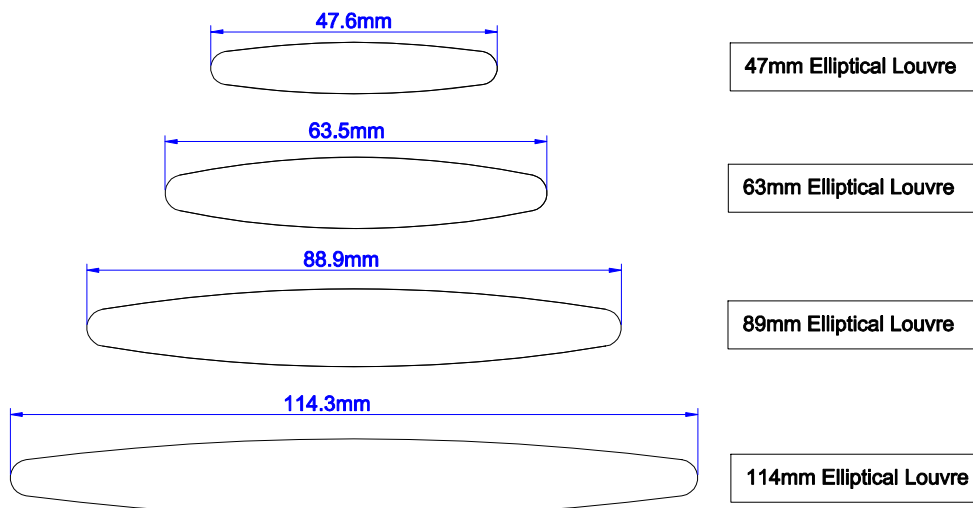
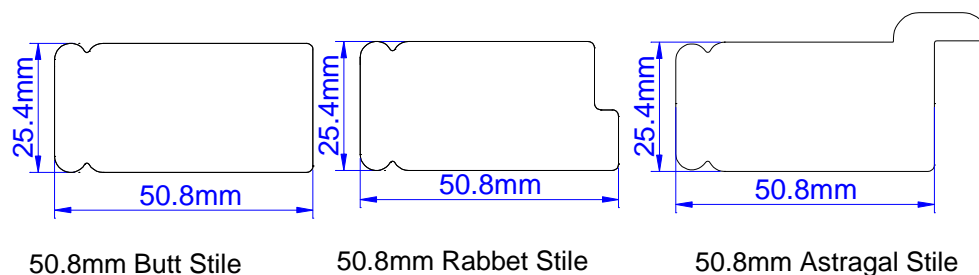


Blindtex Custom Shutter Specification				
Code	ERSH-002	ABS (Waterproof)	Page	1 / 12
Edition	E		Compiler	
Effective Date	2017/07/11		Reviewer	

1. Louvre Options: 47.6mm 63.5mm 88.9mm and 114.3mm louvre.



2. Stile Options (Beaded stile): 50.8mm Butt Stile, Rabbet Stile and Astragal stile.

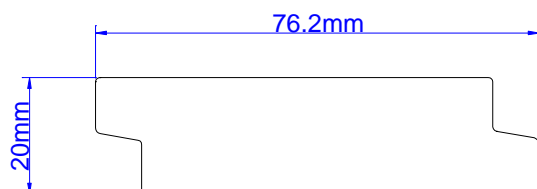


3. Rails:

Top & Bottom rail: Usually the Top & Bottom rail will be larger than 80mm. Factory will decide the size, unless otherwise specified in the special instruction section on order form. The top and bottom rail will be the same size if there is no divider rail. If you need different size rails, please specify. We suggest ordering shutters for the same order at one time, so that the rail size will match.

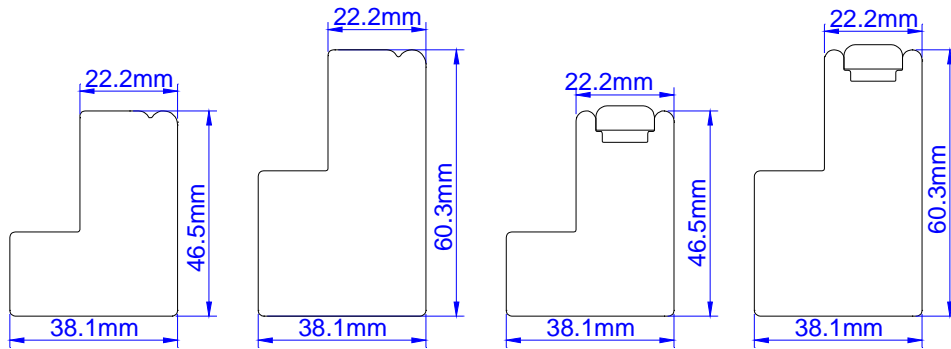


Divider rail: Standard divider rail is 76.2mm.

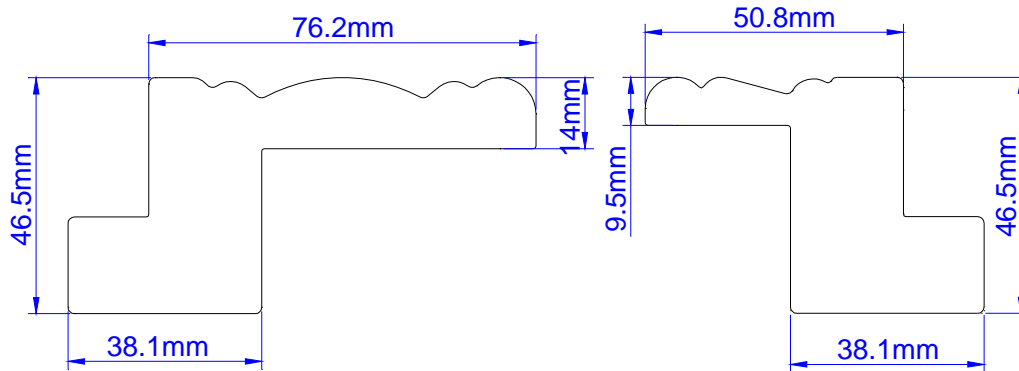


Hollywood Shutter Specification (Waterproof)

4. Frame Option:

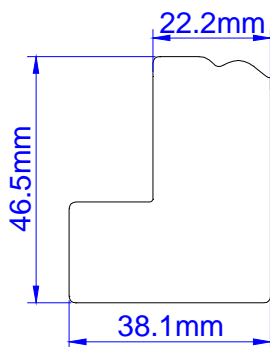


Beaded L Frame 46mm Beaded L Frame 60mm Vintage L Frame 46mm Vintage L Frame 60mm

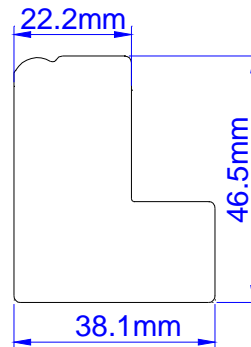


Crown Z Frame 76mm

Tiara Z Frame 50mm

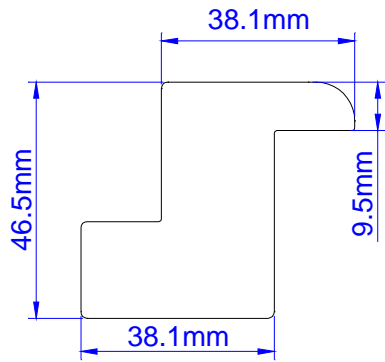


Crown Z Frame Sill Plate

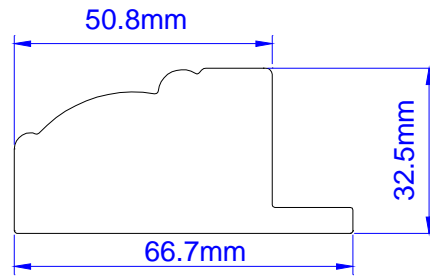


Tiara Z Sill Plate

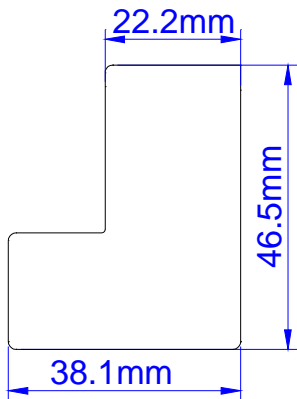
Hollywood Shutter Specification (Waterproof)



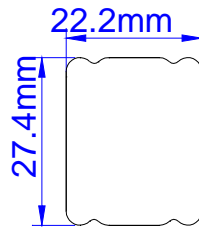
Bullnose Z Frame 38mm



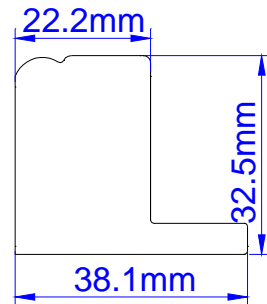
Camber Deco Frame 50mm



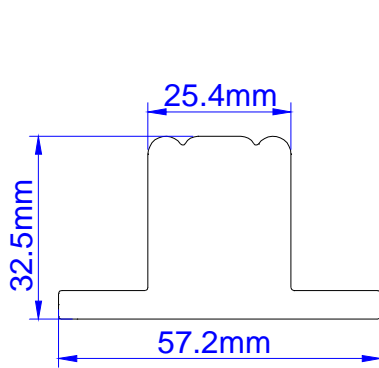
Bullnose Z Sill Plate



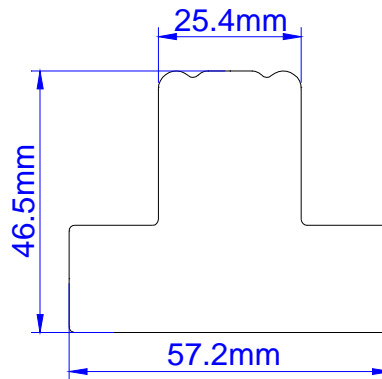
Traditional Hang Strip 22mm



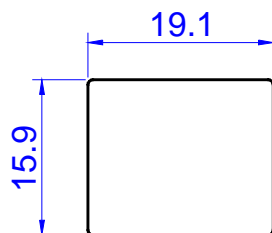
Camber Deco Sill Plate



T-post (Deco) 25mm

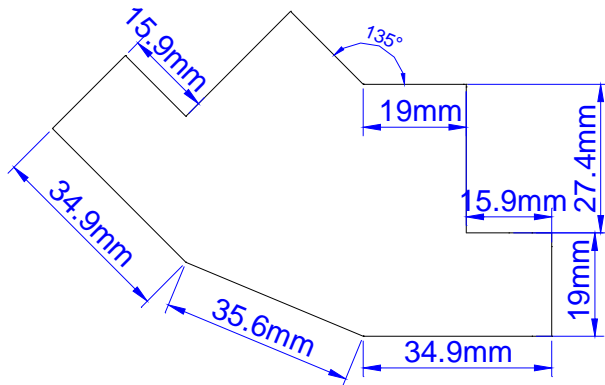


T-post (L/Z/HS) 25mm

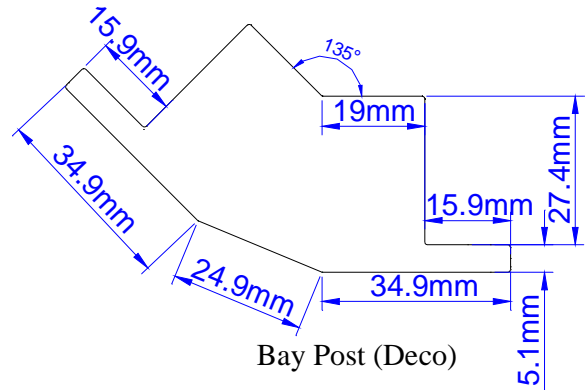


Light Block

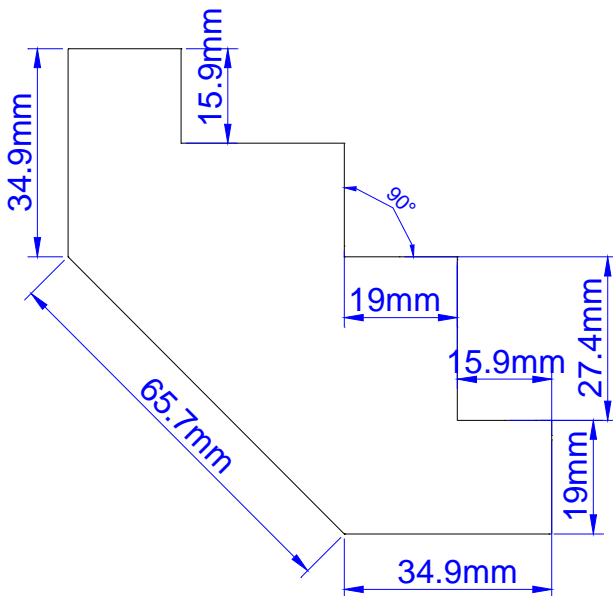
Hollywood Shutter Specification (Waterproof)



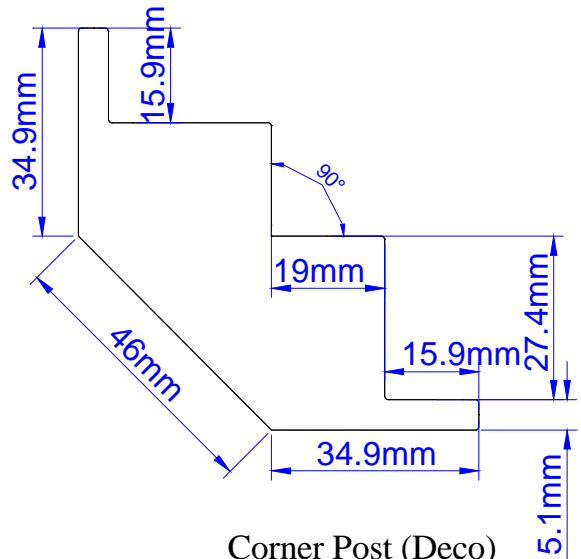
Bay Post (L/Z/HS)



Bay Post (Deco)



Corner Post (L/Z/HS)



Corner Post (Deco)

Standard Size Batten:

Made of ABS with surcharge	
19mm x 19mm	25mm x 60mm
19mm x 25mm	25mm x 75mm
21mm x 21mm	27mm x 2.5mm
25mm x 30mm	62mm x 12mm
25mm x 40mm	63.5mm x 5mm
25mm x 50mm	

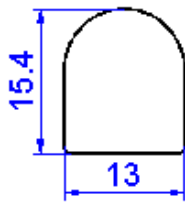
***All Battens will be made of ABS with surcharge.

***All Buildout will be made of ABS with surcharge.

Hollywood Shutter Specification (Waterproof)

5. Tilt rod:

1) Standard Tilt Rod:



2) Offset Tilt Rod:

Tilt rod can be ordered offset from centre. Please specify the position from the centre of the tilt rod to the end of the louvre. The standard distance for an offset tilt rod is 25mm to the end of the louvre on hinge side.

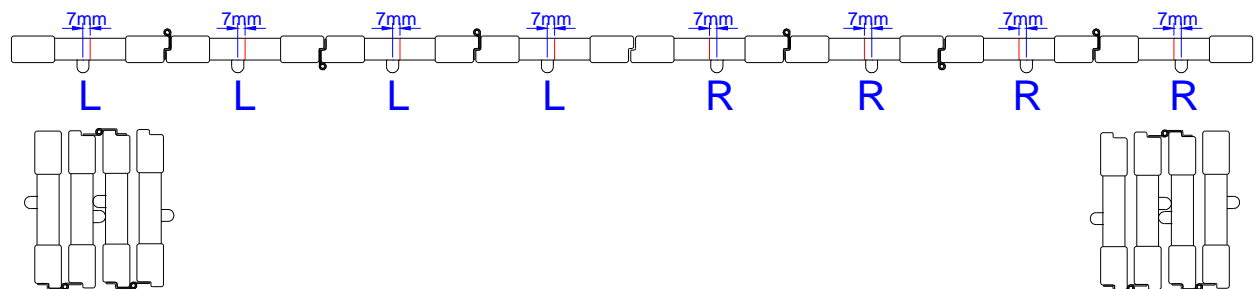
3) Easy Tilt system: The stile that holding the pinion gear & rack will have a groove and cover strip. Number of louvers exceeds the following will have separate gear tilt control:

Louvre Size	Louvre Qty
63mm	24
89mm	16
114mm	12

If the louver qty exceeds the above limit, the gear tilt control will be equally split into halves. If the louver qty is odd, will make the bottom section one more louver than the top section. If the panel has a divider rail, and the louver qty above divider rail or below divider rail exceeds above limited, split tilt rods are also required.

***Offset tilt rod for multi-fold Top Track shutters:

For the multi-fold panels, we will make the tilt rod offset from the centre. By doing so, panels can be folded flat without tilt rods being obstructed with each other. The standard offset for the tilt rod is 7mm from the centre, i.e. tilt rod will be 7mm to the left from the centre for the left panels, and 7mm to the right from the centre for the right panels. The rabbet is made with right panels over left ones for the both the panels folded to left and to right.



For the 2 panels and 4 panels configuration (LLRR), tilt rod in centre of panel, no need to offset.

Hollywood Shutter Specification (Waterproof)

We do not suggest making the panels with multi-fold. **Only Top Tracking multi-fold panels with Bottom Track is under warranty.** Because the ABS shutter is too heavy, heavy panels have more trends to sag. If the customer requires a multi-fold configuration please have them order it in wood. We believe this will also allow for better product differentiation between the basic ABS shutter and the upgrade wood shutter.

6. Colour option:

Shutter Colour		Hinge Colour
Painted	001 Pure White	Stainless steel
	003 Silk White	
	004 Bright White	
	006 Pearl	
	011 Cameo	
	013 Bisque	

7. Panel size limitation

Louvre Size	Width			Height		
	Min.	Max		Min.	Max	Mid rail
		Single Hung	Bi-fold hinged Shutter/ Multi-fold with top& bottom track			Required if
47mm	152mm	550mm	550mm	250mm	3000mm	H>1828mm
63mm	152mm	800mm	610mm	250mm	3000mm	H>1828mm
89mm	152mm	890mm		250mm	3000mm	H>1828mm
114mm	152mm	890mm		250mm	3000mm	H>1828mm

If panel size is out of spec, on hold query will be sent for confirm instead of waving warranty automatically.

If panel height is over 1828mm, a divider rail is required. And if the panel has a divider rail but the height from center of divider rail to top of the top rail or to bottom of bottom is still 1828mm, another divider rail is required. If you do not specify the divider rail location, we will hold the order to confirm if a divider rail is required.

*For circle and oval shape, if the panel width exceeds the size limit above, making with center

Hollywood Shutter Specification (Waterproof)

stile is not available and it is suggested to change the panel configuration to RTL. However, if panel width is within spec, it can be made with center stile.

8. Shutter used for door without bottom support:

In situations when shutters are used for door application, which do not have support underneath the panels, the customers must inform NienMade when placing the type of order.

Please note:

- (1) The factory will add extra hinges to support the panels.
- (2) Bigger and Stronger Top and Bottom rail. This will reduce the probability of the panels sagging and increase shutter intensity.

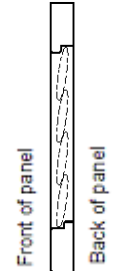
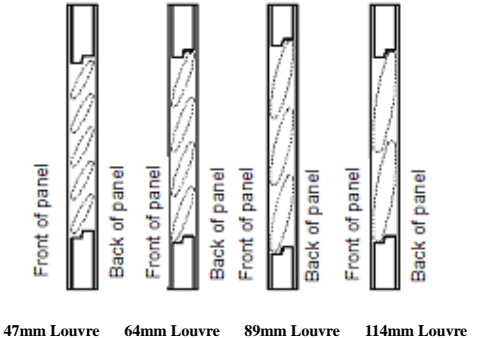
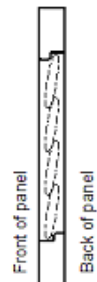

* If customers fail to notify NienMade that the shutter will be used in door application and consequently, the customers will be responsible for the cost of the any RGA Reorder that is submitted.

Please see the following chart for details.

Panel Configuration	
L, R, LR	LL, RR, LLRR
Manufacture with warranty waived.	Must order it with track.

Hollywood Shutter Specification (Waterproof)

9. Fixed Louvre Option:

<p>Available in two positions: closed or open at angle.</p> <p>Available in 4 louvre sizes</p>	Fixed Closed Position	Fixed Open Position
	 <p>(Default)</p>	 <p>47mm Louvre 64mm Louvre 89mm Louvre 114mm Louvre</p>
<p>Standard or default orientation for louvres will be Fixed Closed “Dress Down” (bottom edge of louvres will be closer to front side of panel), but “Dress Up” option is also be available.</p> <p>Please note orientation of adjustable louvres in closing position is dress up</p>	 <p>Dress Down</p>	 <p>Dress Up</p>

10. Mounting Type:

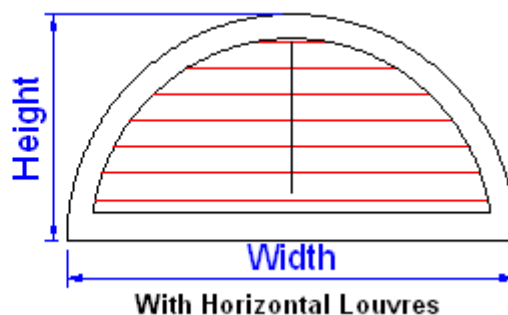
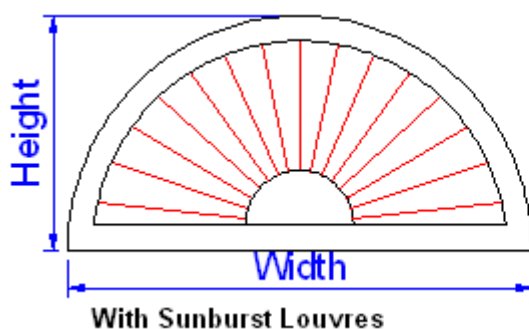
Café Shutter: Please specify on the order form if the shutter is a café style. We will finish the top of the panels and the end of battens.

Tier on Tier: Please specify the height of the bottom tier. Multi-fold panel config is not available even warranty waived.

Full height: regular shutter in full height of window.

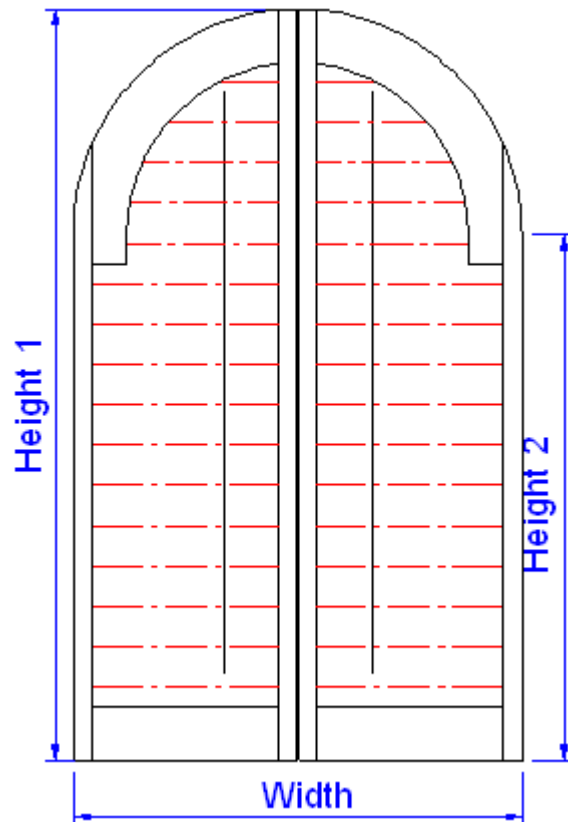
11. Special Shape Shutters:

Fan top:

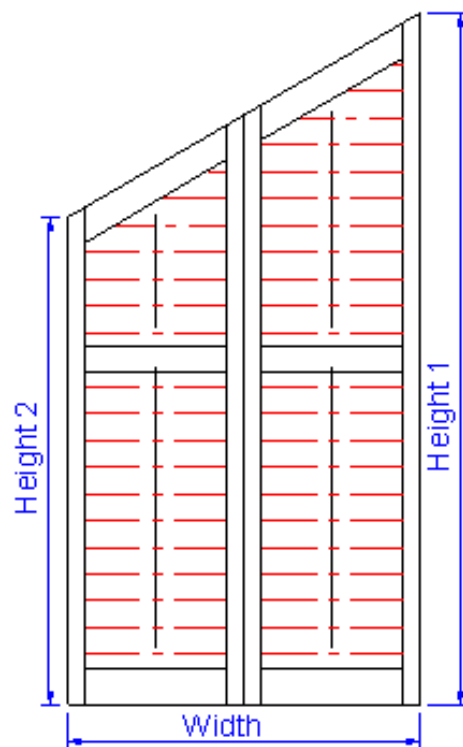


Hollywood Shutter Specification (Waterproof)

Louvre Arch:

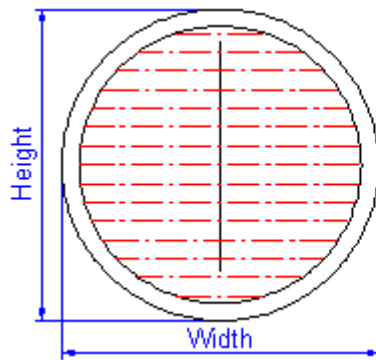


Tapered:

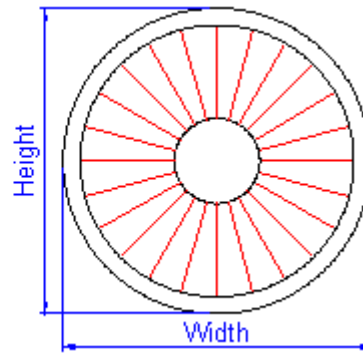


Hollywood Shutter Specification (Waterproof)

Circle:

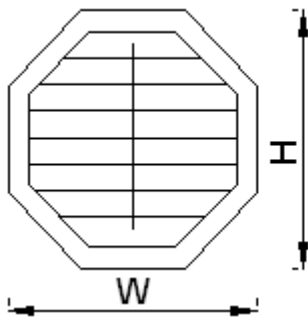


With Horizontal Louvres

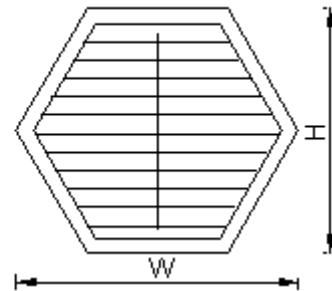
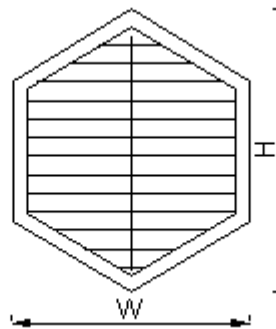


With Sunburst Louvres

Octagon:



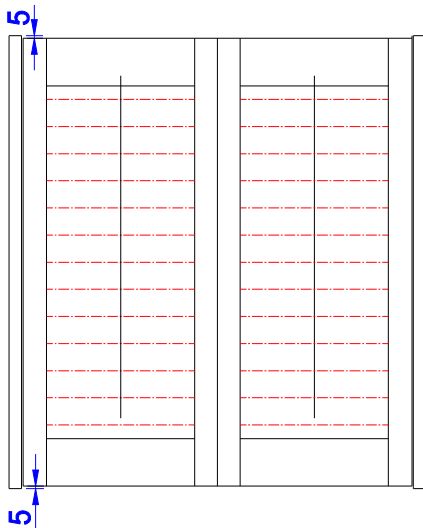
Hexagon:



Straight Side on left and right

Straight side on top and bottom

12. The standard gap at top and bottom of the panel and frame is 5mm when shutter is two sides.



13. Tolerance

Width: The width of the shutter can be plus or minus 1.6mm from the order width.

Height: The height of the shutter can be plus or minus 1.6mm from the order height.

Divider rail location: Divider rail location may be off by half a louvre space:

Hollywood Shutter Specification (Waterproof)

For 47mm louvre can be off by +/-19mm.

For 63mm louvre can be off by +/-25mm.

For 89mm louvre can be off by +/-38mm.

For 114mm louvre can be off by +/-51mm.

14. Warranty:

- *The Color Fastness is warranted for 3 years.
- *Workmanship is warranted for 3 years.
- *Hardware is warranted for 1 year.
- *Stainless Steel Hardware is warranted for 3 year.

15. Cancellation:

Since NienMade China custom manufactures products based on the specifications you provided on the original order form, no cancellations will be accepted. Once the order is submitted, customer will be liable for the full amount of the shutter order.

16. Spare Louver:

Spare louvers 2per pack: For one item with uneven panel width, we will supply 2 louvers for each width.

17. Default Stile for LRR configuration:

It is default to open L panel first when the configuration is LRR. This is effective from 2nd August 2010.

18. Extended Frame

For orders in which the frames or hang strips (L/R) are ordered to an extended length warrantee will only apply where the shutter panels are supported in the closed position. Any RGA claim for such orders must show photographic evidence of the supported panels in the closed position

Hollywood Shutter Specification (Waterproof)

19. Frames split

When frames length (including shutter frames, battens, fascia, header and track for track system) exceed the below limitation, then the frames will be split as the below chart described. Please review the chart below for reference.

Shipping Method	Frame length (L) (mm)
Standard shipping	$3630 < L \leq 7260$ (2 sections) / $L > 7260$ (3 sections)
Airfreight	$3048 < L \leq 6096$ (2 sections) / $6096 < L \leq 9144$ (3 sections)

Notes:

☆ No warranty for horizontal T post length exceeds 1219mm.

20. The Claim Limitation Date for Shipping Damage for Airfreight Orders:

For all airfreight orders with shipping damages, claims must be submitted within 1 week after the date of receipt.