

Ozroll's Elipso Shutter manufacturing facility is one of the largest of its kind in Australia and we are a proud market leader in quality while making a conscious effort to maintain a competitive price for our Aluminium Louvre's and Screens.

For over 40 years the entire range of Elipso Louvre's and Screens have been designed, manufactured and produced in Queensland, Australia, using materials sourced within the country. This means we are able to supply the best quality product in the industry with a far shorter turnaround time than our overseas competitors.

Whether for practical reasons or purely as an aesthetic solution Elipso by Ozroll can offer a range of multifunctional products that will enhance any home or business. Application types are wide and varied with a strong emphasis on balcony enclosures, room dividers, window protection and privacy screens.

FEATURES & BENEFITS

- Light and Breeze Control
- Significantly Reduce Noise
- Sun Protection and Shading
- Variety of design options available
- Protection From Strong Winds and Flying Debris
- Personal Privacy From Neighbours & Prying Eyes
- Security – Protection Against Burglary and Vandalism
- Street Appeal & Aesthetic Improvement
- Insulation - Energy Savings
- Increased value of Property
- Weather Resistant

CUSTOM DESIGNS

A slim 35mm thick panel offers a more contemporary appearance. Blades can be fitted either horizontally or vertically. Glass sections can be inserted into panels above or below the mid-rail.



WHAT MAKES ELIPSO BY OZROLL THE BEST?

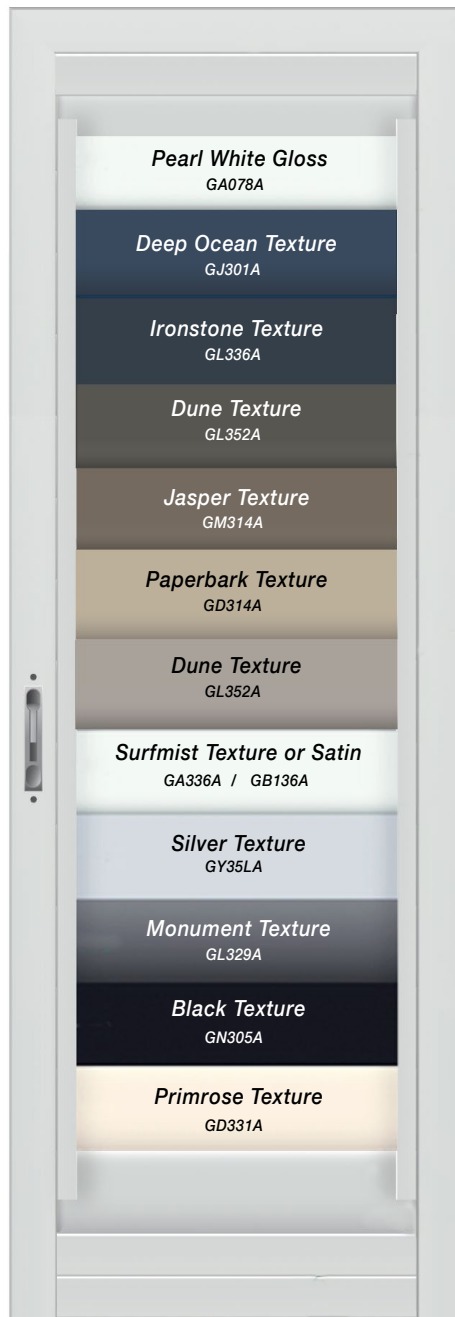


Elipso Aluminium Louvre Shutters offer far greater value for money to the Australian market than any other Louvre supplier around the globe. Listed below are a number of features which have made Elipso by Ozroll renowned for premium quality and prove our products are superior to other suppliers.

- 38 standard colours which can be produced within 4 weeks of order.
- A further 150+ premium colours available.
- Unique frame offers optional Glass Sections and Vertical Blades.
- All blades, frame and other extrusion are 6063 grade aluminium extruded to T5 hardness and meet Australian Standard 2612:1997.
- All hinges are satin Chrome Aluminium.
- All Louvre clips are nylon reinforced glass and incorporate a high grade UV inhibitor.
- The Louvre blades and clip system are rated to withstand loads of 100kg across a 1 metre span; they are the strongest domestic Louvre on the market.
- The blades have been specifically designed and engineered to cope with the severe weather conditions found in Australia and have been developed to minimise noise and movement in high winds.
- All blades and panel frames incorporate a high quality hair felt providing a sealing point that minimises light, wind and rain effect in the closed position.
- Our system is the only one on the market that has a neatly engineered blade lock that can be built into the blades and remain aesthetically pleasing and highly functional.
- Felt (pile) inserts around the outer perimeter of the frame to assist in weather and light exclusion and virtually creating an anti-rattle environment eliminating metal to metal noise.
- Flush bolts that do not sit proud of the frame.
- Flush bolts use three different length rods that allow for comfortable operational use by a variety of users.
- Unique blade design that eliminates whistle in the majority of applications Tested to N.A.T.A. Standards to conform to "LESS THAN 40 db of audible noise at 1 metre in the open, 45deg, and in the closed position. In fact the noise level was recorded at 6db.
- The strongest Louvre frame and corners in the industry.
- An extremely low maintenance pivot system designed to create an effortless sliding shutter, utilising top and bottom tracks, second to none.
- Top hanging system eliminates dirty track and roller problems common to bottom roller systems.
- External screws provide tension adjustment to the allow variations to operational tension when opening and closing blades.
- Full custom sizes to fit all situations and balcony sizes.
- Multi tracking configurations allow inflexible design constraints to be overcome.
- Shore fix hinges stop hinge binding.
- Nylon bushes reduce squeaking and ease operational friction.
- This product has been designed for use in cyclone areas and body corporate applications throughout QLD. Since then our shutters can be found in most up market hi rise developments where Louvre's are specified.

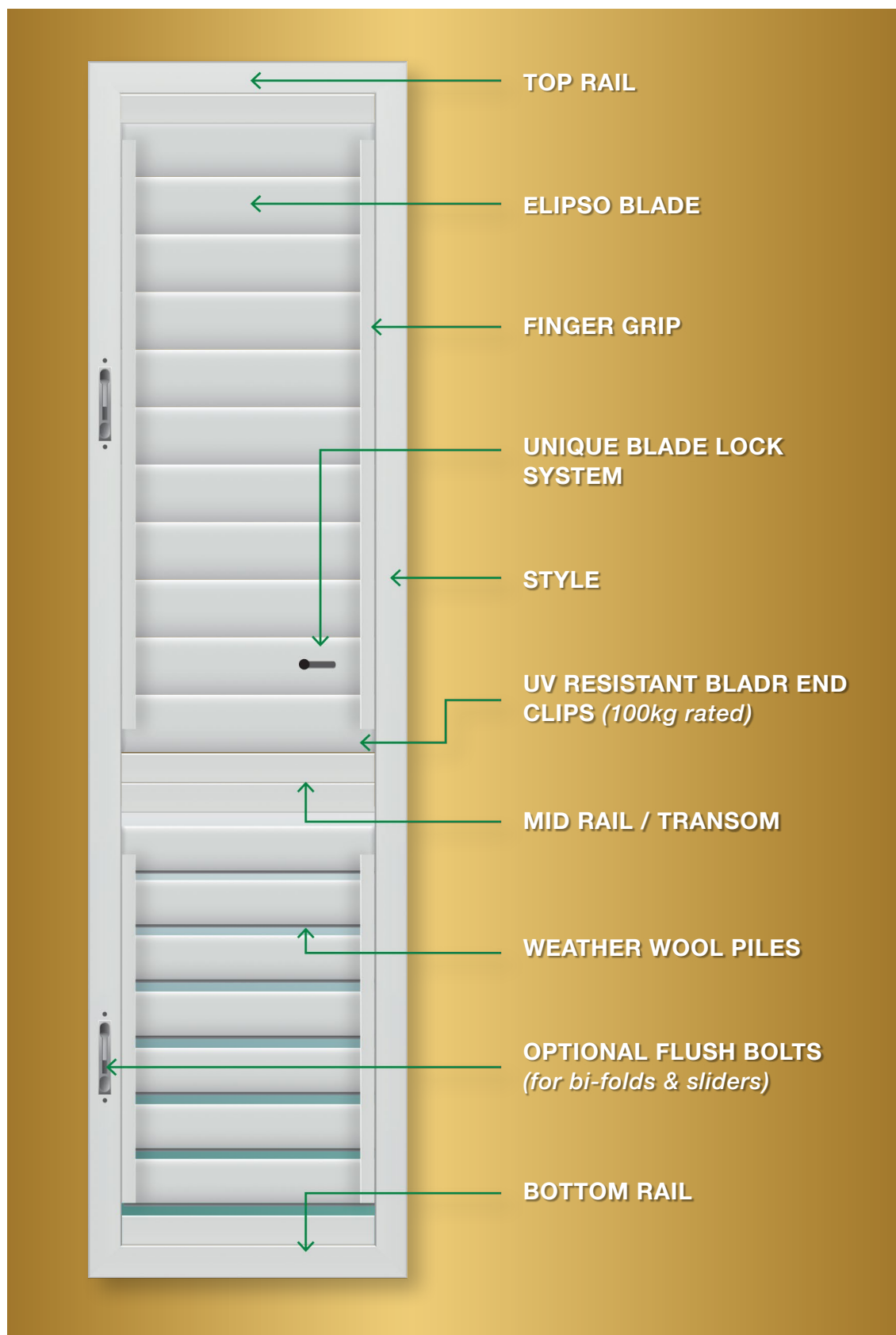
STANDARD COLOURS

The Elipso Domestic Louvre range is available in thirteen standard colours within a four week turnaround from order to dispatch. We maintain stock holdings of the markets most popular colours so that we can supply our industry best product within industry best turnaround times.



PREMIUM COLOURS

The entire Elipso range is also available in over 150+ premium powder coat options, which does incur a powder coating surcharge and takes approximately 6 weeks to turnaround from order. For more information on which premium coatings are available, please request an up to date colour chart from an Ozroll representative.



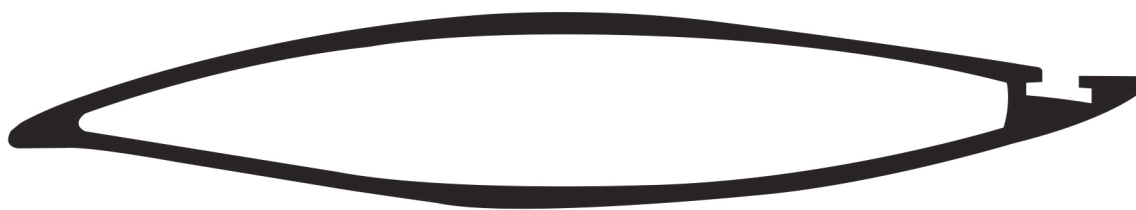
PANEL COMPONENTS

BLADES

These are available in 2 options: the standard 90mm option, or the optional 150mm. Both are assembled with clips designed to cope with 100kg weight load.

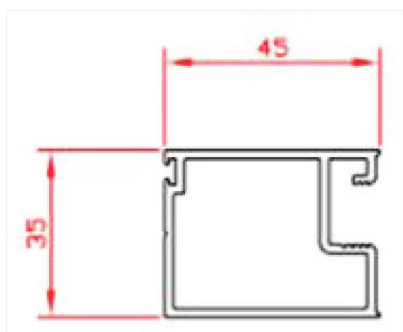


90mm

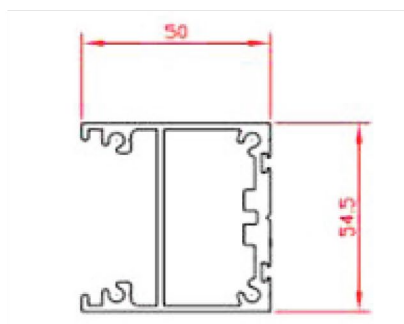


150mm

ELIPSO DLI (DOMESTIC LOUVRE) FRAME



ELIPSO CL (CYCLONE LOUVRE) FRAME



Tip: The best two tools to carry are a TAPE MEASURE and a CAMERA!!

TIP #1

Is there adequate structural fixing material and support for the track and panels?

All our products; Bi-fold, sliding and Stacking are supported by the top track so this is critical. If there is not sufficient material there will need to be provisions made for this, for example: support beam or other. Should you have an issue like this, please contact Ozroll with as many details on the opening as possible, most applications have a simple solution there is no need to panic.

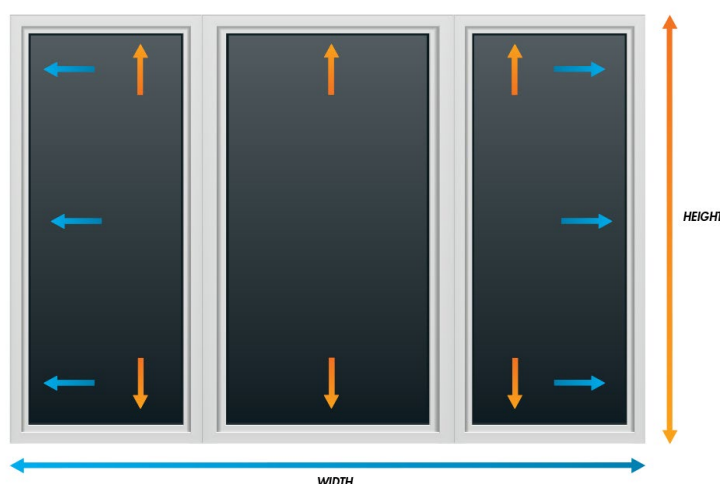
TIP #2

What style of shutter does the customer require?

Bifold or Hinged, in or out; is there sufficient distance for the panel to be fully opened out or in, check for obstructions that would prevent full opening and operation. When opening out ensure that there is sufficient clearance at the top taking special account of the sloping soffit. For opening in ensure that the panels will open fully without hitting the floor, this will only be an issue where there is a slope or uneven floor. Sliding panels may require multiple tracks if there is a wide opening so ensure that there is sufficient structural surface area to support multiple tracks. Stacking panels require a receiver to hold and receive all the panels check that there is sufficient structural material to support the receiver and the weight of all the panels.

TIP #3

Measurements are critical; always take a minimum of 3 measurements across and along the height and width of an opening up to 2.4 metres, then another every 1.2 metres there on.



TIP #4

What if the opening is not square, this is something that needs to be established at time of quoting so as to cover any extras that may be required, for example:

Does the floor have a fall if so how much? We can supply a floating bottom pivot (at a small charge) for a maximum of 30mm fall. If the fixing area for the top track is the issue, then packing and flashing would need to be allowed for. The key to the Louvre product working its best is to have the top track square and level.

TIP #5

When ordering the product, we will manufacture the shutters to the smallest dimensions supplied, this insures that the shutters will fit the opening with some form of packing or flashing required to conceal the gaps.

TIP #6

Ozroll manufacture each panel from the bottom up unless otherwise requested. The reason for this is when the roof or floor has a fall, it will determine if the panels should be manufactured from the top down rather than the bottom up. This can also be an issue if there are multiple openings that align side by side where the transom/midrails and blades are required to align in each opening.

PANEL TYPE

DOMESTIC LOUVRE - DLi



FEATURES & BENEFITS

- Australian made
 - Slim design
- Slimline bottom track
- Ideal for interior applications
- L & Z frames for Hinged applications only
- Optional 90mm or 150mm blades
- Will never crack, warp or shrink
 - Clean with soap and water
 - Minimal maintenance
 - Suitable for wet areas
- Over 150 premium colours
 - 38 standard colours
 - Termite proof

The DLi Louvre shutter utilises a slim 35mm thick panel which offers a more contemporary appearance, making it ideal for use both internally and externally (externally up to 3 storey applications only).

This product can be manufactured to comply with Australian balustrade regulations, when mounted on patios or balconies above 4 metres from ground level. To further add to the DLi's internal capabilities, Shutter Concepts designed and produced L and Z Framing as well as a Slimline Bottom Track to avoid tripping hazards, so this product is not only practical but it's also very aesthetically pleasing.

With similar benefits to the traditional CL frame, the DLi offers the choice of horizontal blades above the transom and vertical blades below, all vertical blades, glass panel in the bottom and horizontal in the top, aluminium panel with vertical in the top, basically any combination you can think of.

To top it off, because we save on materials by manufacturing a slimmer design we pass the savings on, which means an extremely competitive price and best value for money in the nation.



The CL Louvre is the first choice when strength and durability is a priority. Created out of necessity to withstand Australia's harsh weather conditions, this product has been installed throughout the Northern Territory and Queensland and has survived Category 3-4 Cyclones in areas where consumers with opposition products were not so lucky.

The CL is Cyclone Rated and best suited for multi storey applications (3 storeys and above) and also waterfront applications where exposed to severe weather conditions.

This unique panel design is not only the strongest on the market but also the most versatile, offering the choice of horizontal blades above the transom and vertical blades below, all vertical blades, glass panel in the bottom and horizontal in the top, aluminium panel with vertical in the top, basically any combination you can think of.

This product can be manufactured to comply with Australian balustrade regulations, when mounted on patios or balconies above 4 metres from ground level.

FEATURES & BENEFITS

- Australian made
- Cyclone Rated
- Years of proven credibility
- Over 150 premium colours
- Optional 90mm or 150mm blades
- Strongest product of its kind in the industry
- Will never crack, warp or shrink
- Clean with soap and water
- Minimal maintenance
- Suitable for wet areas
- Termite proof

INSTALLATION CHOICES

FIXED



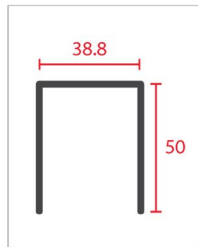
TECHNICAL SPECIFICATIONS

Maximum Panel Width	1100
Maximum Panel Height	3000
Style Options	DLi, CL
Blade Options	90, 150
Blade Orientation Options	Horizontal, Vertical
Panel Filler Options	Glass, Aluminium
Ideal Applications	Window Covering, Privacy Screening, Balcony/Patio Enclosure

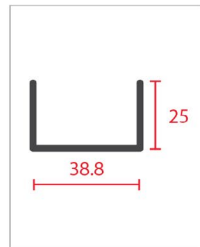
FIXED

A Fixed Panel Louvre offers the simplest form of installation and operation. C channels can be fixed permanently to the top and bottom of the application and the Fixed Panel Louvre then pivots inside the frame work. Flashing will be provided to cover gaps on the left and right of the front and back of the application. H section is also available for joining panels to create strength and stability over multiple panel installation, as well as standoff brackets which offer installation off the window to provide access for ventilation and cleaning.

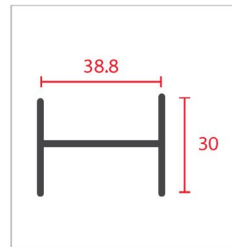
DLi FIXED



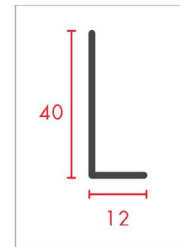
Top Channel



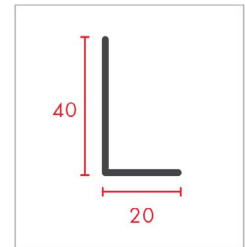
Bottom Channel



H Channel

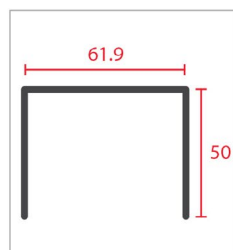


Angle

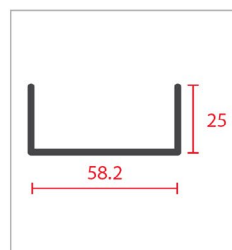


Angle

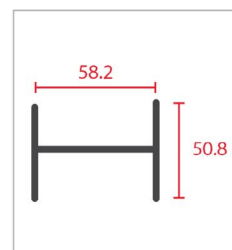
CL FIXED



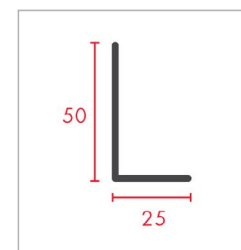
Top Channel



Bottom Channel



H Channel



Angle



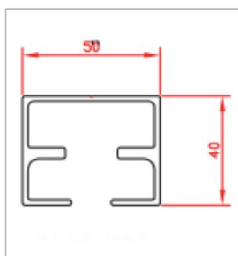
TECHNICAL SPECIFICATIONS

Maximum Panel Width	900
Maximum Panel Height	3000
Style Options	DLi, CL
Blade Options	90, 150
Blade Orientation Options	Horizontal, Vertical
Panel Filler Options	Glass, Aluminium
Ideal Applications	Balcony/Patio Enclosure, Room Dividers

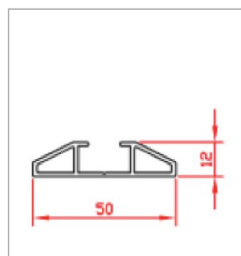
BI FOLD

Bi-fold Louvre shutters provide a versatile option for balcony or patio areas by offering a choice of total enclosure and protection from the elements when in a closed position, yet still maintaining the availability of clearing the opening completely by folding the panels and pushing them to one side. Utilising practical nylon pivots, the panels can concertina either in or out by running along top and bottom tracks which are fixed permanently to the top and bottom of the application.

DLi BI FOLD

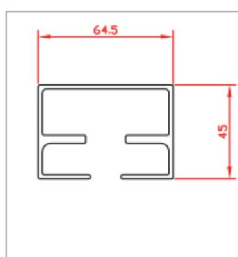


Top Track

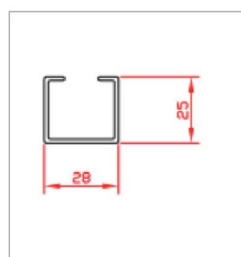


Standard Bottom Track

CL BI FOLD



Top Track



Standard Bottom Track

INSTALLATION CHOICES

HINGED



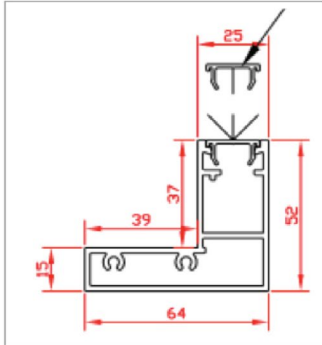
TECHNICAL SPECIFICATIONS

Maximum Panel Width	500
Maximum Panel Height	2400
Style Options	DLi
Blade Options	90
Blade Orientation Options	Horizontal, Vertical
Panel Filler Options	Glass, Aluminium
Ideal Applications	Interior Openings, Doorways

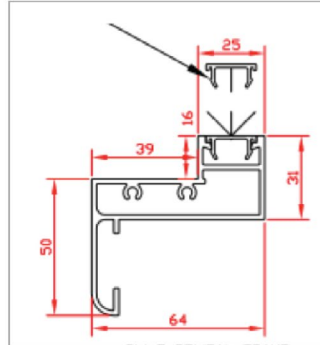
HINGED

Hinged Louvre shutters are a practical and aesthetically pleasing choice for both interior and exterior windows and doorways. Available to swing either inwards or outwards, Shutter Concepts Hinged Louvre's can be supplied with L or Z framing to provide a neat finish.

DLi HINGED



L Frame



Z Frame



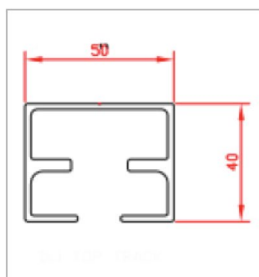
TECHNICAL SPECIFICATIONS

Maximum Panel Width	1100
Maximum Panel Height	3000
Style Options	DLi, CL
Blade Options	90, 150
Blade Orientation Options	Horizontal, Vertical
Panel Filler Options	Glass, Aluminium
Ideal Applications	Balcony/Patio Enclosure, Room Dividers

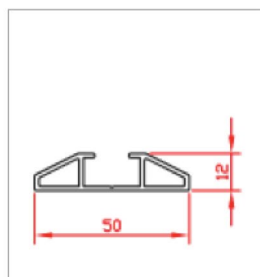
SLIDING

Sliding Louvre shutters are an ideal choice for sun protection and privacy on applications where space around the opening is limited. Utilising practical nylon pivots, the panels can slide left or right by running along top and bottom tracks which are fixed permanently to the top and bottom of the application.

DLi SLIDING

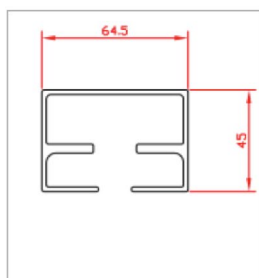


Top Track

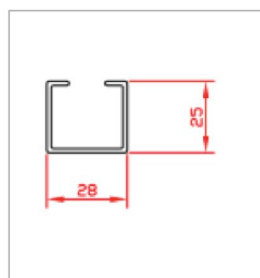


Standard Bottom Track

CL SLIDING



Top Track



Standard Bottom Track

INSTALLATION CHOICES

SLIDING (SINGLE PANEL) STACKER



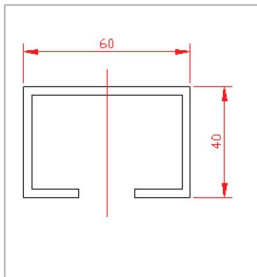
TECHNICAL SPECIFICATIONS

Maximum Panel Width	1100
Maximum Panel Height	3000
Style Options	Dli, CL
Blade Options	90, 150
Blade Orientation Options	Horizontal, Vertical
Panel Filler Options	Glass, Aluminium
Ideal Applications	Balcony/Patio Enclosure, Room Dividers

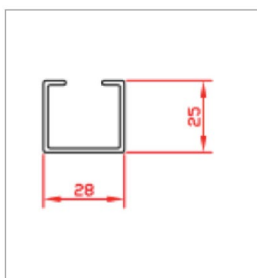
SLIDING STACKER

Stacking Louvre shutters add another dimension to the Sliding installation type. Operation of the panels is the same, however an H section is installed at the end of the tracks which the panels can stack into, providing the option of completely uncovering the opening and storing the panels in a stacked position storing the panels in a stacked position 90 degrees to the opening. Utilising practical nylon pivots, the panels can slide left or right by running along top and bottom tracks which are fixed permanently to the top and bottom of the application.

Dli AND CL SLIDING (SINGLE PANEL) STACKER



Stacking Top Track



Standard Bottom Track



BLADE LOCKS

Elipso Blade Lock system is exclusive to our product range, offering a neatly engineered blade lock that can be built into the blades and remain aesthetically pleasing and highly functional as a great security feature, which can be used as a selling point in today's security conscious age.



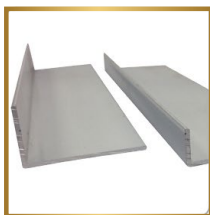
LOCKABLE FLUSH HANDLE

Elipso Lockable Flush Bolts offer an extra security feature with a design to suit today's modern decor. With an appearance similar to that of a door handle, Lockable Flush Bolts are not overly common and do come at an extra cost compared to the more conventional flush bolt.



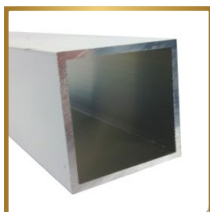
STAND OFFS

Stand Offs are used externally when a Louvre panel needs to be built off of an opening. There should be an allowance for 1 stand off on every corner of the frame and another placed top and bottom of the screen for every 1200mm.



TRIM ANGLES 40x20 & 40x12

Trim Angles are a standard product supplied with all Fixed Louvre panel applications to cover the sides of the openings.



50mm x 50mm BOX

Colour coded box sections can be provided with any job where fillers or packing is required.

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.