

IASO®

Better Outside

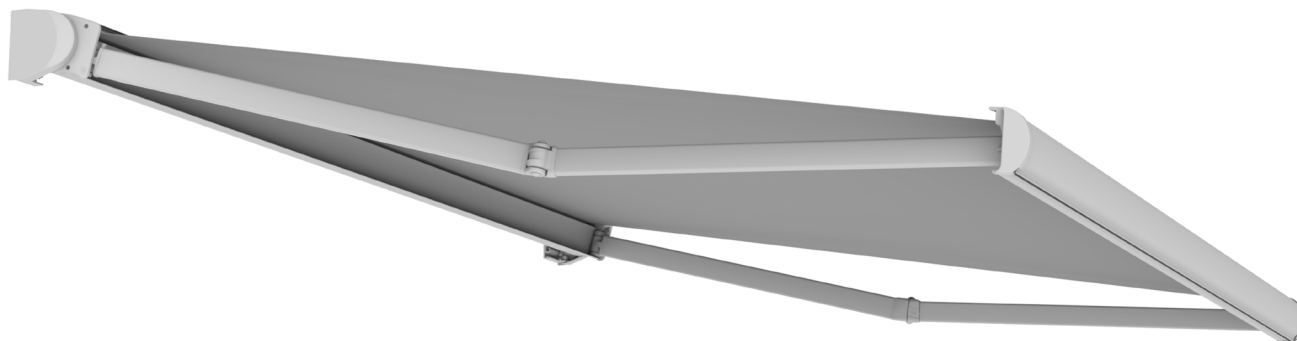
TECHNICAL DATA SHEET

ENGLISH

AWNING

CASSETTE

SOLARA



INDEX	02 DESCRIPTION
	02 TECHNICAL FEATURES
	02 INSTALLATION
	03 EXPLODED VIEW
	04 BRACKET DIMENSIONS
	05 PROJECTION DIAGRAM
	06 MINIMUM SIZE
	06 PRODUCT CLASSIFICATION
	06 RAINFALL CLASSIFICATION
	06 WIND CLASSIFICATION
	07 MOTOR COMPATIBILITY
	07 MOTOR-TUBE (Ø) COMPATIBILITY
	07 MOTORISATION
	08 ACRYLIC FABRIC CONFIGURATION
	08 PLASTIC FABRIC CONFIGURATION
	09 TRANSMITTERS

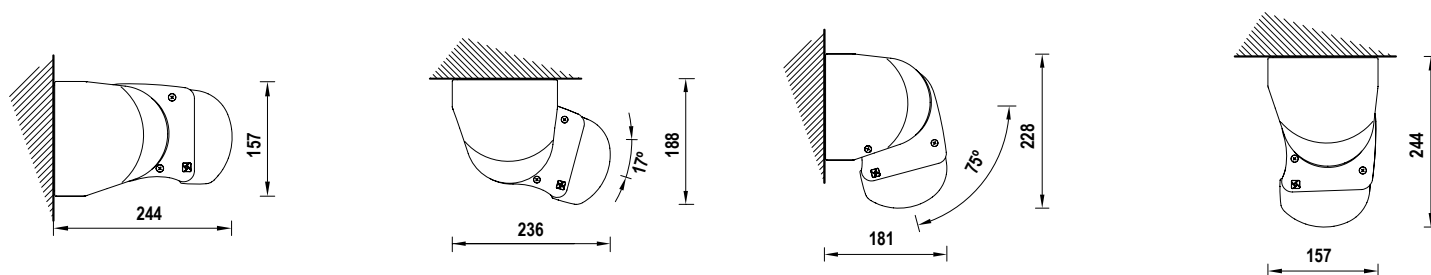
DESCRIPTION

Full cassette awning with an aerodynamic profile featuring smooth, rounded lines that create a highly attractive and harmonious design. This technically advanced retractable awning offers maximum protection and comfort for your home or business. An innovative solution designed to meet the highest demands.

TECHNICAL FEATURES

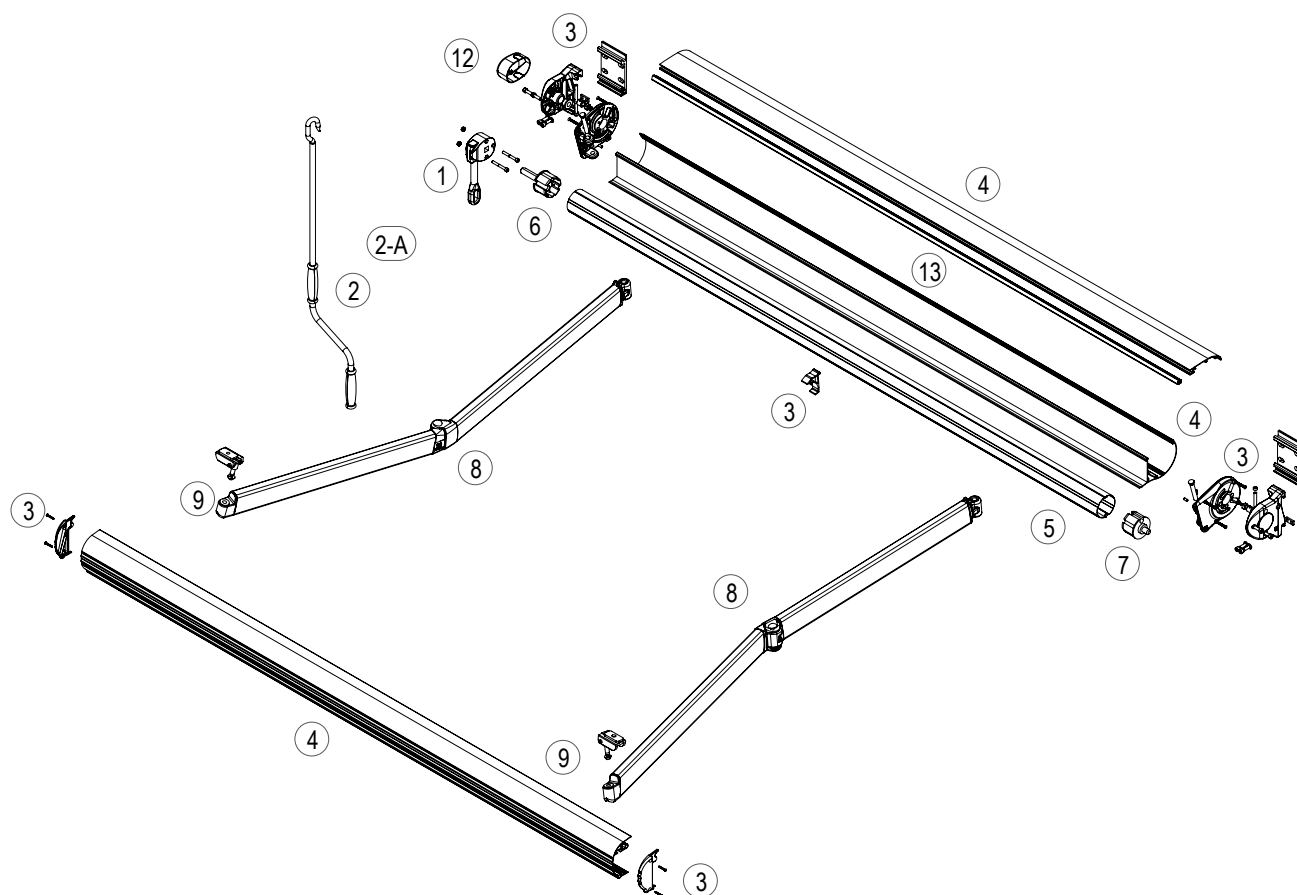
- Structure: 6063-T5 aluminium for the profiles
- Hardware: AISI 304 stainless steel and zinc-plated steel

INSTALLATION



Wall - ceiling installation
0° - 15° - 75° - 90°

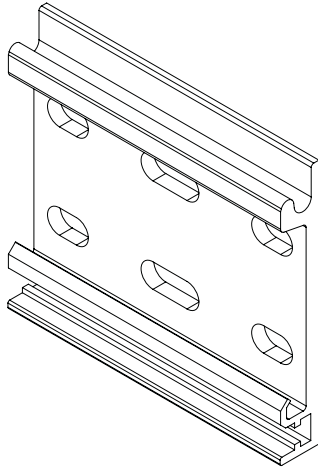
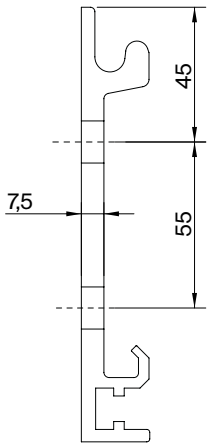
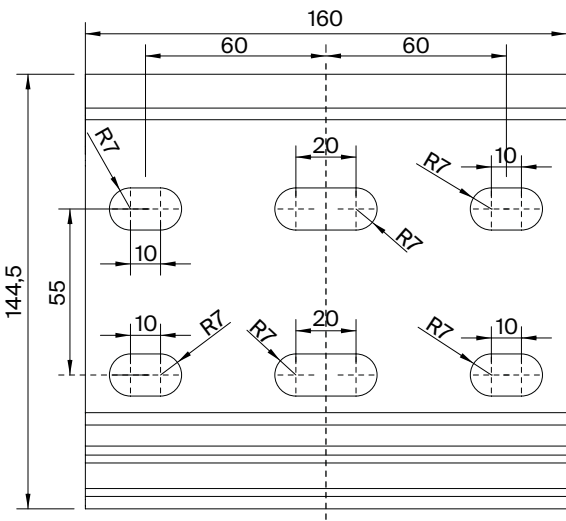
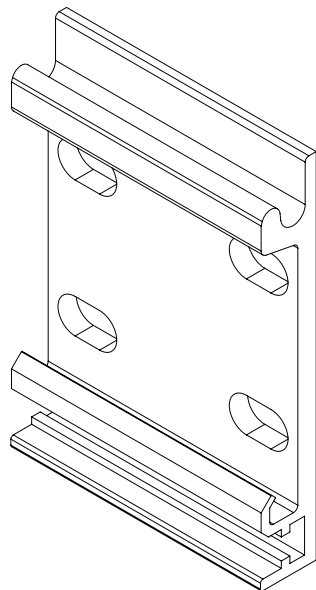
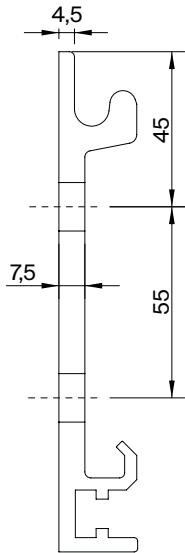
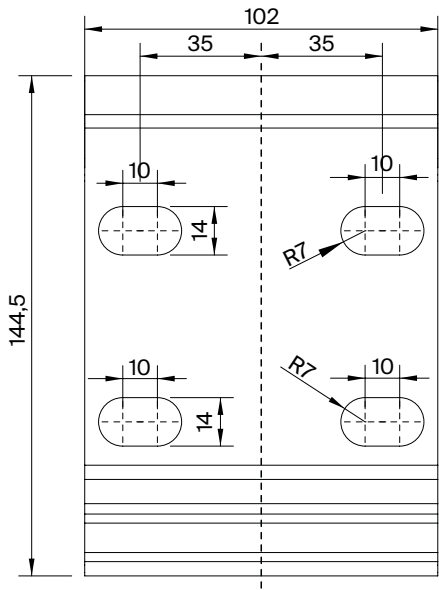
EXPLODED VIEW



- 1 Reduction gearbox
- 2 Crank handle
- 2-A Bracket for crank handle
- 3 Complete brackets kit
- 4 "Base Plus" profiles kit
- 5 Roller tube
- 6 Insert for 13x70 mm square shaft
- 7 Insert for Ø14x20 mm round shaft
- 8 "Spin" cable-driven arms
- 9 Sliders for "Spin" arms
- 12 9:1 reduction gearbox cover cap
- 13 Gasket / rubber seal

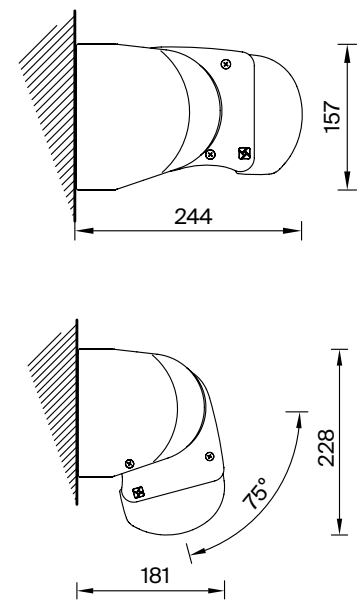
BRACKET

DIMENSIONS

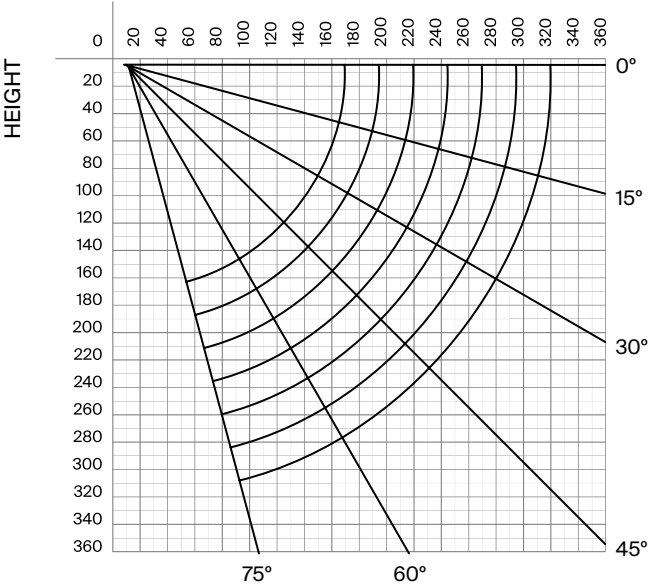


PROJECTION DIAGRAM

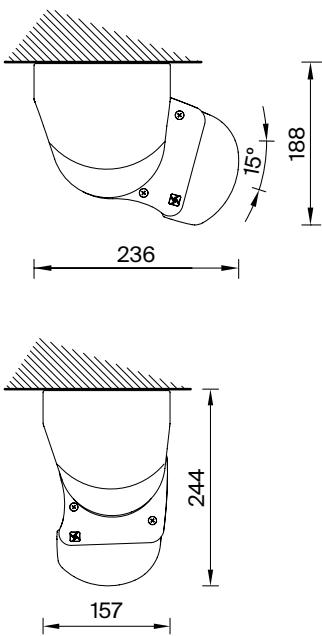
WALL MOUNTING



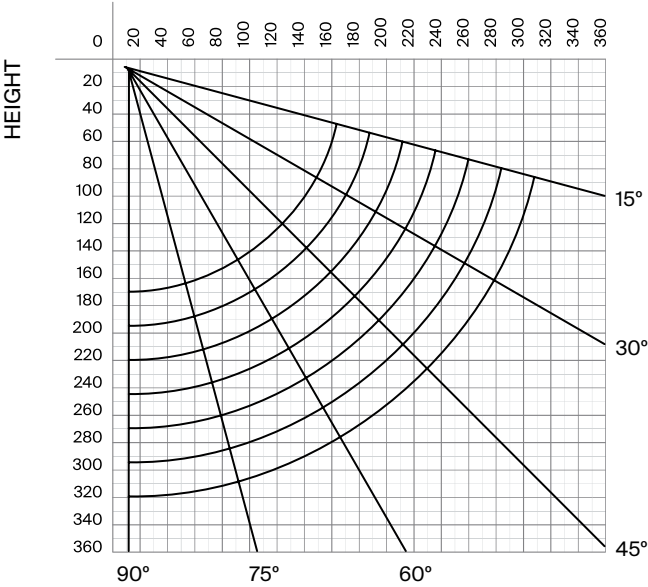
PROJECTION



CEILING MOUNTING



PROJECTION



MINIMUM SIZE

		160	185	210	235	260	285	310
		191	216	241	266	291	316	341
		194	219	244	269	294	319	344

 Projection

 Width

 Internal reduction gearbox

 External reduction gearbox.

PRODUCT CLASSIFICATION

PRODUCT CLASSIFICATION



CLASS	Average hourly intensity (mm/h)	Condition
1	≤ 2	Light
2	> 2 y ≤ 15	Moderate

WIND CLASSIFICATION



CLASS	Beaufort Scale	Wind speed		Pressure	Condition
1	0	0 - 1 km/h	0.0 - 0.3 m/s	0.05 N/m²	Calm
	1	1 - 5 km/h	0.3 - 1.4 m/s	1.21 N/m²	Light air
	2	6 - 11 km/h	1.7 - 3.1 m/s	5.84 N/m²	Light breeze
	3	12 - 19 km/h	3.4 - 5.3 m/s	17.41 N/m²	Gentle breeze
2	4	20 - 28 km/h	5.6 - 7.8 m/s	37.81 N/m²	Moderate breeze
3	5	29 - 38 km/h	8.1 - 10.6 m/s	69.64 N/m²	Fresh breeze

MOTOR COMPATIBILITY

Compatible Motor	
Somfy Sunea io	Simu K7 Star

MOTOR-TUBE (Ø) COMPATIBILITY

Motor torque (Nm)	Motor (mm)	Tube (mm)
≤50	Ø50	Ø70 y Ø80
>50	Ø60	Ø80

MOTORISATION (Nm)

Motor Torque (Nm)	Width (m)							
Projection (m)	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00
1,60	30	30	30	30	30	30	30	30
1,85		30	30	30	30	30	30	30
2,10		30	30	30	30	30	30	30
2,35			35	35	35	35	35	35
2,60			35	35	35	35	35	35
2,85				40	40	40	40	40
3,10				40	40	40	40	50

ACRYLIC FABRIC CONFIGURATION

Projection(m)	Width (m)							
	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00
1,60	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC
1,85		2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC
2,10		2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC
2,35			2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC
2,60			2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC
2,85				2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC
3,10				2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC	2 / 2 / 70 / LSC

* Arms / Brackets / Ø Roller Tube / Front Bar

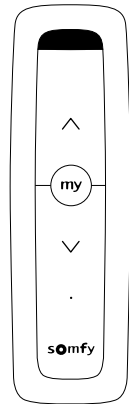
PLASTIC FABRIC CONFIGURATION

Projection(m)	Width (m)							
	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00
1,60	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC
1,85		2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC
2,10		2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC
2,35			2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC
2,60			2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC
2,85				2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC
3,10				2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC	2 / 2 / 80 / LSC

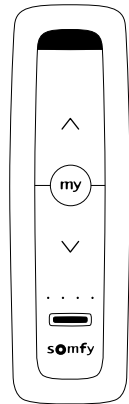
* Arms / Brackets / Ø Roller Tube / Front Bar

TRANSMITTERS

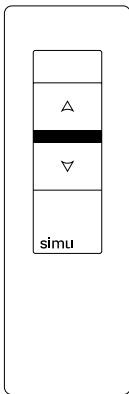
SOMFY SITUO 1	
Frequency	IO 868 MHz
Channels	1
Power supply	CR2032 3V
Range	50 m (20 m indoors)
International Protection rating	IP30
Dimensions	139 × 42 × 16 mm



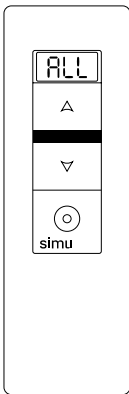
SOMFY SITUO 5	
Frequency	IO 868 MHz
Channels	5
Power supply	CR2430 3V
Range	50 m (20 m indoors)
International Protection rating	IP30
Dimensions	139 × 42 × 16 mm



SIMU MOBILE 1C	
Frequency	433,42 MHz
Channels	1
Power supply	CR2430 3V
Range	50 m (20 m indoors)
International Protection rating	IP30
Dimensions	125 × 40 × 15 mm



SIMU MOBILE 5C	
Frequency	433,42 MHz
Channels	5
Power supply	CR2430 3V
Range	50 m (20 m indoors)
International Protection rating	IP30
Dimensions	125 × 40 × 15 mm
Screen	Yes



* Compatibility notice: Somfy transmitters are exclusively compatible with Somfy motors, and Simu transmitters exclusively with Simu motors.



We believe in the *elegance* of engineering.