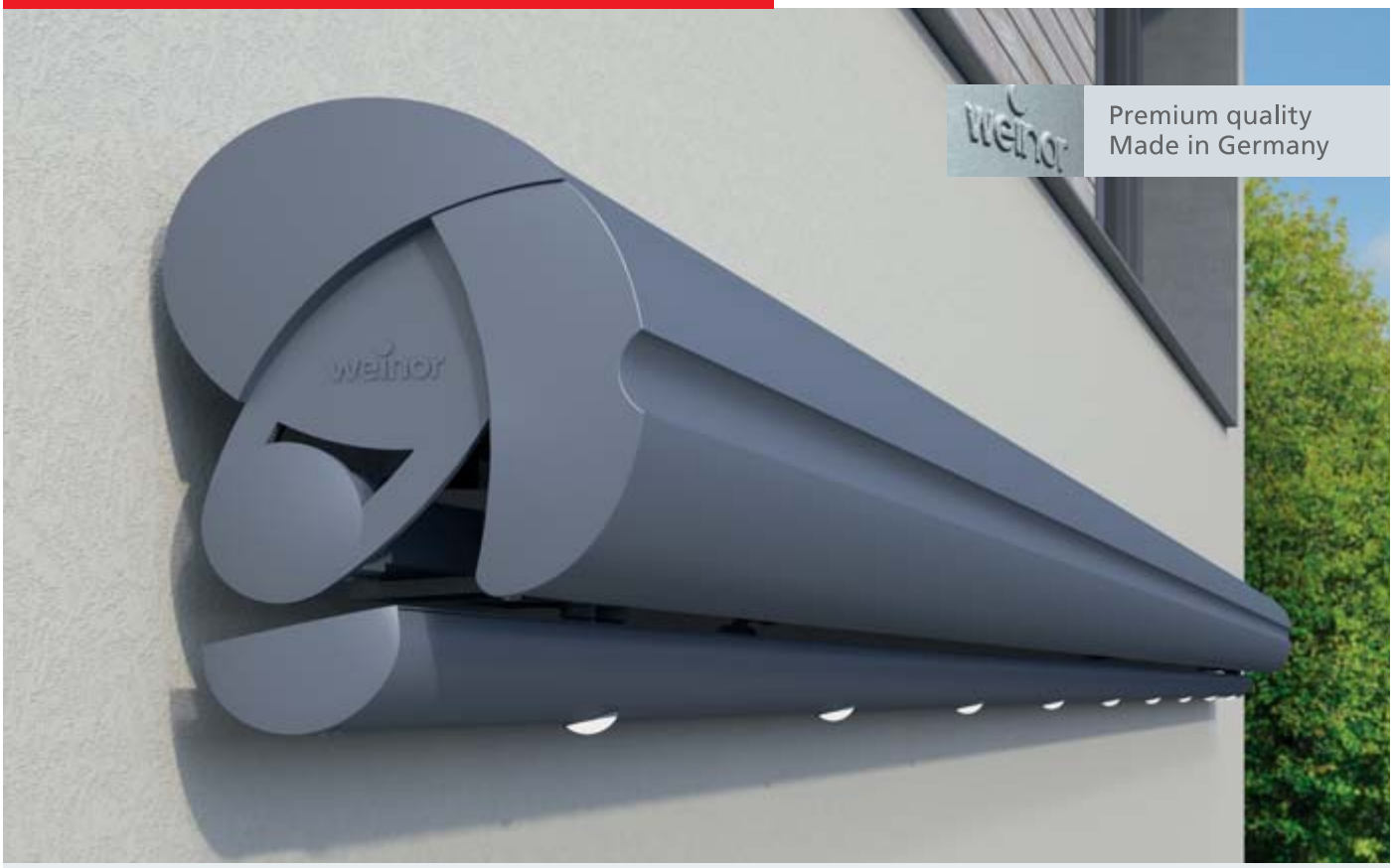
The youthful semi-cassette awning



Semina

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weinor Semina

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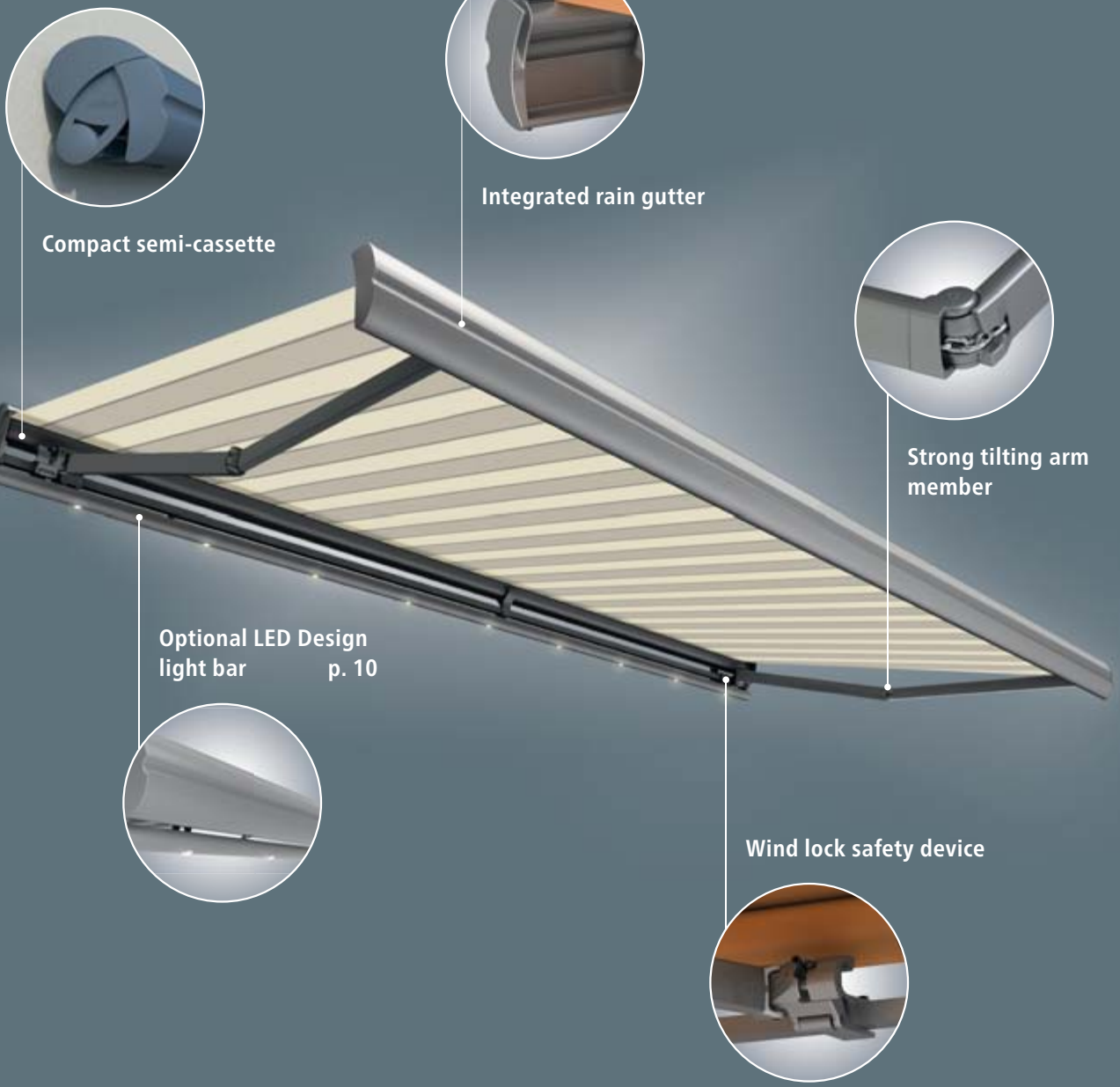
weinor Semina –
youthful design meets potent technology

The Semina combines a fresh, youthful design with proven technology and reliable quality. The semi-cassette provides for safety, the safe protection of the fabric and technology and therefore also for an exceptionally long service life. The functions, look and profitability of the Semina have been systematically optimised and coordinated down to the very last detail. For a consistently intelligent solution made by weinor.

weinor Semina highlights

47 frame colours and 9 trend colours

10-year warranty on folding arm chains



Product benefits in detail

Every detail has been well thought out: the weinor Semina highlights

The compact semi-cassette – great on price, functionality and design

Uncomplicated and good – the compact semi-cassette on the weinor Semina reliably protects the fabric and technology.

- easy assembly
- compact cassette size
- outstanding quality and TÜV-tested for safety

Integrated rain gutter – reliably drains off rainwater

The integrated rain gutter systematically drains off rainwater.
- protects the fabric and fittings

- reliably drains off any rainwater via the end caps on the front rail when retracted
- minimum angle of 14° even when open

Strong tilting arm member – extremely sturdy and secure

The tilting arm member with round steel linking chain is sturdy and durable.
- intelligent bearing technology stabilises the front rail

- withstands unilateral loads of up to 100 kg
- 10-year warranty on linking chain
- drop-forged aluminium in all arm joints – light but highly robust

Wind lock safety device – well-sheltered even in winds

The ultramodern technology prevents the awning from lifting up when wind gusts from below.

- tilting arm member with patented wind lock safety device
- proven, maintenance-free technology
- forged and extruded aluminium components

LED Design light bar – 30,000 hours of lighting require minimal energy consumption (optional)

Select LED components for top weinor quality:
- atmospheric light thanks to special glass lenses
- particularly energy efficient

- lifetime of 30,000 hours
- WeiTronic for wireless dimming
- installs using an adjustable bracket fitted to the support pipe
- easy-change LEDs

Product benefits in detail

● standard
○ optional
— unavailable

weinor Semina at a glance

	Semina
Technology	
Max. width	700 cm
Max. projection	350 cm
Cassette size (W x H)	190 x 204 mm
Coupled systems	—
Crank drive	○
Motor drive	● as standard
Adjusting the pitch	5° to 40°
Installation options	can be installed on walls, ceilings and rafters
Design	
47 standard frame colours	●
Over 150 other RAL colours	○
9 trend colours	●
Other textured colours	○
weinor fabric collection	●
Valance (20 cm)	●
Accessories	
Tempura heating system	○
LED Design light bar	○
Wind supports	○
Controls	
Remote control	○ WeiTronic Combio-868 MA
No remote	fully wired and ready to plug in
Remoto handheld transmitter	○
Agido*	●
WeiTronic Aero-868 Solar sun and wind sensor	○
WeiTronic Aero-868 AC 230 sun and wind sensor	○
WeiTronic Sensero-868 AC 230 sun, wind and rain sensor	○
Quality	
Tested up to	wind Force 5 on the Beaufort scale and wind resistance class 2 according to DIN 13561

* Only in conjunction with a WeiTronic remote control – comes as standard in most width/projection combinations

Fabrics and frame colours

Fabrics – attractive, brilliant long-lasting colours

For an attractive awning you need a high-quality fabric. The 'colours by weinor® ' collections provide a wide selection.

- solution-dyed to make them colour-fast
- stay beautiful thanks to dirt- and water-repellant nano-coating
- optional: wide range of collections by other manufacturers

true colours Acrylic fabric collection — Acrylic fabrics 100 patterns

- high-quality acrylic
- proven for decades
- fabric width: 120 cm/240 cm

magic colours WeiTex® — Polyester fabrics 55 patterns

- innovative polyester quality
- high-stretch with memory effect®
- fabric width: 120 cm

Wide range of frame colours – abundance of choices

weinor coats all of its products in its own workshop. This ensures that they have the best-possible colour tonality and identical gloss levels.

- 47 standard RAL frame colours, silk gloss (gloss level 70 ± 5% when measured at a 60° angle)
- 9 scratchproof, resistant trend colours with a textured look
- over 150 special RAL colours

47 standard frame colours

RAL 1002 Sandy yellow	RAL 1003 Signal yellow	RAL 1014 Ivory	RAL 1015 Light ivory	RAL 1023 Traffic yellow	RAL 1034 Pastel yellow	RAL 2000 Yellow orange	RAL 2002 Vermilion	RAL 2011 Deep orange
RAL 3002 Carmine red	RAL 3004 Magenta red	RAL 3007 Black red	RAL 4005 Blue lilac	RAL 4006 Traffic purple	RAL 5005 Signal blue	RAL 5009 Azure blue	RAL 5014 Pigeon blue	RAL 5021 Water blue
RAL 5022 Night blue	RAL 5024 Pastel blue	RAL 6005 Moss green	RAL 6009 Fir green	RAL 6011 Reseda green	RAL 6012 Black green	RAL 7015 Slate grey	RAL 7016 Anthracite grey	RAL 7021 Black grey
RAL 7030 Stone grey	RAL 7032 Pebble grey	RAL 7035 Light grey	RAL 7039 Quartz grey	RAL 7040 Window grey	weinor 7319 weinor grey	RAL 8001 Ochre brown	RAL 8003 Clay brown	RAL 8014 Sepia brown
RAL 8016 Mahagony brown	RAL 8017 Chocolate brown	RAL 8019 Grey brown	RAL 8022 Black brown	weinor 8077 weinor dark brown	RAL 9001 Cream	RAL 9005 Jet black	RAL 9006 White aluminium	RAL 9007 Grey aluminium
RAL 9010 Pure white	RAL 9016 Traffic white							

9 trend colours

WT 29/10797 Approx. RAL 9010	WT 29/50704 Approx. RAL 6009 metallic	WT 29/60740 Chestnut 04 metallic	WT 29/70786 Sparkling iron effect	WT 29/71289 Approx. RAL 7016 metallic	WT 29/80077 Approx. DB 703 metallic	WT 29/80081 Iron glimmer effect P 7	WT 29/90146 Approx. RAL 9006 metallic	WT 29/90147 Approx. RAL 9007 metallic

weinor is an eco-friendly company. To ensure compliance with high environmental standards, manufacturing processes and materials undergo regular testing by experts.

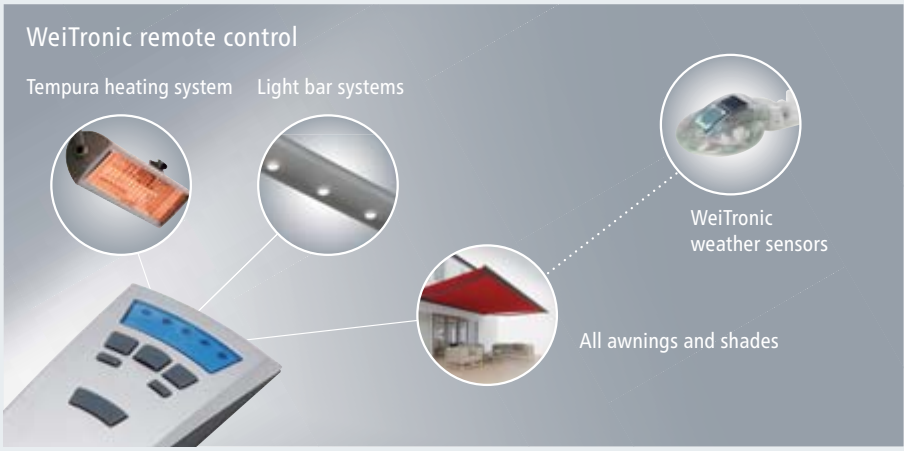
As a result of the ban on the use of heavy metals in powder coatings, paint manufacturers can no longer guarantee colour stability despite making every effort to do so. It therefore cannot be excluded that colours in general, and Fire Red (RAL 3000) in particular, may fade with time. For technical reasons, the colours may appear significantly different when printed.

Remote control

Remoto 1M/5M Remoto 10M

WeiTronic UniLine – coordinated control for awning, light and heating (optional)

The awning comes as standard with one motor and can optionally be controlled with the pre-programmed WeiTronic remote control. There are handheld transmitters with different numbers of channels: choose from 1, 5 or 10 channels with a display.



WeiTronic Remoto handheld transmitter

- safe to operate on protected frequency (868 MHz)
- range of up to 100 m
- simpler than a TV remote, attractive, convenient design

WeiTronic remote-controlled receiver

- various remote-controlled receivers depending on functions used
- to suit awning fittings – e.g. to extend and retract the awning or dim the lights

Product	Fittings	Remote-controlled receiver	Handheld transmitter
Semina	motor	Combio-868 MA	Remoto 1
	or + LED Design light bar	Combio-868 MA + Combio-868 LED	Remoto 5/10M
Semina	+ heating	Combio-868 HD	Remoto 5/10M

Requires: awning with WeiTronic remote control; sensors require at least a Remoto 1M or 5M

Product	WeiTronic	Somfy RTS	Somfy io
Semina	○	○	○
Semina + LED Design light bar	○ dimmer function	○ not dimmable	

○ option

Semina with crank drive – the basic version

Sometimes, a crank-operated awning is a possible alternative: with smaller awnings, for example, or rarely-used units, or where connecting to a power source is a complicated solution.

The cost of an awning without a motor as standard is correspondingly lower.

- sprag clutch with easy-to-set end stop
- no power source required
- inconspicuous components

Automatic weather control and accessories

Agido vibration sensor – standard product protection

The integrated WeiTronic Agido-868 vibration sensor retracts the awning automatically when it senses vibrations (e.g. from gusts of wind).

- threshold value adjustable
- comes as standard in most width/ projection combinations (with some exceptions, see price list)
- only sold with WeiTronic
- energy-saving technology
- battery life 2 years
- automatic battery replacement system on registration
- awning remains in place approx. 20 minutes after retraction
- fitted into front rail

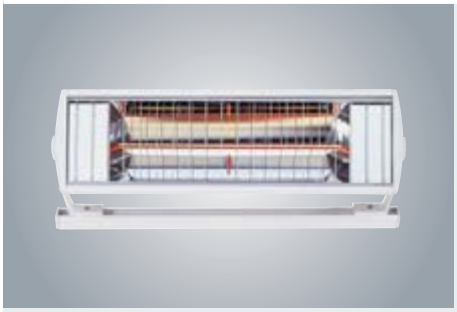
WeiTronic Sensero-868 AC 230

Sun, wind and rain sensors – automatically protect your product and prevent excess heat (optional)

The WeiTronic series remote sensors automatically extend the awning when the sun shines and reliably retract it in the wind or rain.

Available types:

- WeiTronic Sensero-868 AC 230 sun, wind and rain sensor
- WeiTronic Aero-868 AC 230 sun, wind and rain sensor (or solar-run WeiTronic Aero-868 solar)



Tempura Universal heating system, high-performance level (optional)

The energy-efficient Tempura infrared heating system has an impressive heating capacity of over 1,500 watt in a tiny housing.

- instant heat: no warm-up time
- turn as required for targeted warmth
- operate and dim using WeiTronic remote control
- splash protection
- comes in 47 standard frame colours plus 9 scratchproof, resistant trend colours with a smart, textured look
- option: 150 special RAL colours
- universal bracket makes it easy to retrofit
- TÜV tested

Example: wind supports on a weinor awning

Wind supports – stable even in strong winds (optional)

Wind supports stabilise the front rail when the wind blows.

- reduces the stress put on the wall brackets
- quickly assembled using ball couplings
- firmly anchored to the ground using ground sleeve or base plate
- or fixed flexibly using transportable moulded stone
- compensates for uneven surfaces

Some options incur a surcharge. Please refer to the weinor awnings price list for costs.

Determining the diagonal and clearance height:

1. Find the diagonal by looking in the 'diagonal' table for the patio depth.

2. Using the diagonal from the table and the required pitch, consult the 'clearance height' table for the clearance height. This clearance height refers to a mounting height of 300 cm.

3. Add/subtract the difference between 300 cm and the actual mounting height to/from the clearance height in the table.

Determining the diagonal

This table can be used to find the awning diagonal for any given horizontal patio depth.

Pitch	Patio depth in cm					
	150	200	250	300	350	400
5°	150	200	250	300	350	400
15°	150	210	260	310	360	410
25°	160	220	270	330	390	440

Diagonal in cm (rounded figures)

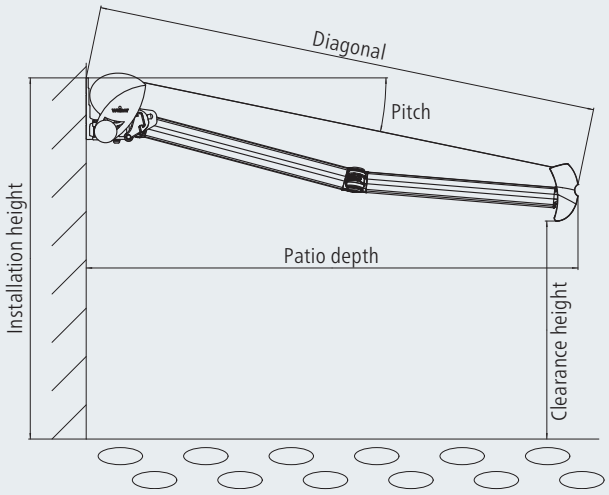
Determining the clearance height

This table is used to find the clearance heights for various diagonals when the tilt angle is 5°, 15° or 25°.

This table is based on the example of an installation height of 300 cm (upper edge of awning).

Pitch	Diagonal in cm					
	150	200	250	300	350	400
5°	270	270	260	260	250	250
15°	240	230	220	210	200	180
25°	220	200	180	160	140	110

Clearance height in cm (rounded figures)



Wall mounting on C20/25 concrete with up to 200 mm facing, wind resistance class 2 and a permissible centric tensile load of 5.71 kN for anchor bolts

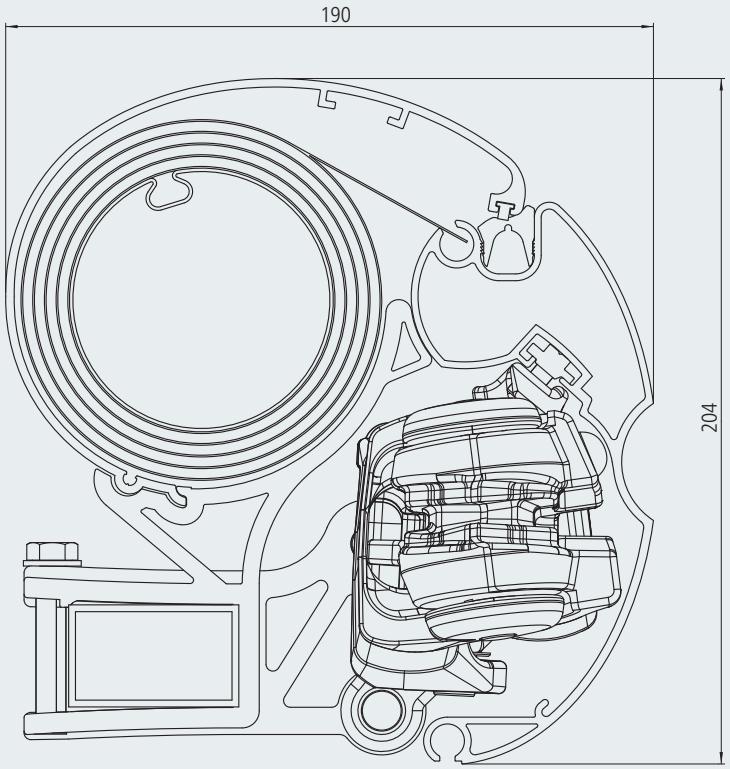
Sizes and bracket recommendations

Width in cm	Number of arms	Diagonal in cm (irregular figures possible)				
		150	200	250	300	350
195 – 200	2	2				
201 – 250	2	2	2			
251 – 300	2	2	2	2		
301 – 350	2	2	2	2	2	
351 – 400	2	2	2	2	2	2
401 – 450	2	3	3	3	3	5
451 – 500	2	3	3	3	3	5
501 – 550	2	3	3	3	3	5
551 – 600	2	3	3	3	5	5
601 – 650	2	5	5	5	5	5
651 – 700	3	7	7	7	7	7

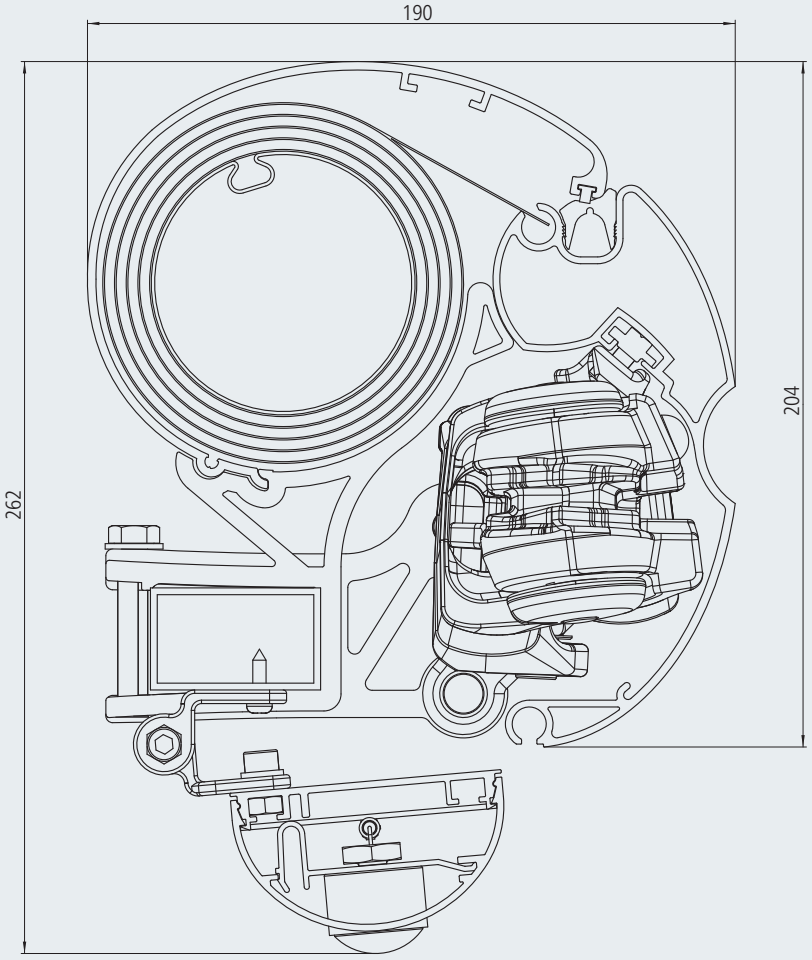
Standard wall brackets (85 mm)

Cross-sections of the Semina

Cross-section of Semina



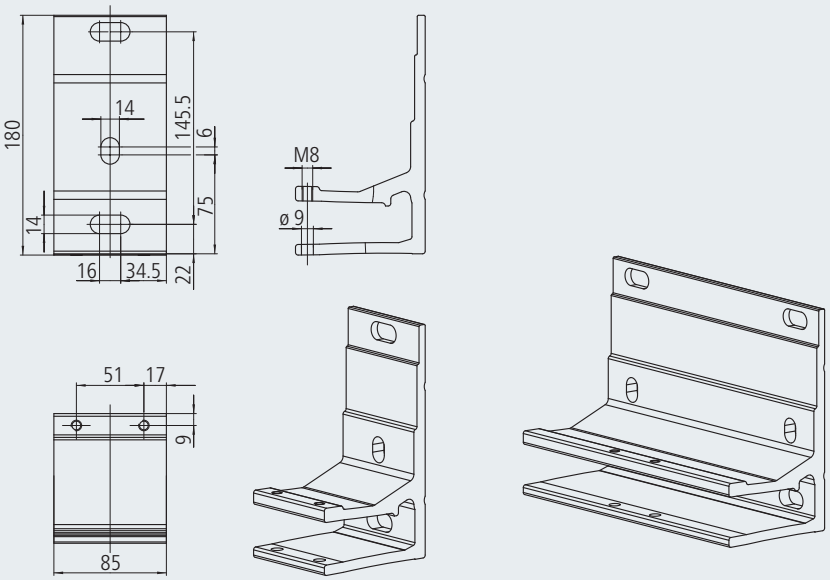
Cross-section of Semina with LED Design light bar



Wall, ceiling or rafter installation – suitable for various building conditions

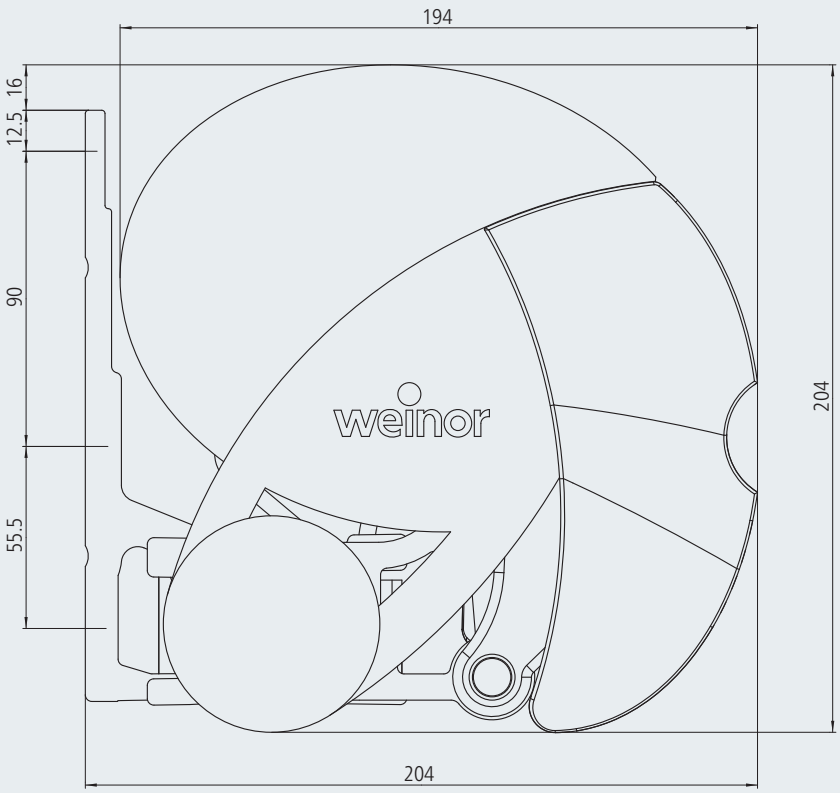
The tried-and-tested support pipe construction makes for uncomplicated and flexible installation: simply align and screw down the brackets, then slide the awning onto the support pipe in the brackets and secure in place. Done! The brackets and mounting plates are made of extruded, powder-coated aluminium.

Wall installation



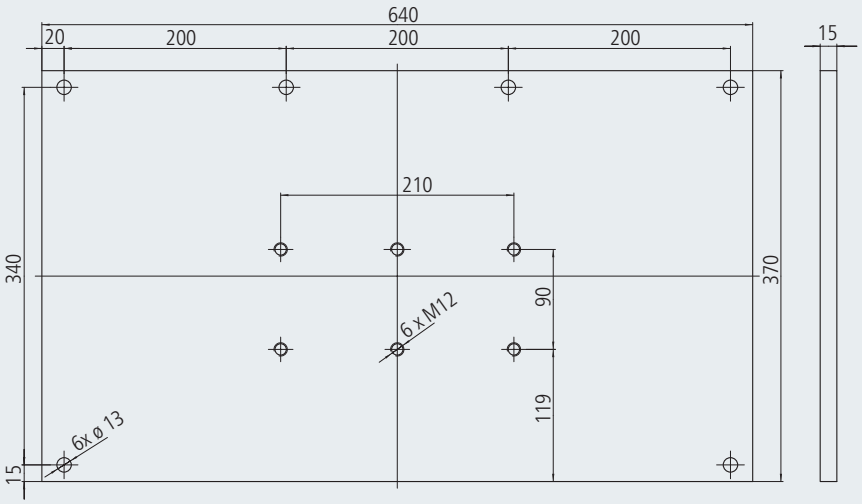
Wall bracket, 85 mm

Wall bracket, 260 mm

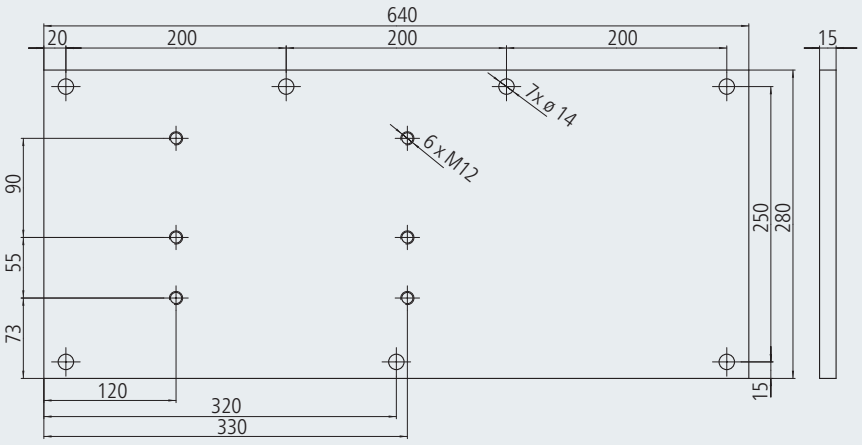


Side view with 85 mm wall bracket

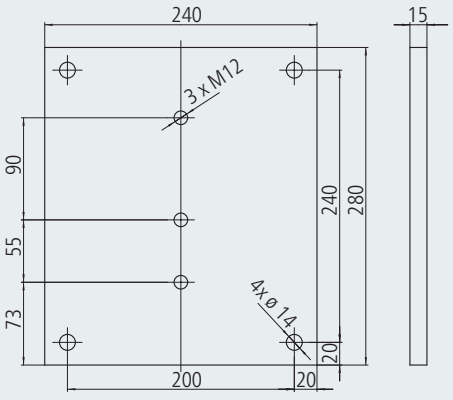
Mounting plate, 640 x 370 x 15 mm



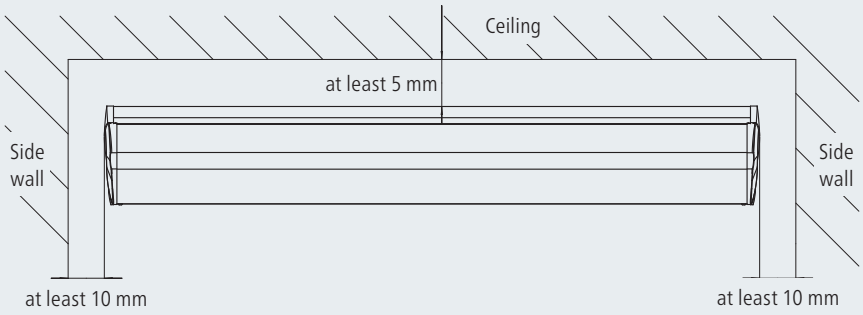
Mounting plate, 640 x 280 x 15 mm



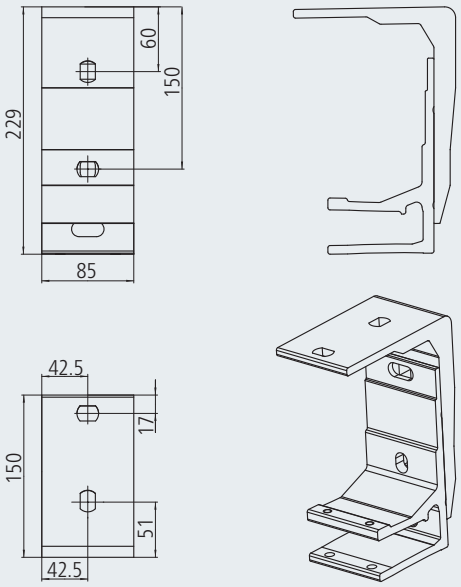
Mounting plate, 240 x 280 x 15 mm



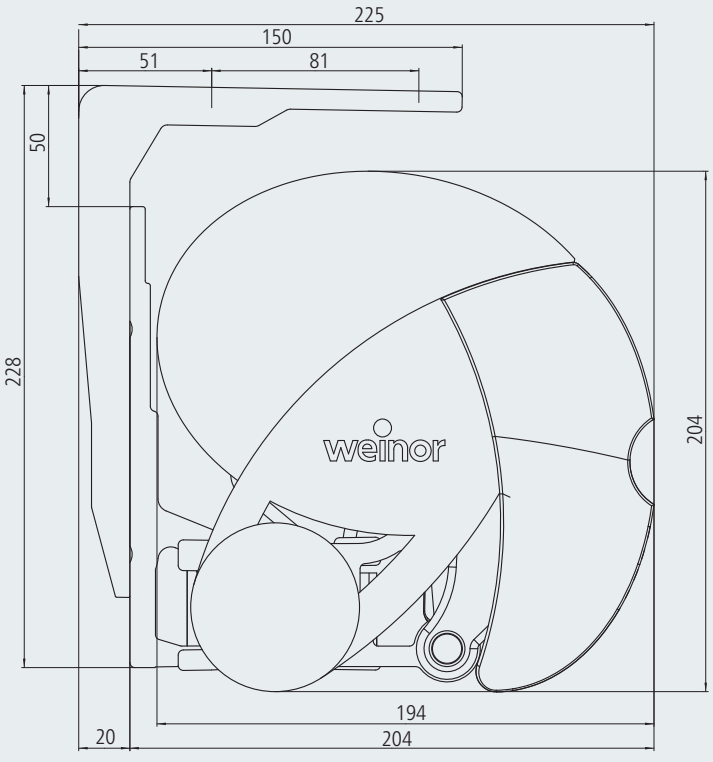
Minimum spacing distances for installation



Ceiling installation

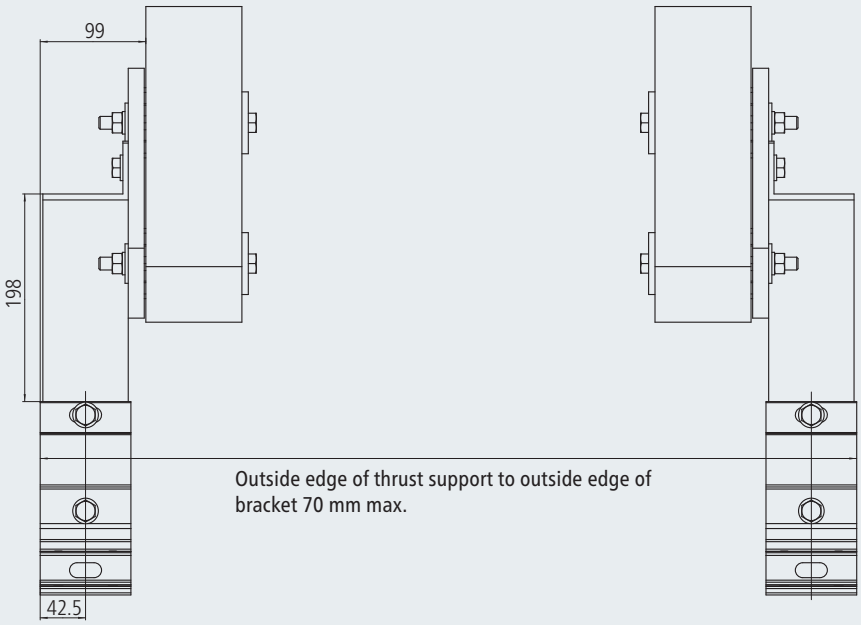


Ceiling bracket

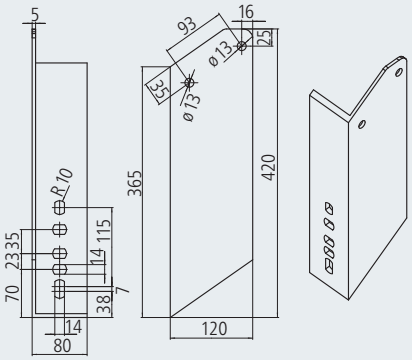


Side view with ceiling bracket

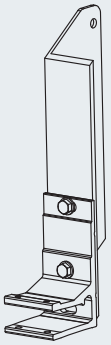
Rafter installation



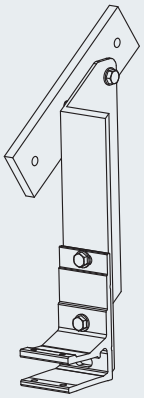
Rafter installation



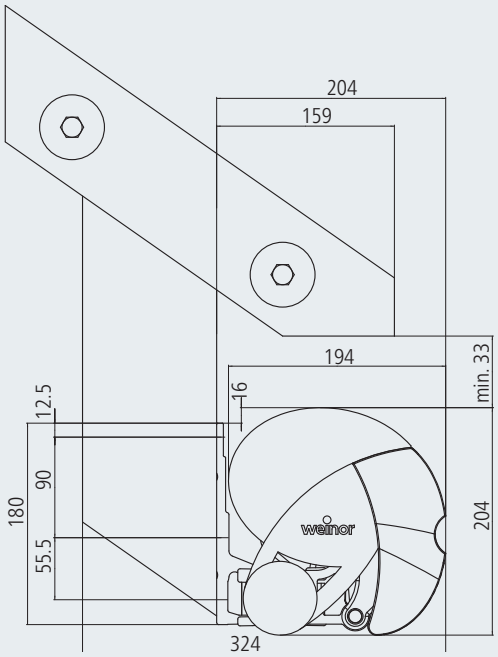
Rafter bracket



Rafter installation without a mounting plate



Rafter installation with a mounting plate



Side view of a rafter-mounted Semina

The extraction force is the force with which the weight of the awning and the wind load pull on each upper fixing. The tables indicate this force in N per upper fixing. It varies depending on the awning size and the wall bracket / mounting plate used.

Selecting the wall bracket and anchoring system:

1. Consult relevant table for extraction force per fixing for selected awning size.

2. Select a wall bracket/mounting plate for which there is a fastener which can resist the indicated extraction force. Remember to take into account the spacing, the area which willl be damaged if the fixing breaks out, the type of fixing used and the assembly base.

See separate bracket overview for other bases.

1 standard wall bracket (85 mm)
1 standard wall bracket (85 mm) per awning arm
fasteners: 2 per bracket

1 standard wall bracket (85 mm)
2 standard wall brackets (85 mm) per awning arm
fasteners: 2 per bracket

or

1 wall bracket (260 mm) plus
1 standard wall bracket (85 mm) as a central bracket,
1 wall bracket (260 mm) per awning arm
fasteners: 10 in all

1 wall bracket (260 mm) plus
1 standard wall bracket (85 mm) as a central bracket,
2 wall brackets (260 mm) per awning arm
fasteners: 10 in all

Mounting plate (240 x 280 mm) incl. 1 standard wall bracket (85 mm),
Standard wall bracket (85 mm) incl. base plate
fasteners: 4 in all

Rawlplug extraction forces

Non-compression-proof assembly base

Extraction forces for rawlplugs in N per upper fixing located close to an arm

Width in cm	Projection in cm				
	150	200	250	300	350
250	932	1979	1955		
	466	990	978		
	233	495	489		
	270	400	568		
300	1076	1595	2257	2971	
	538	798	1129	1486	
	269	399	564	743	
	312	462	654	862	
350	1220	1811	2560	3372	4399
	610	906	1280	1686	2200
	305	453	640	843	1100
	354	526	742	978	1276
400	1364	2028	2862	3773	4912
	682	1014	1431	1887	2456
	341	507	716	943	1228
	396	588	830	1094	1424
450	1508	2244	3164	4174	5425
	754	1122	1582	2087	2713
	377	561	791	1044	1356
	438	650	918	1210	1574
500	1652	2461	3466	4575	6736
	826	1231	1733	2288	3368
	413	615	867	1144	1684
	480	714	1006	1326	1954
550	1796	2677	3768	5533	7331*
	898	1339	1884	2767	3666
	449	669	942	1383	1833
	520	776	1092	1634	2126
600	1940	2894	4070	6095	7927*
	970	1447	2035	3048	3964
	485	724	1018	1524	1982
	562	840	1180	1768	2298
650	2085	3110	4925	6558	8522*
	1043	1555	2463	3279	4261
	521	778	1231	1640	2131
	604	902	1428	1902	2472
700	1486	2217	3514	4680	6079
	743	1109	1757	2340	3040
	372	554	879	1170	1520
	430	642	1018	1358	1762

* 2 standard wall brackets (85 mm) per arm required

Ceiling bracket with wall bracket
fasteners: 2* per bracket

Ceiling bracket with wall bracket
Starting from 5 brackets
fasteners: 2* per bracket

Ceiling mounting (on C20/25 concrete)

Extraction forces in N for ceiling mounting + front mounting on concrete ceilings

Width in cm	Projection in cm				
	150	200	250	300	350
250	1035	1524	2159	2846	3741
	518	762	1080	1423	1871
300	1202	1771	2500	3297	4318
	601	886	1250	1649	2159
350	1370	2017	2841	3749	4896
	685	1009	1421	1875	2448
400	1537	2263	3182	4200	5473
	769	1132	1591	2100	2737
450	1705	2510	3523	4652	6051*
	853	1255	1762	2326	3026
500	1852	2756	3864	5103	7473*
	926	1378	1932	2552	3737
550	2039	3002	4205	6239*	8138*
	1020	1501	2103	3120	4069
600	2207	3249	4546	6755*	8803*
	1104	1625	2273	3378	4402
650	2374	3495	5451	7270*	9467*
	1187	1748	2726	3635	4734
700	1278	2495	3891	5190	6755
	639	1248	1946	2595	3378

* 2 brackets per arm required

Rafter bracket plus
standard wall bracket

Rafter bracket plus
mounting plate for rafter bracket,
plus standard wall bracket

Rafter bracket installation

Shear force in N per fixing

Width in cm	Projection in cm				
	150	200	250	300	350
250	1352	2004			
	621	885			
300	1562	2319	3294		
	721	1027	1421		
350	1773	2634	3734	4940	
	821	1169	1614	2102	
400	1983	2949	4174	5526	7223
	921	1312	1807	2353	3033
450	2194	3264	4614	6112	7962
	1021	1454	2000	2605	3353
500	2405	3579	5054	6698	4916
	1121	1596	2193	2857	2062
550	2615	3894	5495	8181	5350
	1221	1738	2386	3472	2245
600	2826	4209	5935	8853	5785
	1321	1881	2578	3758	2429
650	3036	4524	7114	9525	6220
	1421	2023	3070	4045	5223
700	2389	3499	5431	7223	4715
	1174	1623	2404	3129	2011

One-stop shop

Awnings

Premium quality
Made in Germany

Awning

Awning with Valance Plus and Tempura

Awning with Valance Plus and Paravento

Textile awning with posts

PergoTex and Tempura

Textile patio roof Plaza Home and Paravento

Customised, systemised solutions

Patio roof and Glasoase®

Plaza Pro textile patio roof with Paravento and VertiTex

Terrazza patio roof with Sottezza sun protection

Patio roof with SUPER LITE fixed glazing

Glasoase® with conservatory awning and all-glass elements

Patent no			
EP1310609	1541776	EP0916781	0994221
1403442	2072709	EP0959195	1206609
1382770	0745742	EP0942114	1099808

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We reserve the right to make technical changes. For technical reasons, the colours may appear slightly different when printed.

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