WHITE SHUTTERS

1: DESIGN

3 x DESIGNS
Full height
Tier on tier
Tposts

2 x LOUVRE SIZES
Medium 64mm
Large 89mm

2 x CONTROLS
Central rod
Hidden rod

2 x HINGE COLOURS
White
Stainless

2: SIZE LIMITATIONS

MINIMUM PANEL SIZES
Min width196mm
Min height 452mm

MAXIMUM PANEL SIZES
Max width 2449mm (Full height)
Max width 2087mm (Tier on Tier)
Max width 3730mm (Tposts)
Max height 3023mm

TPOSTS
Min panel width 160mm
Min width 670mm (1 Tpost)

TPOSTS
Max panel width between Tposts 600mm
Max frame width 3730mm (3 Tposts)

MINIMUM RAIL HEIGHTS
Min rail height 64mm louvre = 323mm
Min rail height 89mm louvre = 423mm

RAIL LIMITS
Max number of rails in any one panel = 2
Max distance between any two rails = 1270mm

3: RAIL SIZES

RAIL WIDTHS
64mm louvres have 94mm wide rails
89mm louvres have 65mm wide rails
Top/Bottom rails will vary between 90-141mm
Thickness 25mm

NUMBER OF RAILS
Heights 0-1570mm do not require a rail
Heights 1571 - 2285mm require 1 rail
Heights 2286-3000mm require 2 rails

RAIL HEIGHT TOLERANCE
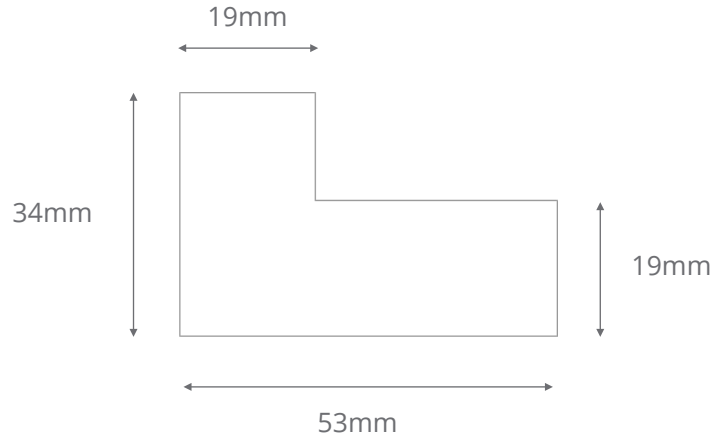64mm = +/- 25mm
89mm = +/- 38mm

SHUTTER STILE SIZE
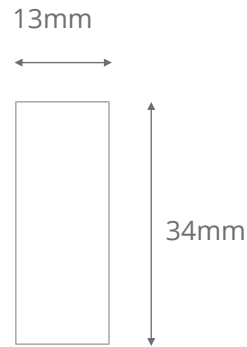Stile width 44mm
Stile depth 32mm

4: FRAME & LOUVRE SIZE

FRAME SIZE
Front width 19mm
Depth 53mm
Back width 34mm
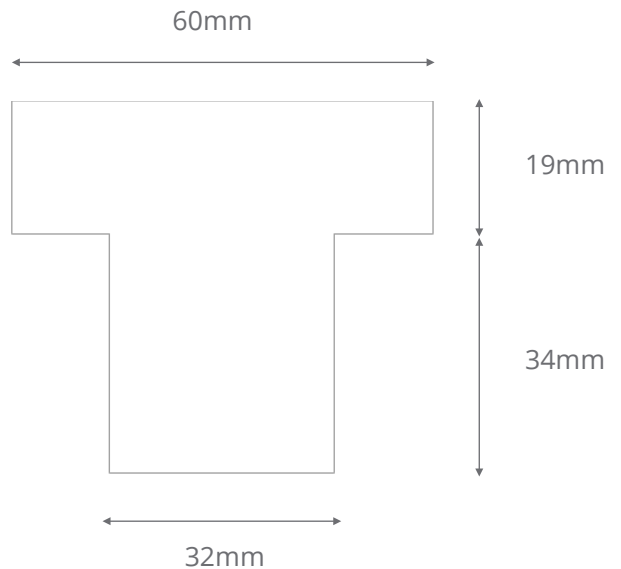Light stop depth 19mm
Light stop width 14mm
Rebate depth 34mm

19mm

34mm

19mm

53mm

EXTENSION SIZES
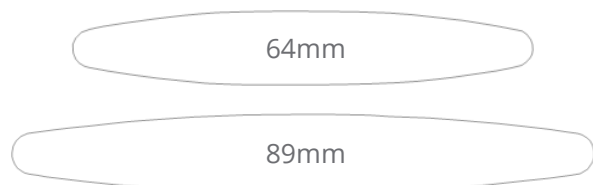Width 34mm
Depth 13mm
Max number 4 per frame

13mm

34mm

TPOST SIZE
Font width 32mm
Back width 60mm
Light stop depth 19mm
Light stop width 1mm
Rebate depth 34mm
Depth 53mm

60mm

19mm

34mm

32mm

LOUVRE SIZE
64mm
89mm

64mm

89mm

WHITE SHUTTERS

5: LOUVRE PROTRUSION

Side view

LOUVRE PROTRUSION 89MM

- Panel only = - 29mm
- L Frame = - 9mm
- 1 extension = 4mm
- 2 extensions = 17mm
- 3 extensions = 30mm
- 4 extensions = 43mm
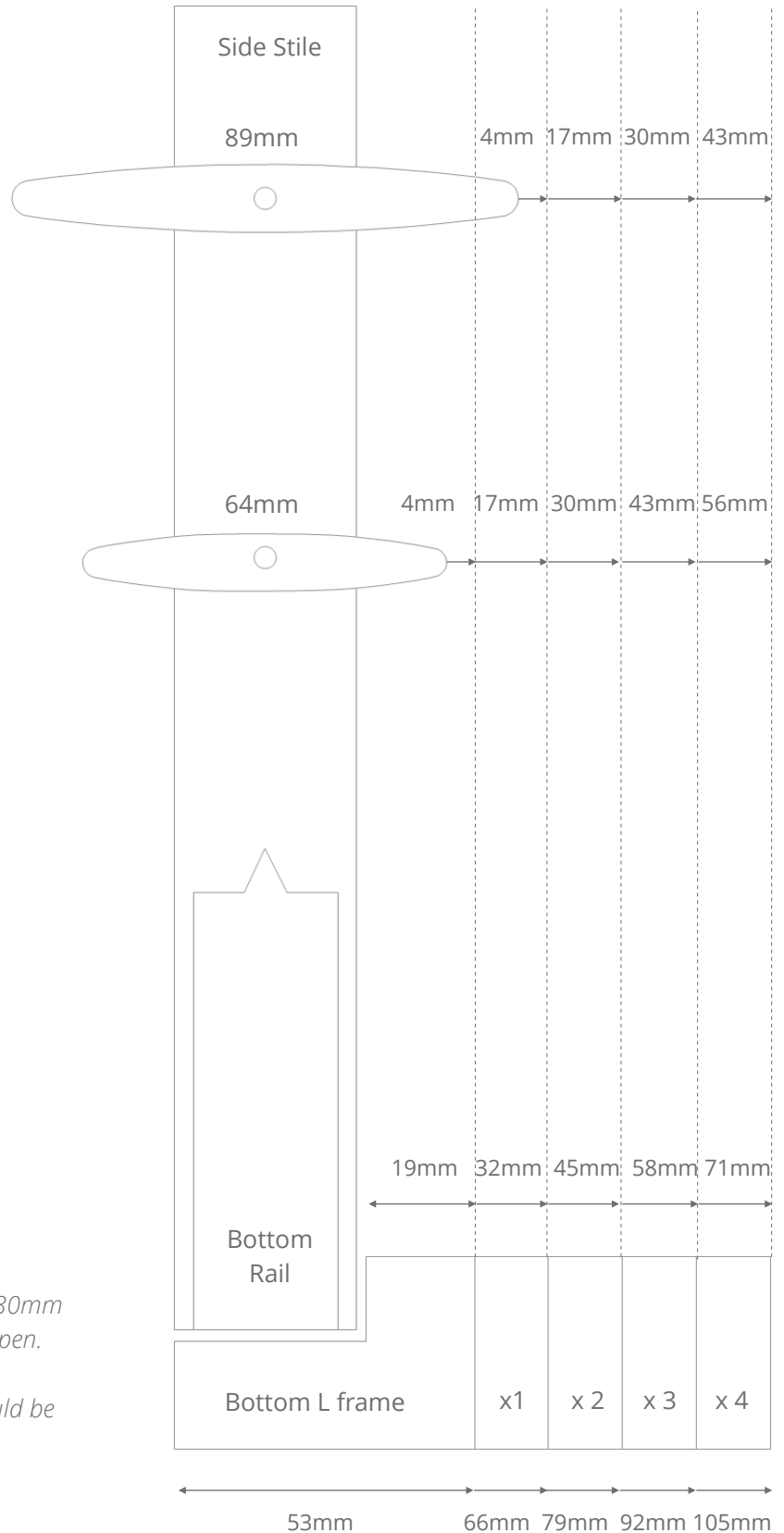
LOUVRE PROTRUSION 64MM

- Panel only = 16mm
- L Frame = 4mm
- 1 extension = 17mm
- 2 extensions = 30mm
- 3 extensions = 43mm
- 4 extensions = 56mm

EXAMPLE

Large 89mm louvres with 3 extensions, will have 30mm of clearance behind the louvre blade when fully open.

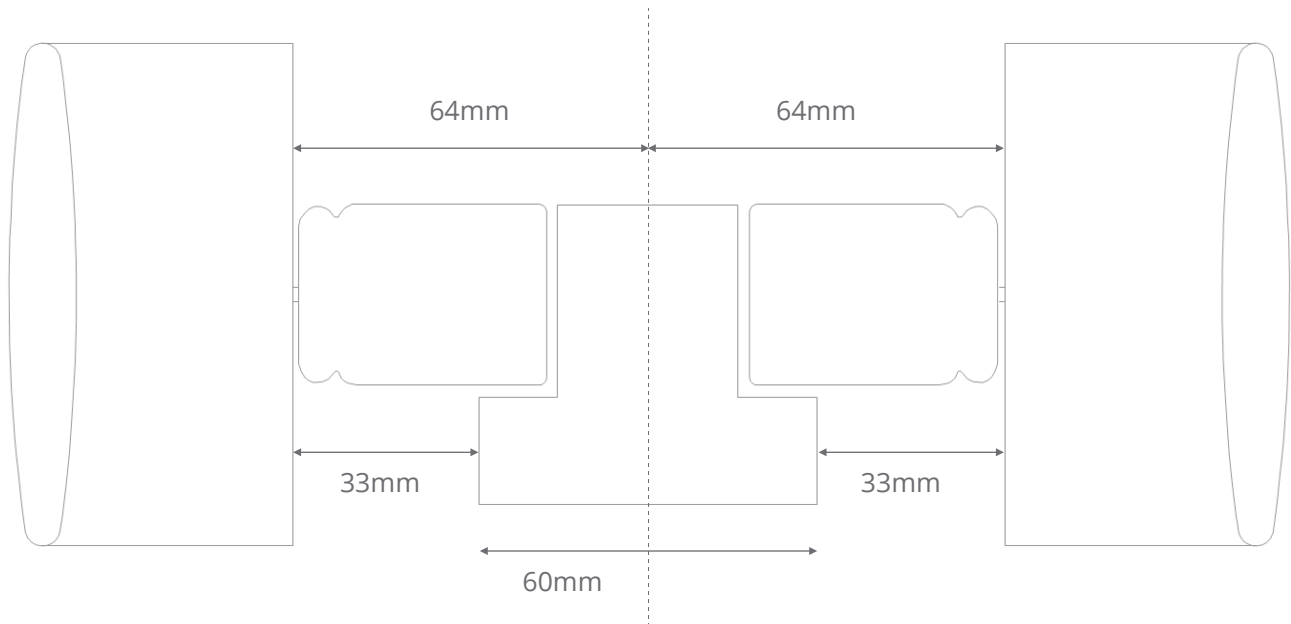*The overall frame depth for this combination would be 92mm*

Side Stile

89mm

4mm 17mm 30mm 43mm

64mm

4mm 17mm 30mm 43mm 56mm

19mm 32mm 45mm 58mm 71mm

Bottom Rail

Bottom L frame		x1	x 2	x 3	x 4

53mm   66mm 79mm 92mm 105mm

6: TPOST LOUVRE CLEARANCE

CROSS SECTION DRAWING OF A TPOST AND LOUVRES
Shows the clearance between the louvre blades

64mm 64mm

33mm 33mm

60mm

7: TOOLS

SCREWS REQUIRED
Front fixing into the window
L frame = 20mm
+1 extension = 30mm
+2 extensions = 45mm
+3 extensions = 60mm
+4 extensions = 70mm

SIDE FIXING INTO THE RECESS
60mm

SUPPLIED IN THE BOX
Frame corner connectors
Cover caps
Tposts fixing blocks and screws

TOOLS REQUIRED
Pencil
Tape measure
Level
Hammer
Cordless drill/driver
Screw driver bit - PZ2
Square drive bit - T1 (For Tpost screws)
10mm drill bit - Main screw holes
Long 4mm drill bit - Pilot the screw holes
Wedges - Pack out the frame
Glue - Mitres