



# Helioshade® Cocoon Cassette

## FOLDING ARM AWNING



When modern architecture calls for slim and compact the **Cocoon Cassette** awning offers the ideal shading solution with full protection to the system and fabric when not in use.

Utilising the highest quality materials including chromatised aluminium, high grade stainless steel screws, powdercoated cast end caps, along with precision engineering and design, ensures long lasting durability and functionality.

Tested and proven to well over 70,000 full cycles, the Multiflex 4-cable arm system is the strongest of its kind on the market. With daily use, this is more than a 200-year lifespan.

Ideally suited to harsh Australian conditions, the arm system is optimised for long lasting tautness of the fabric under extended heavy use.



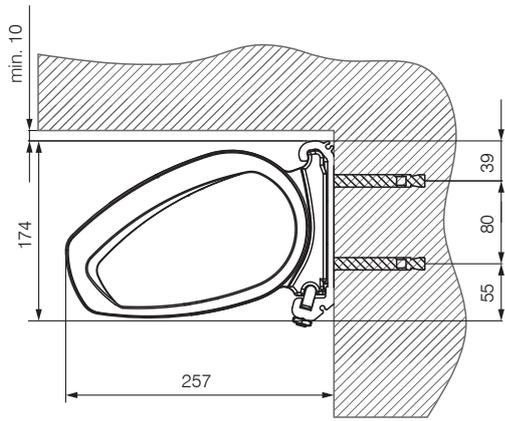
### SYSTEM SPECIFICATIONS

System	Helioshade Cocoon Cassette retractable awning
Minimum width	1710mm
Maximum width	5500mm
Maximum projection	3500mm
Installation angle	5-50°
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	Straight or wavy fabric valance

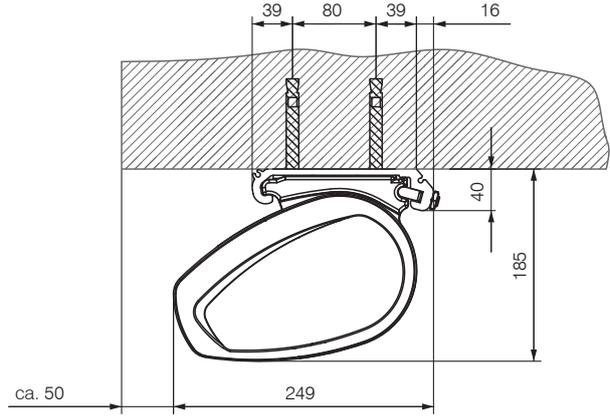
### TECHNICAL INFORMATION

Brackets	Face and top fix brackets
	180 x 173.5mm
Mechanism	The slim and compact Cocoon 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
Testing	High quality extruded and drop-forged arms offer safety and reliability even under extreme loads
	Unique "Multiflex" power band system ensures proper tensioning of the fabric and consists of four tear-resistant steel cables
	Tested for 70,000 arm operations
Sun and wind control systems	Tested in winds equivalent to 30-40km/hr
	Optional automation via wind control sensor
	Optional automation via Soliris sun and wind sensor
	Automated reaction in high winds
	Adjustable wind sensitivity levels

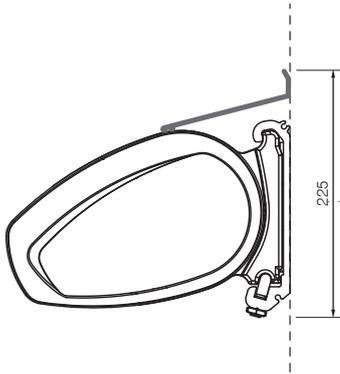
# Installation variations



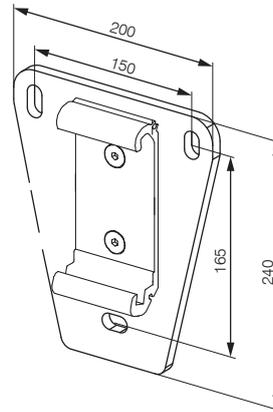
Face mount  
5°-50°



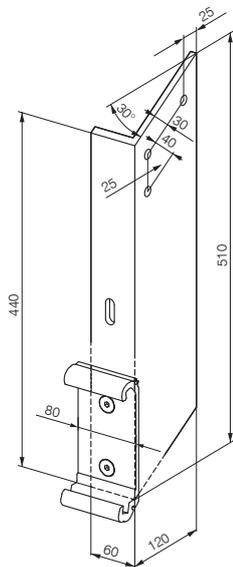
Top mount  
5°-50°



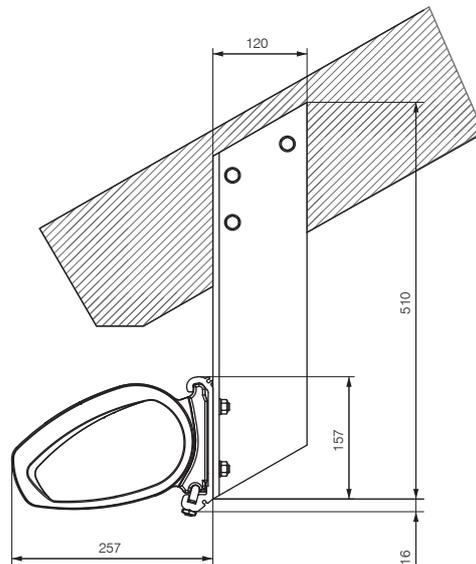
Wall gap profile



Spreader plate

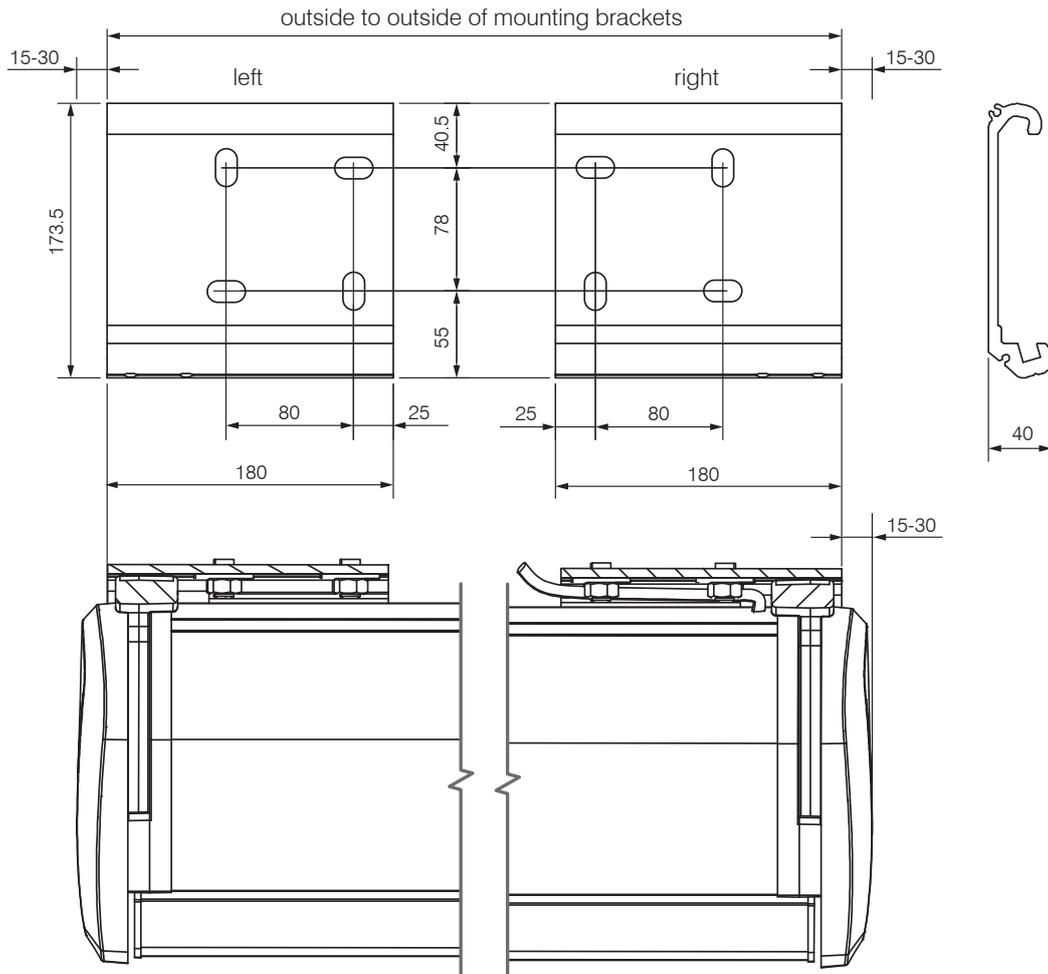


Rafter mount  
3 Holes: 12mm



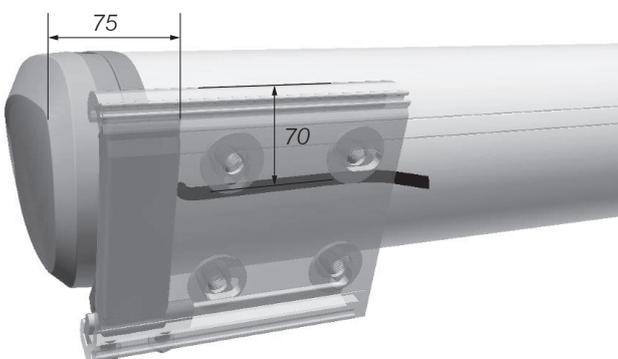
Rafter mount

## Bracket details



Bracket widths  
(Cocoon awning always has two brackets for all sizes, one at each end)

## Power cable exits (left or right)



## Approximate weights in kg

Proj	2000	2500	3000	3500
Width				
2500	40			
3000	45	45		
3500	48	50	52	
4000	54	54	55	58
4500	59	56	58	60
5000	63	66	68	71
5500	70	72	74	78