

Helioshade® Cassette

FOLDING ARM AWNING



Using innovative German technology and stylish Italian design, the **Helioshade® Cassette** perfectly protects the awning fabric and its working parts from the harsh Australian environment with a fully closing cassette.

Top quality materials including chromatised aluminium and marine grade stainless steel screws, along with precision engineering down to the last detail ensure perfect functionality and durability.

High strength extruded brackets guarantee a sound fixing, even on difficult façades. The **Cassette** can be fully automated with a motion and wind sensor.



SYSTEM SPECIFICATIONS

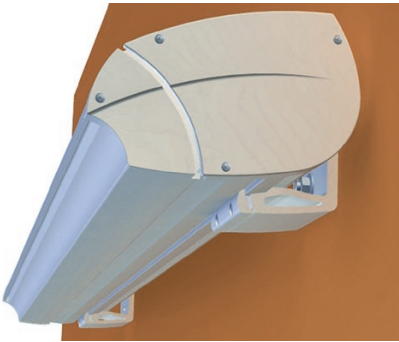
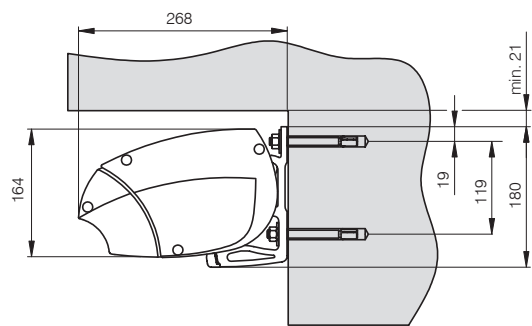
System	Helioshade full cassette retractable awning
Minimum width	2000mm
Maximum width	8000mm
Maximum projection	4000mm (3500mm with Vario-valance)
Installation angle	5-40°
Standard operation	Motor (gear unit and hand crank possible)
Fabric colours	Over 150 fabric colours
Standard frame colours	Over 120 Dulux and custom powdercoat colours
Premium frame colours	Over 50 Dulux Duratec and Electro commercial colours
Valance option	Fabric valance and Vario-valance

TECHNICAL INFORMATION

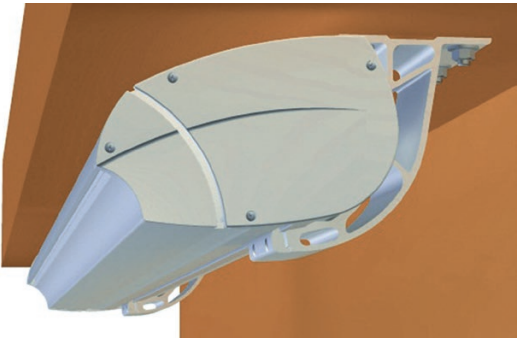
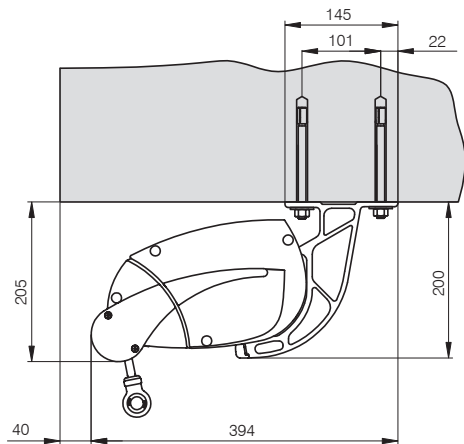
Brackets	Face, top, rafter/soffit fix and fascia brackets
	Face/wall mount brackets: 150 x 180mm and 280 x 180mm
	Top fix brackets: 150 x 145mm
	Fascia brackets: 0°, 10°, 20° and 30° (for up to 3000mm projection)
Mechanism	Helioshade Cassette offers the awning fabric total protection from the elements
	Extremely corrosion resistant due to chromatising of all aluminium parts as well as nuts and screws made of high grade stainless steel
	Architectural grade extruded aluminium
	Articulated folding arms
	High quality extruded and drop-forged arms offer safety and reliability even under extreme loads
Vario-valance (max 3500mm projection)	Unique "Multiflex" power band system ensures proper tensioning of the fabric and consists of four tear-resistant steel cables
	Extendable valance to a maximum of 1600mm drop
	Discreet design harmonises with awning appearance
	Offers additional privacy and sun protection
Testing	Crank operated
	Tested for 70,000 arm operations
	Tested in winds equivalent to 40-50km/hr
Sun and wind control systems	Optional automation via wind control sensor
	Optional automation via Soliris sun and wind sensor
	Automated reaction in high winds
	Adjustable wind sensitivity levels

Mounting situations

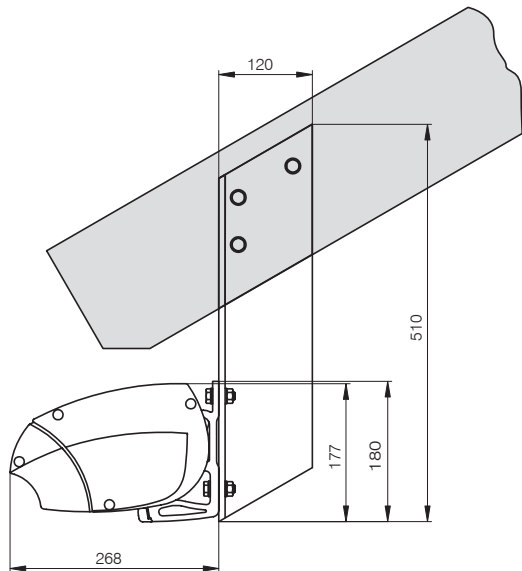
Face mount
5°-40°



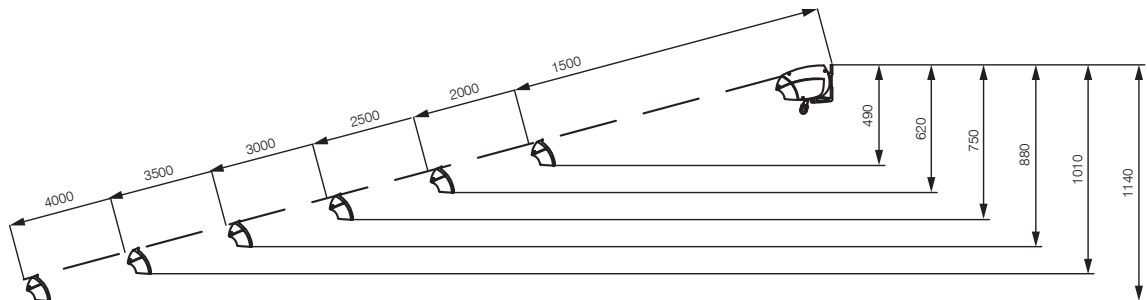
Top mount
5°-40°



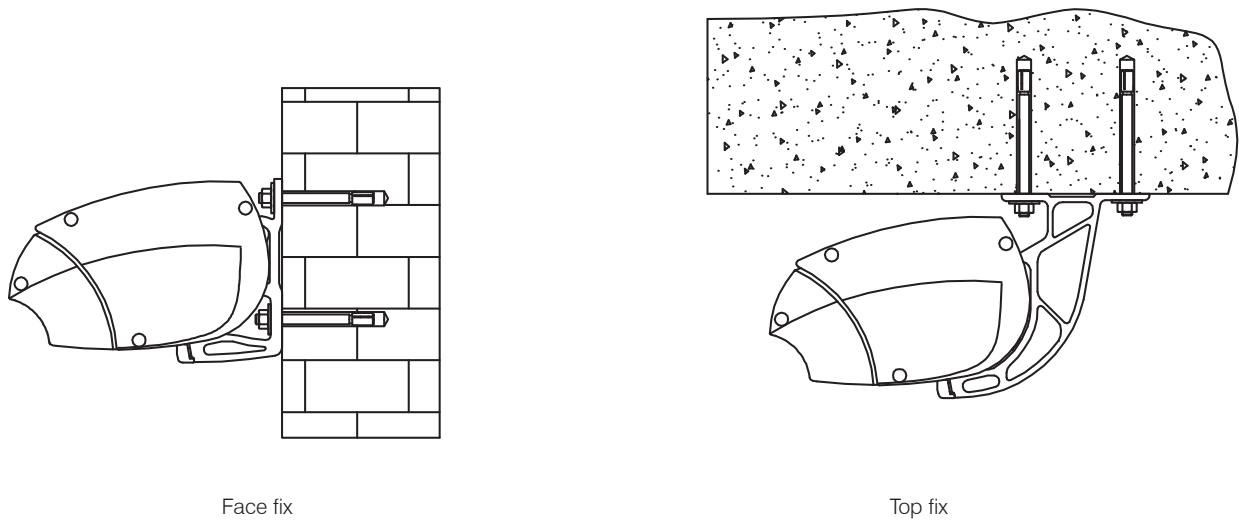
Rafter mount



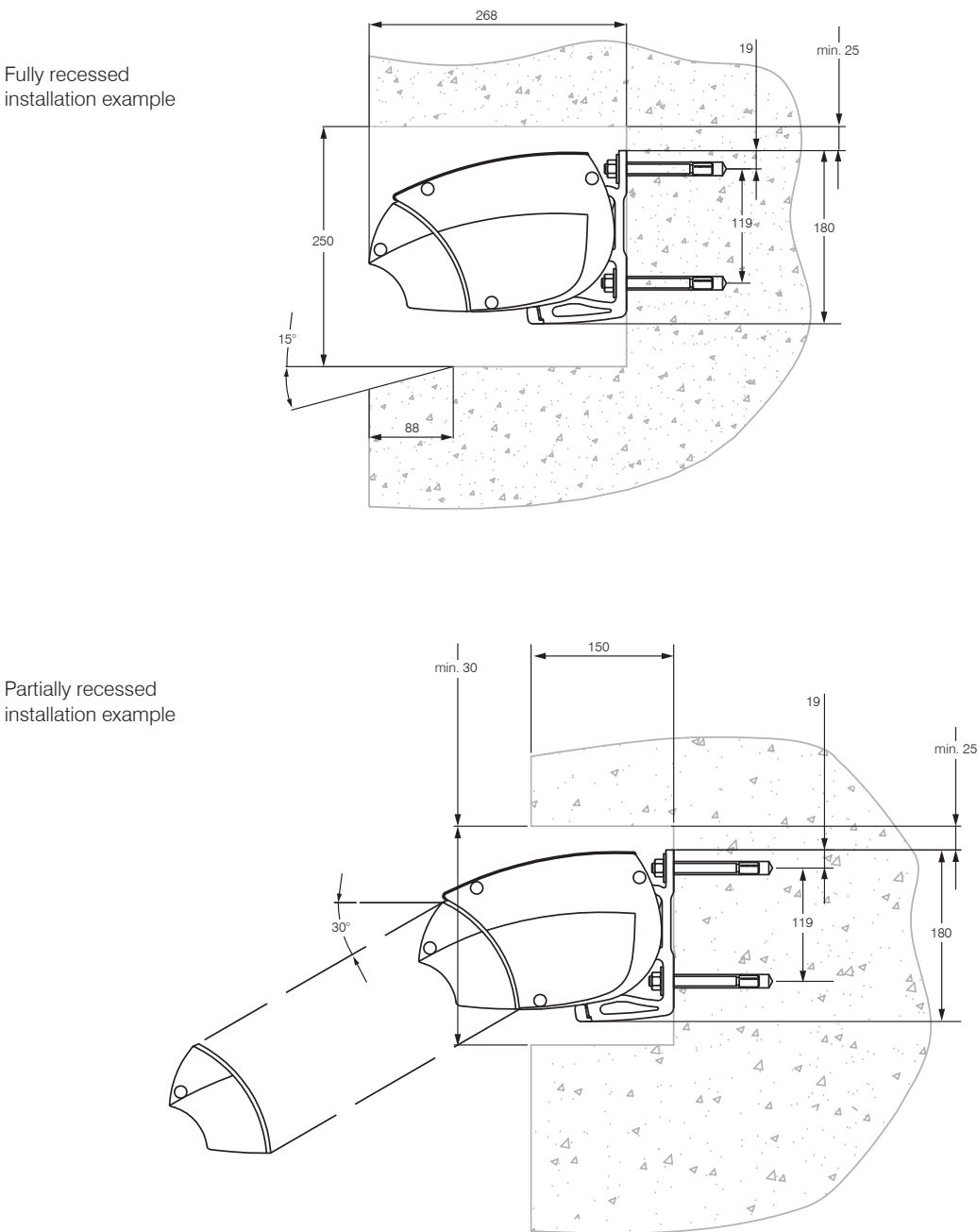
System height for
standard 15° slope



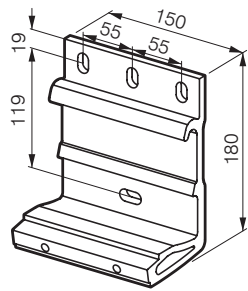
Mounting situations



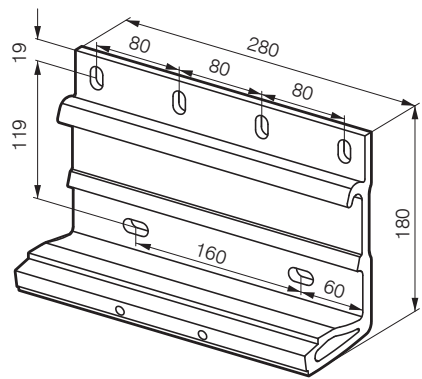
Recessed installations



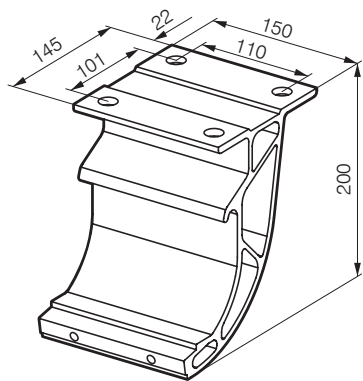
Bracket details



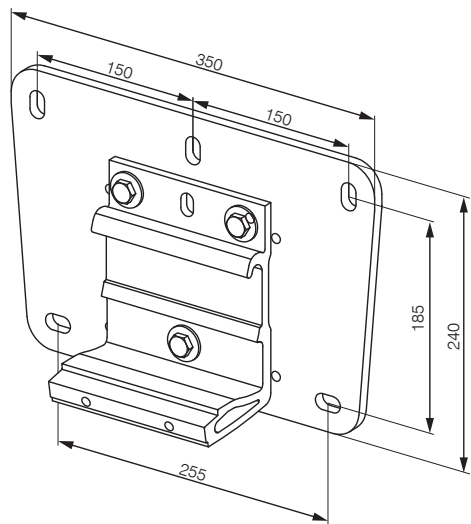
Standard wall mount
4 Holes: 3 x 14 x 20mm, 1 x 14 x 24mm
Standard for 1.5m to 3m projection



Large wall mount
6 Holes: 4 x 14 x 20mm, 2 x 14 x 24mm
Standard for 3.5m & 4m projection

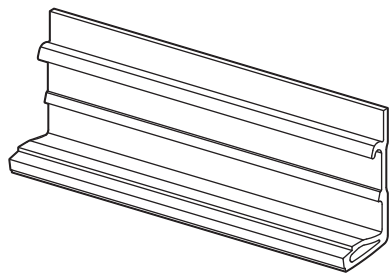


Top mount
4 Holes: 17mm

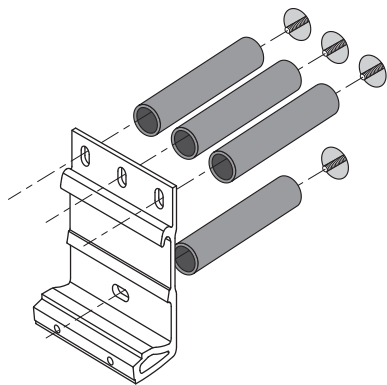


Bracket spreader plate

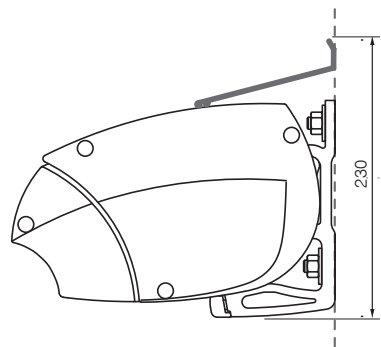
Installation options



Wall bracket profile lengths
– max 3000mm

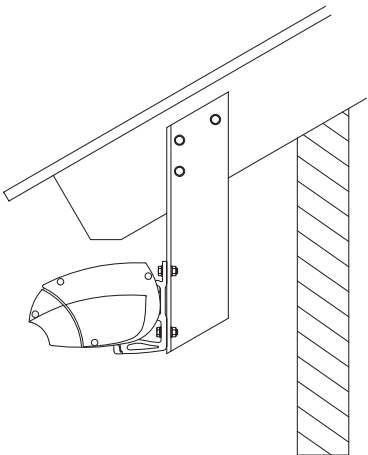


Distance tube

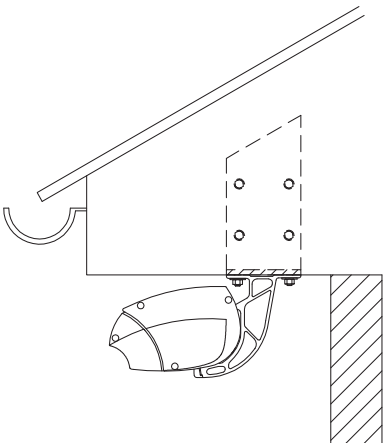


Wall gap profile

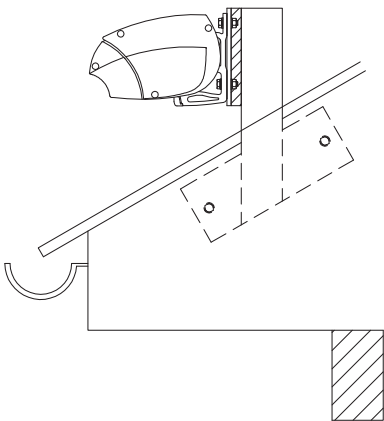
Installation variations



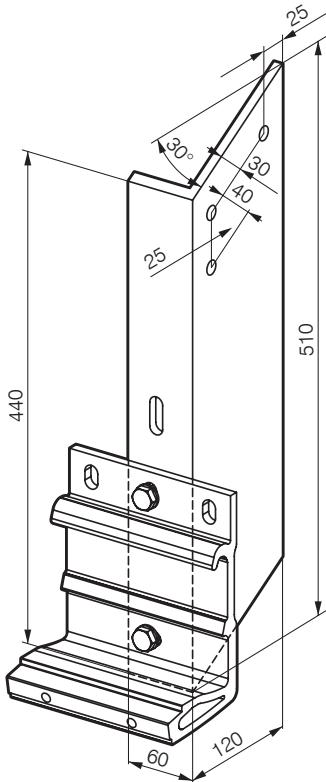
Exposed rafter installation



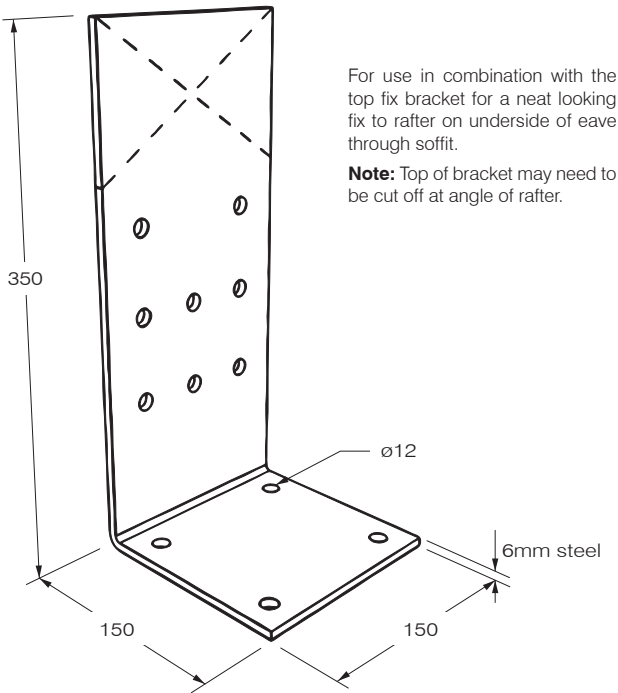
Soffit / under eaves



Roof mount



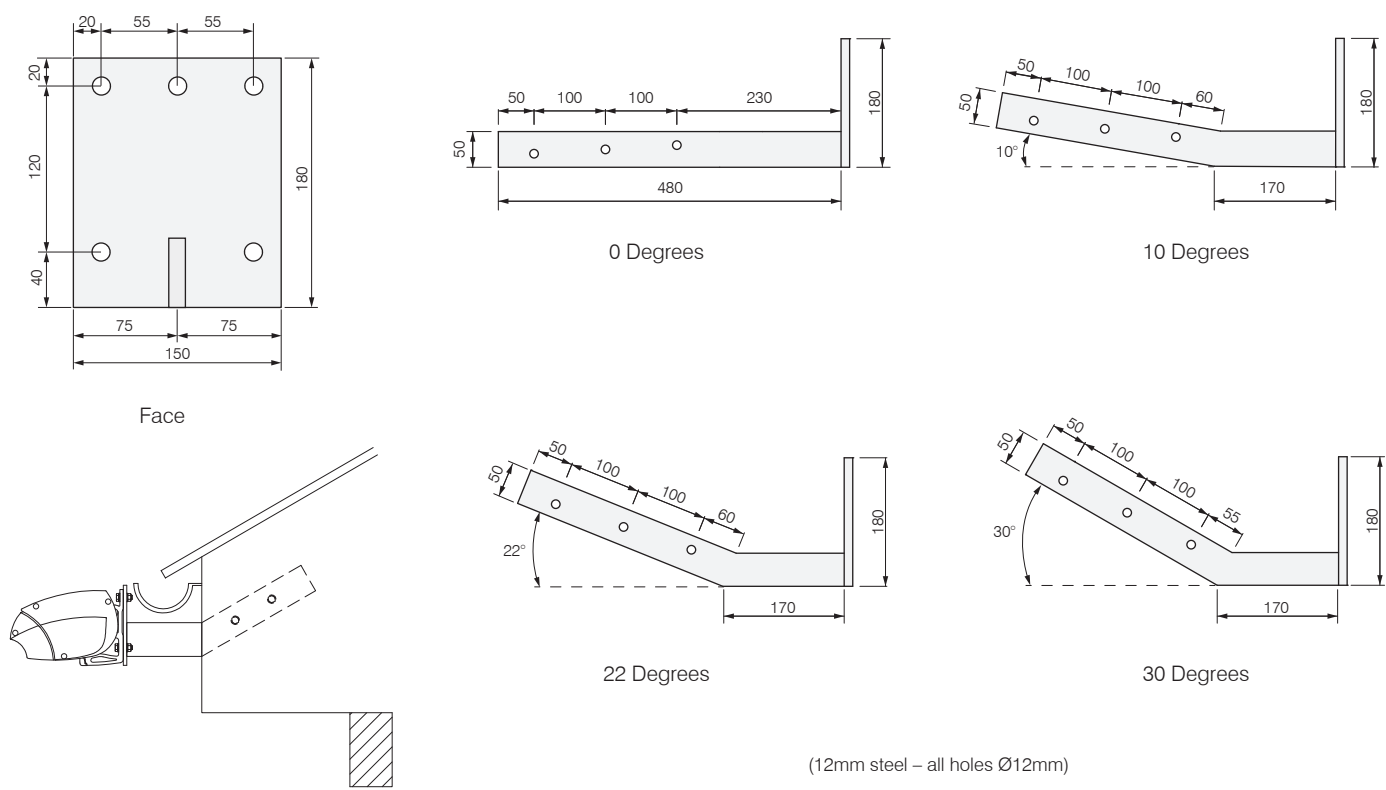
Rafter mount
3 Holes: 12mm



Soffit / rafter fix bracket

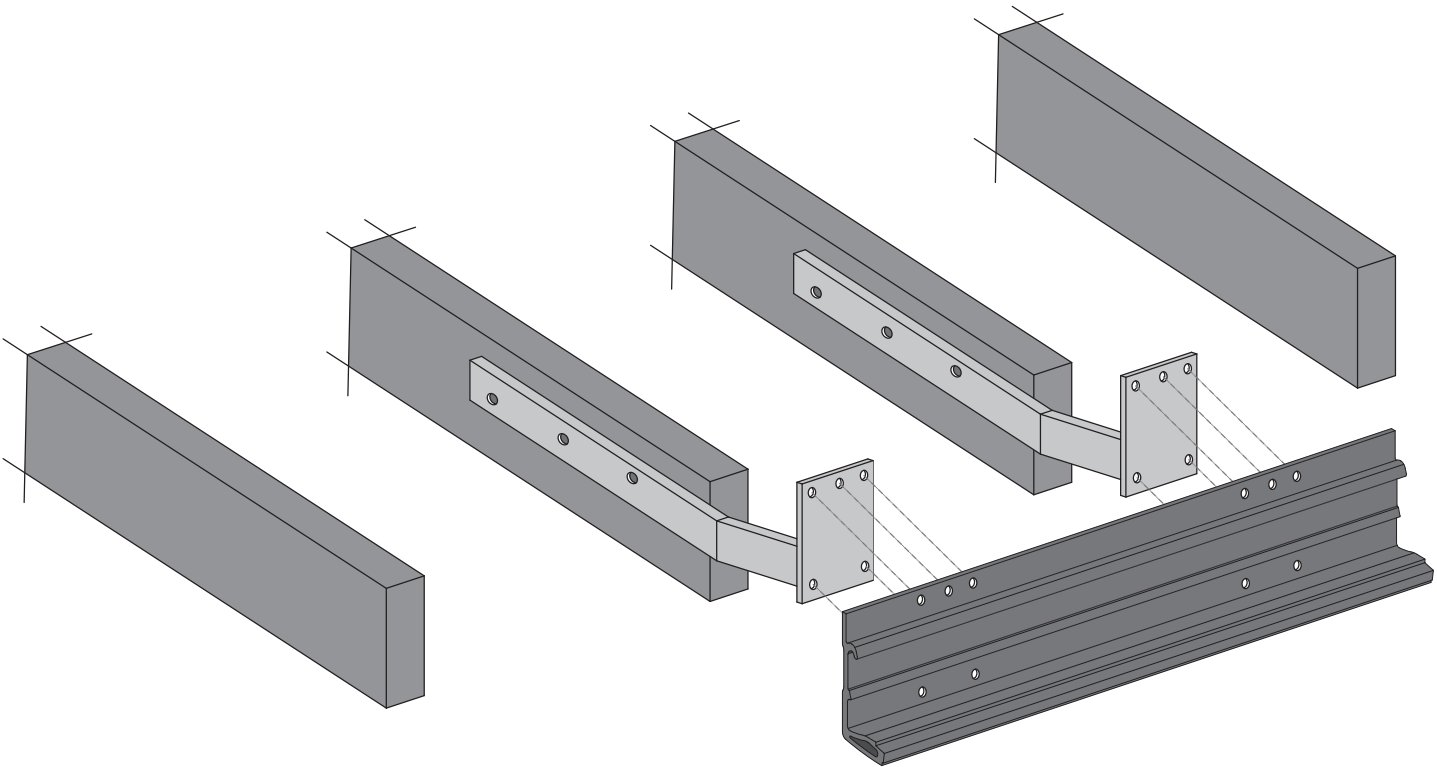
* Custom solution not available from Helioscreen

Fascia bracket details



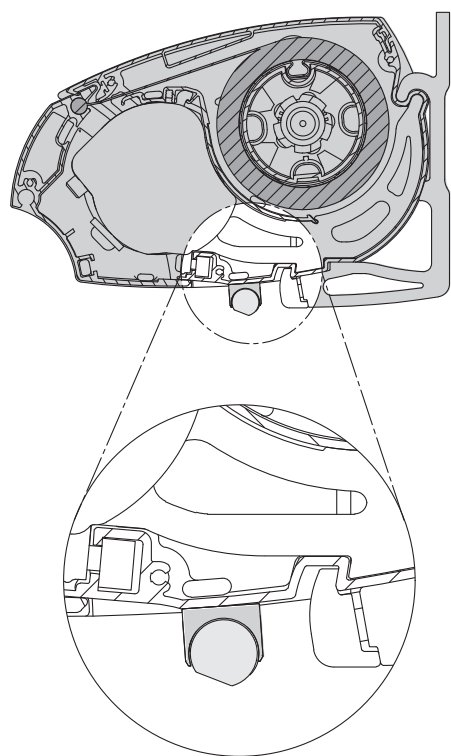
Fascia bracket installation

Twin fascia bracket installation



Where required twin fascia bracket can be used to share the load on rafters.
Cassette brackets can be supplied in custom lengths up to 3000mm.
Fixing holes in brackets need to be drilled on site to suit placement.

LED lighting options



Cassette
with dimmable LED lighting
to underside of cassette



Dimmable LED lighting

Dimmable LED lighting system can be optionally ordered with the Cassette awning. Fitted to each running metre are 100 powerful, high-quality LEDs in the light colour (warm white) of 3200K.

Once the awning is installed the light bar can swivel in a range of +/- 45° to suit the application.

The LED system is supplied with a Somfy RTS connecting box with integrated power supply unit, ready for use.



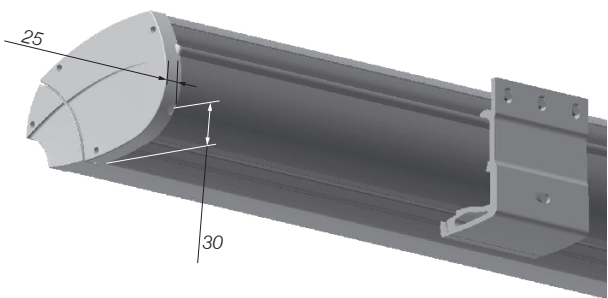
Somfy RTS connecting box

Minimum widths in mm

Projection	Width
1500	2000
2000	2500
2500	3000
3000	3500
3500	4000
4000	4500

Important note: Systems installed side by side must have a 30mm gap between systems

Power cable exits (left or right)



Approximate weights in kg

Proj	1500	2000	2500	3000	3500	4000	Vario- Valance
Width							
2000	39						3
2250	41						4
2500	44	45					4
2750	46	48					4
3000	49	50	50				5
3250	51	53	53				5
3500	54	55	55	56			5
3750	56	58	57	59			6
4000	59	60	60	61	65		6
4250	61	63	62	63	67		7
4500	64	65	65	66	69	71	7
4750	66	68	71	73	77	79	7
5000	69	70	73	75	79	81	8
5250	73	75	78	80	84	86	8
5500	76	78	80	82	87	89	8
5750	78	80	83	85	89	91	9
6000	81	83	86	88	92	94	9
6250	83	85	88	90	95	97	9
6500	86	88	91	93	97	99	10
6750	92	95	99	102	108	111	10
7000	95	97	101	104	111	113	10
7250	98	103	106	109	115	118	
7500	105	108	111	117	120	124	
7750	111	114	119	122	126		
8000	118	120	124	128	132		