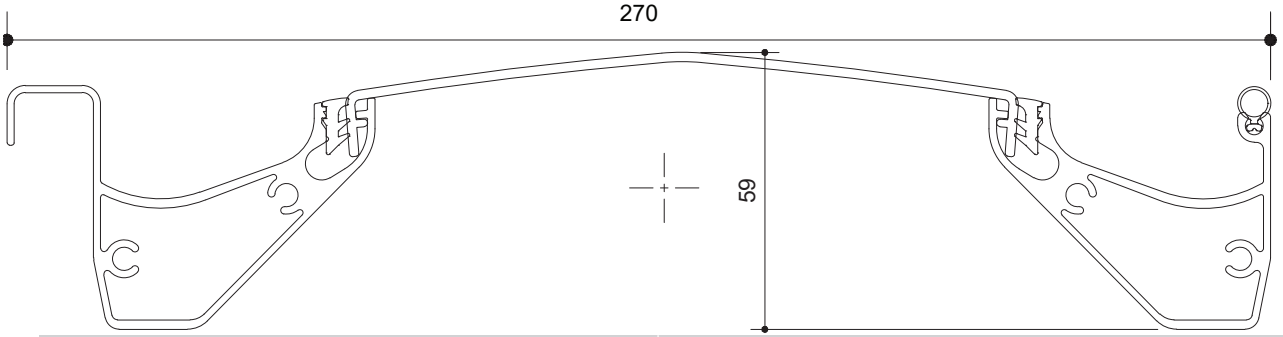
TECHNICAL DETAILS **270 TRANSLUCENT ROOF**



BLADE SPECIFICATIONS			
Blade cover - opening system	256 mm	Weight per linear metre - opening system	2.4 kg/lm
Weight per square metre - opening system	9.4 kg/sqm	Actual blade width	270 mm
Blade centres - opening system	256 mm		

SPANS AT A GLANCE NB:

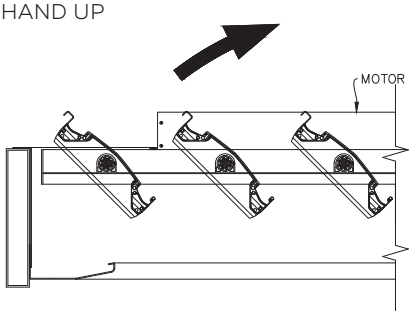
Refer Engineering Section. Climate, terrain, shielding, location, type of structure contribute to determine spans.

WIND ZONE	INSIDE	LOW	MEDIUM	HIGH	VERY HIGH	EXTRA HIGH
Factored wind speed at building	Self wt	32 m/s 115 km/hr	37m/s 133 km/hr	44 m/s 158 km/hr	50 m/s 179 km/hr	55 m/s 198 km/hr
Ultimate limit state loads (kPa)		+0.92 & -1.15	+1.23 & -1.53	+1.74 & -2.17	+2.24 & -2.80	+2.71 & -3.39
270 TRANSLUCENT	4000	3600	3450	3250	3050	2750

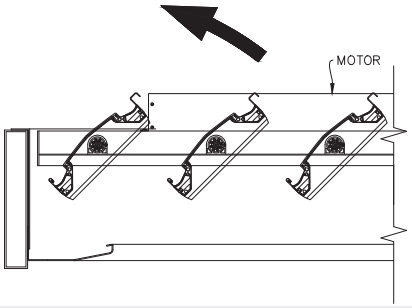
INSTALLATION OPTIONS

CHOOSE DIRECTION OF BLADE PIVOT

LEFT HAND UP



RIGHT HAND UP



CALCULATE OPTIMUM FRAME OPENING SIZES FOR SPIRAL PIVOT

Span: Check engineering span limits

Pivot: Calculation example showing 17 blades

STEP 1

16 blades x 188 Crs	4096
1 blade at 200 (blade size)	+ 270
17 blades	= 4366

STEP 2

Blade cover	4366
+2/22mm clearance @ ends	= 44
Total exact pivot length	= 4410

Extra width 185mm gutter provides cover if clearance increases over 22mm at ends.

Blade direction either Right Hand up or Left Hand up.