



RETRACT ROOFS CONFIGURATION

OUTSIDE IN YOUR COMFORT ZONE
BY LOUVRETEC SYDNEY NORTH

220/35 Slimline Retractable Roof BLADE

LOUVRETEC MULTI-CHANNEL CONTROLLER
Custom programmed.

SURFACE FINISHING OPTIONS

A wide range of options are available.



220/35 SLIMLINE RETRACT ROOF

A Multi-purpose Louvre blade compatible as a Retractable Roof, as well as a Standard Spiral Pivot Opening Roof. Very versatile!

The multi-purpose 220/35 Slimline Retractable ROOF combines sleek, clean modern design along with excellent spanning capacity. Because the 220/35 Slimline Louvre is compatible with not only the Retractable system but also as an Opening Roof it's a great choice for large, residential installations with multi Louvretec product applications.

Key Features

- Sleek, functional design, clean and uncluttered when open or closed
- Design strength of an extruded double box-section
- Somfy powered
- "Cushion Closing" onto a bulb seal strip
- Increased closing cover angle for added weather protection
- Larger blade gutter incorporated for extra storm-water dispersal

Clean uncluttered lines

At only 35mm high with a tapering topside, the blades stack superbly and cast minimal shadow when in use.

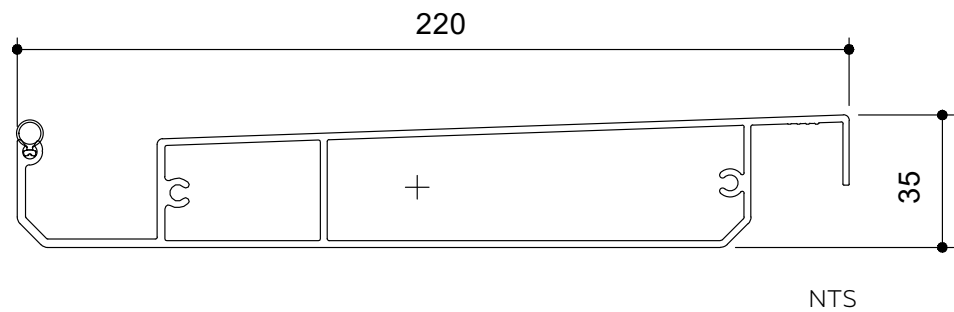
All the operating mechanism, electronics and motors are incorporated within the side frame extrusions, completely hidden from sight and protected from the weather.

Louvretec Retracts are factory assembled, tested and calibrated as part of the manufacturing process. They come to site pre-wired ready for the electrician to connect through a standard junction box.

RETRACT ROOFS SPECIFICATIONS



BLADE SPECIFICATIONS 220/35 SLIMLINE RETRACT ROOF



BLADE SPECIFICATIONS			
Blade cover - opening system	205 mm	Weight per linear metre - opening system	2.655 kg/lm
Weight per square metre - opening system	12.9 kg/sqm	Actual blade width	220 mm
Blade centres - opening system	205 mm		

SPANS AT A GLANCE: Refer Engineering Section.

WIND ZONE	INSIDE	LOW	MEDIUM	HIGH	VERY HIGH	EXTRA HIGH
Factored wind speed at building	Self wt	32 m/s	37m/s	44 m/s	50 m/s	55 m/s
		115 km/hr	133 km/hr	158 km/hr	179 km/hr	198 km/hr
220/35 Slimline Retract Roof 3m Height	4300	4300	4300	4200	4000	3500
220/35 Slimline Retract Roof 6m Height		4300	4300	4050	3500	3150

TYPICAL CROSS SECTIONS



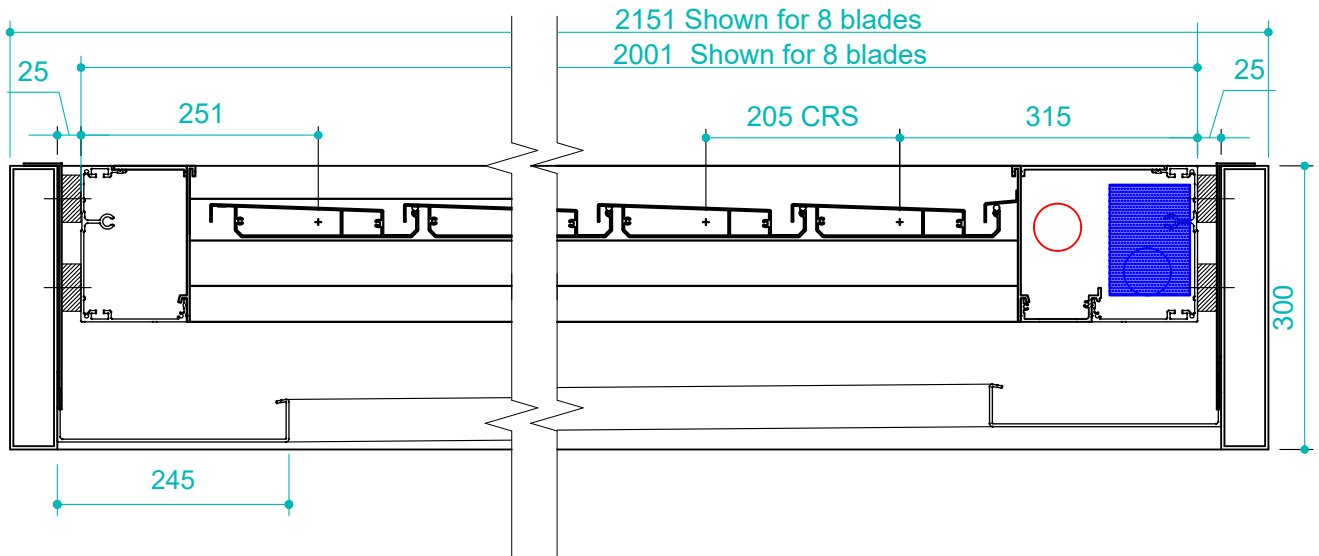
220/35 Slimline Retract Roof
RETRACT BLADES OPEN



220/35 Slimline Retract Roof
RETRACT BLADES
RETRACTED*

*RETRACTED AREA APPROX. 25% OF OPENING

TO CALCULATE EXACT OPENING SIZES FOR RETRACT SYSTEM
REFER TO PAGES 3.24 - 3.35 (DEPENDING ON FRAME CHOICE)
IN THIS SECTION

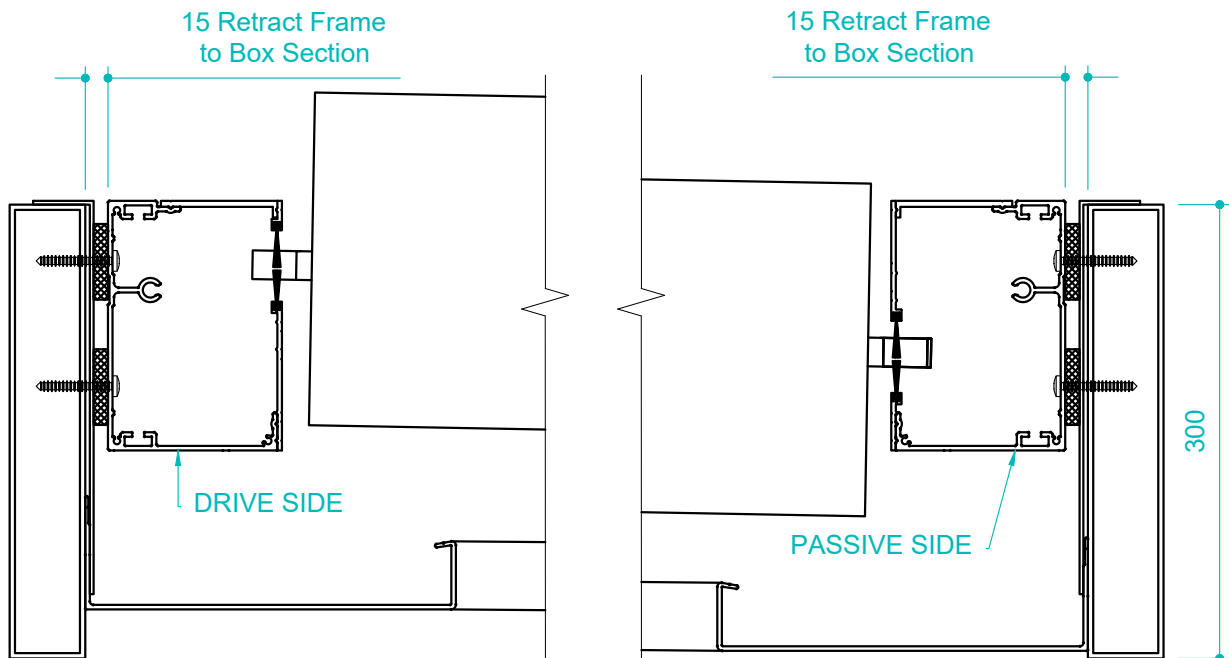


CROSS SECTION THROUGH BLADES

THIS DIMENSION IS CRITICAL AND IS DETERMINED BY THE NUMBER OF BLADES USED AND THE CONFIGURATION OF THE RETRACT ROOF

FOR RETRACT BLADE CALCULATION SHEETS

REFER TO PAGES 3.24 - 3.35 (DEPENDING ON FRAME CHOICE) IN THIS SECTION



CROSS SECTION RUNNING WITH BLADES

THIS DIMENSION IS FLEXIBLE AND LIMITED ONLY BY SPANNING CAPABILITY OF RETRACT BLADE

FOR RETRACT BLADE SPAN CHART

REFER TO PAGES 3.12 IN THIS RETRACT ROOF SECTION