

R+T 2024

Alulux Trade Fair Compass



Experience the future of construction with Alulux

Alulux is one of the founding members of the world's leading trade fair for roller shutters, doors/gates and sun shading systems, and has been ever-present, apart from the 2018 event, since the fair's inception in 1965. The company, which has been part of the StellaGroup since June 2019, is thrilled to finally be able to welcome visitors back to its stand after a one-off break from R+T.

Discover our new and exciting products for new builds and renovation projects. Explore the ingenuity of our automation solutions through "Stella Advanced Technology" and experience first-hand how we are pushing the boundaries of our solar-powered products.

The global economic crisis is having a huge impact on companies and private investments. This continues to bring a series of challenges for the construction industry. Alulux is well positioned in the new and renovated building marketplace thanks to its leading-edge, future-proof and eco-friendly range.

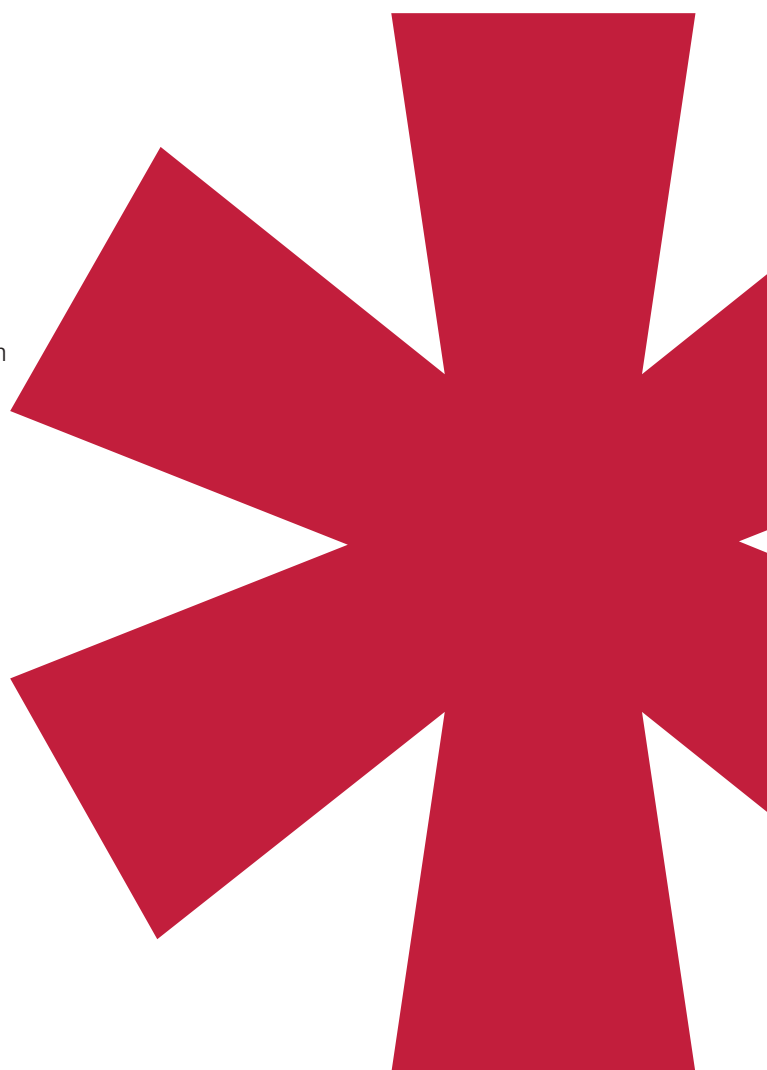
Let us tackle these challenges together with excellent customer support from the Alulux team.



Alulux new products

2024

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of the next level
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Enext 4.0 RG external Venetian blind
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Faster. Better. Digital.



Which curtain is the right one? Let us show you the difference.

Roller shutters, external Venetian blinds or fabric screens: **The advantage and differences at a glance**

Roller shutters

Roller shutters improve the quality of life significantly. In winter, they prevent heat loss by providing an air-tight seal and additionally help keep the cold out. In summer, they help keep the home cool and act as a barrier that prevents heat gain. Besides effectively reducing energy consumption, they also boost home security. Equipped with an anti-push-up lock, they offer impressive resistance against attempted break-ins. Saving money, living sustainably, increasing your peace of mind – roller shutters can do a lot more than you think.



ARtec external Venetian blinds

External Venetian blinds are a fairly new alternative. Nevertheless, they are becoming increasingly popular for external sun protection – especially in bright rooms exposed to direct sunlight. The blinds can control both heat and light from the sun, which can lead to glare, overheating and fading of your furniture and fabrics. And thanks to the muted light, the blinds allow rooms to be used more comfortably while adding a modern touch, as they can be elegantly integrated into the façade.



Fabric screens

Our fabric screens demonstrate quite clearly that design and glare protection are not a contradiction in terms. Quite the contrary: Fabric screens ensure pleasant light and prevent living areas heating up by reflecting up to 75% of the sun's rays. Deluxe heat protection combined with visual protection ensures you are well shielded from the prying eyes of neighbours. Although they will continue to look – but only have eyes for the fabric screens due to their stylish and modern design.



Overview of all curtain variants ...

Alulux has the ideal curtain to meet every requirement.

	Roller shutter	External Venetian blind	Fabric screen
Sun protection	•	•	•
Privacy protection	•	•	•
Glare protection	•	•	•
Light control		•	
Weather protection	•		
Heat protection in summer	•	•	•
Cold protection in winter	•	•	•
Noise protection	•		
Anti-burglary protection	•		
Insect screen	•	•	•
Energy savings	•	•	•
Smart home ready	•	•	•



Roller shutter



External Venetian blind



Fabric screen

next - roller shutter technology of the next level



Both Enext systems are designed for new builds with a rendered or brick finish and offer modern features, high-quality materials and sustainable energy efficiency. Roller shutters are installed in just one step in unison with the windows. Excellent insulation performance combined with comfort and style ensures Enext is the perfect system for all conceivable new build applications. The built-in roller shutter box system for new builds is now available with clip adapters for super-fast installation.

CLICK, CLACK, DONE!

The roller shutter systems offer outstanding energy efficiency and ensure time and cost-saving installation. They have gained huge popularity due to their stylish design and comfort features, while offering a wide range of applications for new builds and modernisation projects. Thanks to our Optimaxx system, greater heights are possible through the improved winding behaviour.

**Customers expect the best.
We have the perfect solutions.**





RELAUNCH ENEXT 4.0

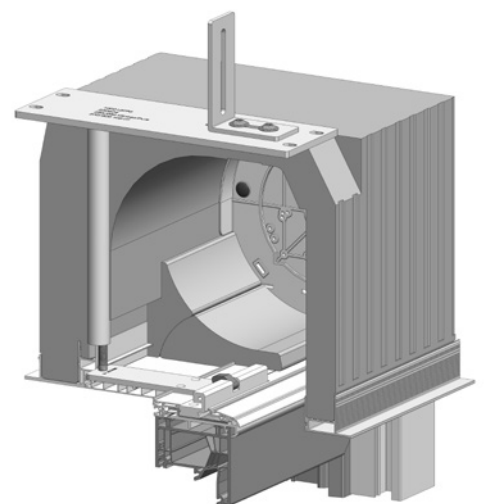
The key new features at a glance:

- New box heights of 250 mm and 280 mm, thus allowing more incident light to enter the room through larger glazed surfaces.
- Various building depths.
- One type of connection to the window frame for the entire next® family (Enext and Tanext).
- RG external Venetian blind guide rails now also available in plastic with an inlay.
- Glass fall protection systems now also available for the Enext 4.0 RO system (open room side).
- Technical adaptation of the 80 mm curled edge slat, thus allowing installation heights of up to 2,850 mm.

Available from Q3/2024



Version with static bracket



Roller shutter

Enext 4.0 RO roller shutter



Features

Removable panel for maintenance from the inside:

Flush inspection panel prevents cold outside air penetrating the inside and heat escaping. Enext 4.0 RO displays amazing U-values.

The box:

The box is made of expanded polystyrene (EPS), which is a foamed plastic substance. EPS is a synthetic insulation solution with an excellent insulating effect. The box is always equipped with lateral part insulation.

Curtain variants:

Standard or mini roller shutters can be installed. Both versions are supplied in the Optimaxx system (perfect blend of profile, shaft, shaft connector).

Types of operation:

Belt coiler, crank gear or comfort motor drive.

Special equipment:

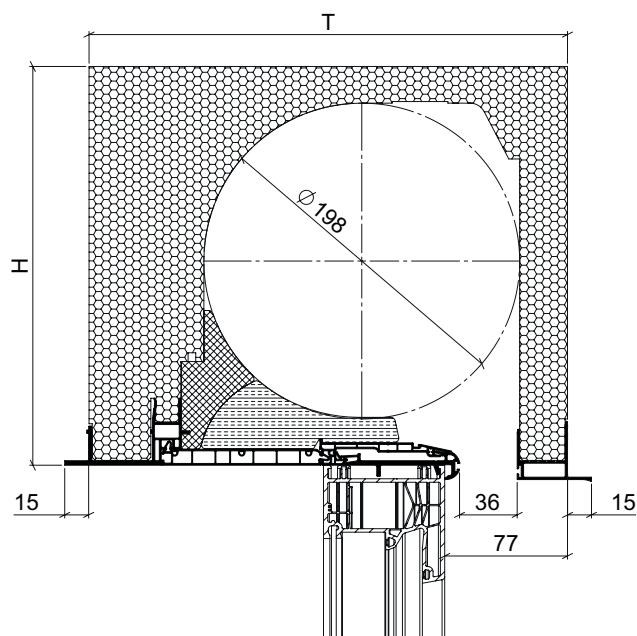
The system is available with an insect screen. Optionally also possible as a version with a static bracket.

Application:

Plastered masonry, faced brickwork, façade to exterior insulation finishing system regulations (EIFS).

Box sizes

Height H	Depth T
250	240
280	260
	280
	300
	340
	360



Enext_RO roller shutter	250/240	250/260	250/280	250/300	250/360	250/240	250/260	250/280	250/340
U-value W/m ² ·K	0,75	0,66	0,59	0,55	0,49	0,73	0,64	0,59	0,53
f _{RSI} value	0,76	0,76	0,76	0,76	0,75	0,74	0,73	0,73	0,72
T window connection in °C	14,0	14,0	14,0	13,9	13,6	13,5	13,4	13,3	13,1
masonry	WDVS	WDVS	WDVS	WDVS	WDVS	Klinker	Klinker	Klinker	Klinker

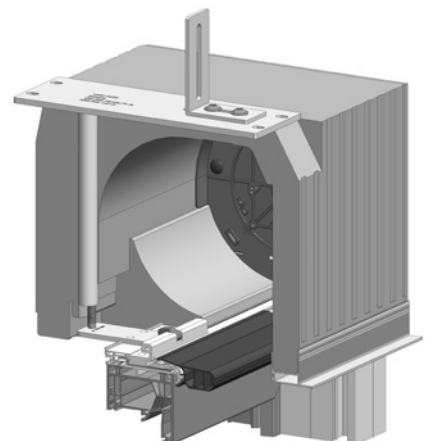
Enext_RO roller shutter	280/240	280/260	280/280	280/300	280/360	280/240	280/260	280/280	280/340
U-value W/m ² ·K	0,69	0,61	0,54	0,51	0,45	0,67	0,59	0,55	0,49
f _{RSI} value	0,75	0,75	0,75	0,75	0,74	0,73	0,73	0,73	0,72
T window connection in °C	13,8	13,8	13,8	13,7	13,5	13,3	13,2	13,2	13,1
masonry	ETICS	ETICS	ETICS	ETICS	ETICS	Brick	Brick	Brick	Brick

U-value = heat transfer coefficient | f_{RSI} = temperature factor | dB = sound insulation

Available from Q3/2024



Version with static bracket



Roller shutter

Enext 4.0 RG roller shutter



Features

Removable panel for maintenance from the outside:

The system prevents cold outside air penetrating the inside and heat escaping. Enext 4.0 RG is very impressive due to exceptional U-values.

The box:

The box is made of expanded polystyrene (EPS), which is a foamed plastic substance. EPS is a synthetic insulation solution with an excellent insulating effect. The box is always equipped with lateral part insulation.

Curtain variants:

Standard or mini roller shutters can be installed. Both versions are supplied in the Optimaxx

system (perfect blend of profile, shaft, shaft connector).

Types of operation:

Belt coiler, crank gear or comfort motor drive.

Special equipment:

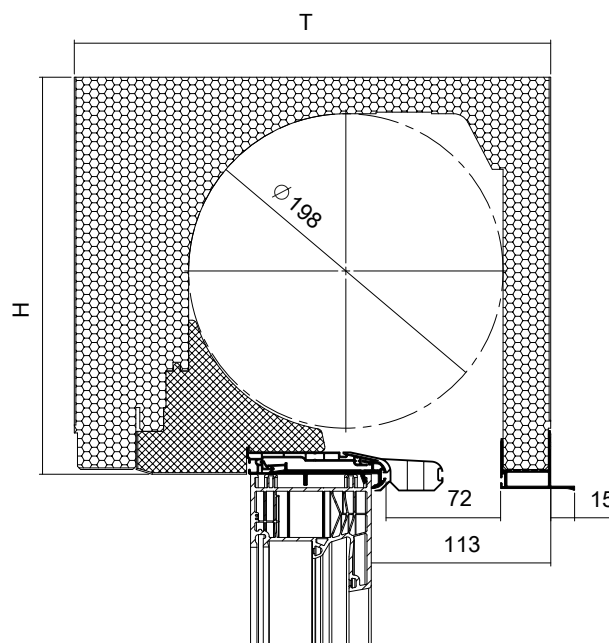
The system is available with an insect screen. Optionally also possible as a version with a static bracket.

Application:

Plastered masonry, faced brickwork, façade to exterior insulation finishing system regulations (EIFS), passive house standard.

Box sizes

Height H	Depth D
250	240
280	260
	280
	300
	340
	360



Enext_RG roller shutter	250/240	250/260	250/280	250/300	250/360	250/240	250/260	250/280	250/340
U-value W/m ² ·K	0,67	0,61	0,52	0,48	0,41	0,66	0,56	0,52	0,43
f _{RSI} value	0,80	0,80	0,80	0,80	0,79	0,79	0,78	0,80	0,77
T window connection in °C	15,1	15,1	15,0	14,9	14,6	14,7	14,6	14,5	14,3
masonry	ETICS	ETICS	ETICS	ETICS	ETICS	Brick	Brick	Brick	Brick

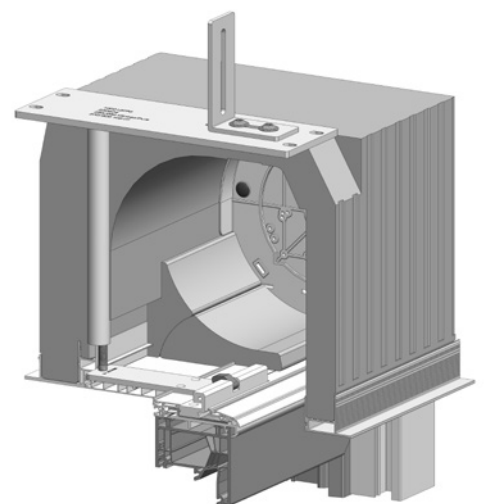
Enext_RG roller shutter	280/240	280/260	280/280	280/300	280/360	280/240	280/260	280/280	280/340
U-value W/m ² ·K	0,63	0,57	0,49	0,44	0,37	0,61	0,52	0,47	0,40
f _{RSI} value	0,80	0,80	0,79	0,79	0,78	0,78	0,78	0,78	0,77
T window connection in °C	14,9	14,9	14,8	14,7	14,5	14,6	14,5	14,4	14,3
masonry	ETICS	ETICS	ETICS	ETICS	ETICS	Brick	Brick	Brick	Brick

U-value = heat transfer coefficient | f_{RSI} = temperature factor | dB = sound insulation

Available from Q3/2024



Version with static bracket



Fabric screen

Enext 4.0 RO screen



Features

Removable panel for maintenance from the inside:

Flush inspection panel prevents cold outside air penetrating the inside and heat escaping. Enext 4.0 RO displays amazing U-values.

The box:

The box is made of expanded polystyrene (EPS), which is a foamed plastic substance. EPS is a synthetic insulation solution with an excellent insulating effect. The box is always equipped with lateral part insulation.

Curtain variants:

Version with fabric screen. We offer three different fabric screen qualities of the Tibelly® brand. Including Sergé, ecole 1% and Blackout. The fabric screens differ due to their degree of transparency and fabric structure and are thus ideal for a broad range of applications.

Types of operation:

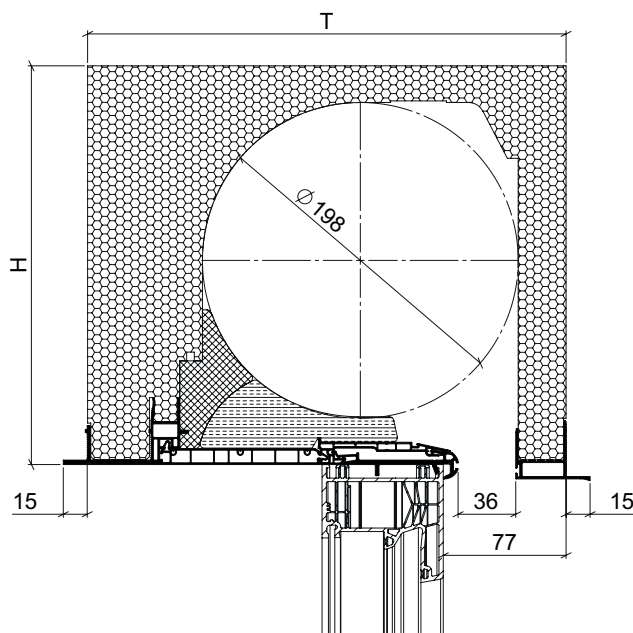
comfort motor drive.

Application:

Plastered masonry, faced brickwork, façade to exterior insulation finishing system regulations (EIFS), passive house standard.

Box sizes

Height H	Depth D
250	240
280	260
	280
	300
	340
	360

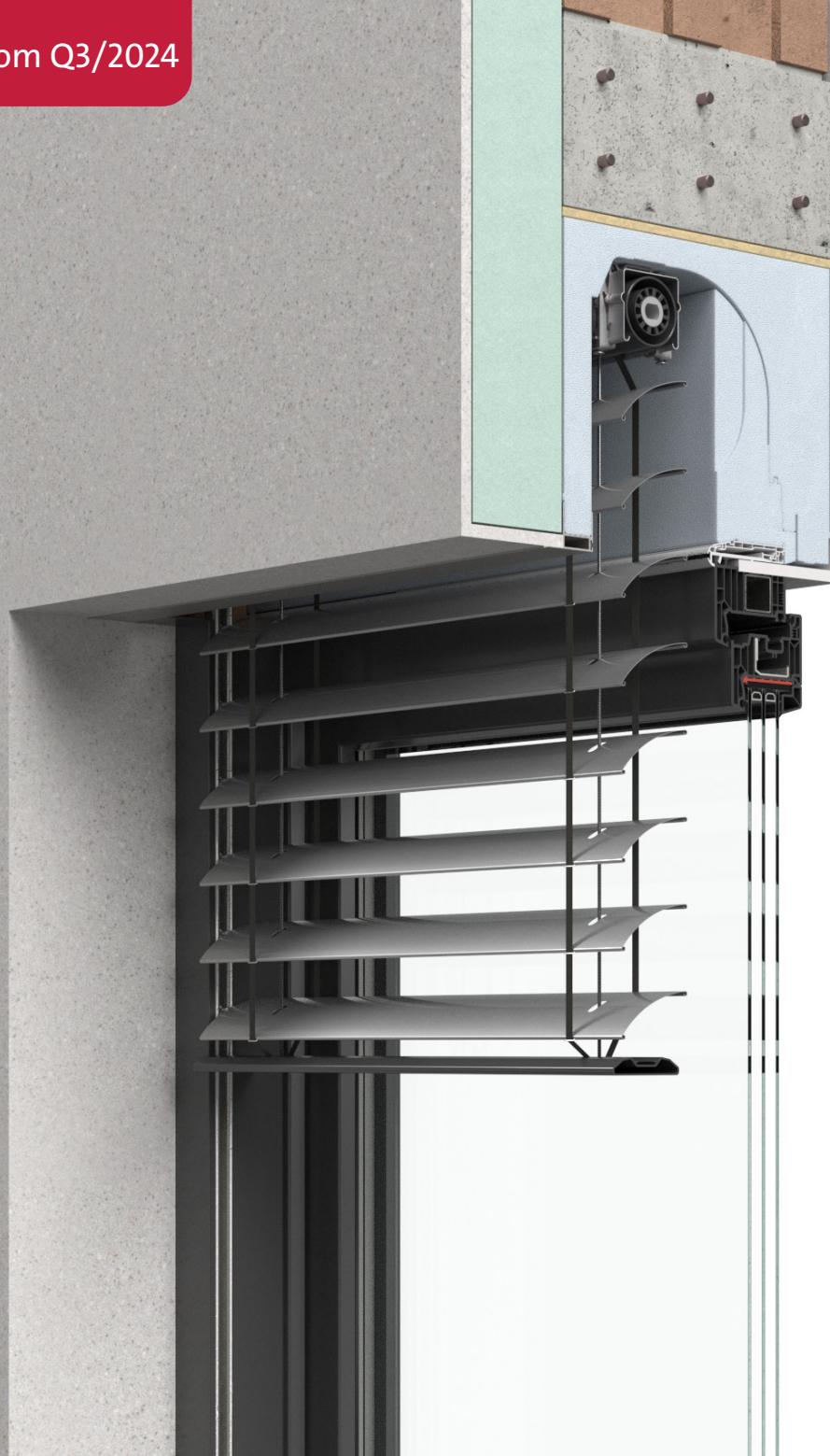


Enext_RO screen	250/240	250/260	250/280	250/300	250/360	250/240	250/260	250/280	250/340
U-value W/m ² ·K	0,75	0,66	0,59	0,55	0,49	0,73	0,64	0,59	0,53
f _{RSI} value	0,76	0,76	0,76	0,76	0,75	0,74	0,73	0,73	0,72
T window connection in °C	14,0	14,0	14,0	13,9	13,6	13,5	13,4	13,3	13,1
masonry	ETICS	ETICS	ETICS	ETICS	ETICS	Brick	Brick	Brick	Brick

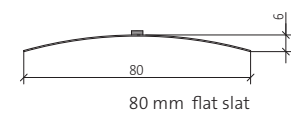
Enext_RO screen	280/240	280/260	280/280	280/300	280/360	280/240	280/260	280/280	280/340
U-value W/m ² ·K	0,69	0,61	0,54	0,51	0,45	0,67	0,59	0,55	0,49
f _{RSI} value	0,75	0,75	0,75	0,75	0,74	0,73	0,73	0,73	0,72
T window connection in °C	13,8	13,8	13,8	13,8	13,5	13,3	13,2	13,2	13,1
masonry	ETICS	ETICS	ETICS	ETICS	ETICS	Brick	Brick	Brick	Brick

U-value = heat transfer coefficient | f_{RSI} = temperature factor | dB = sound insulation

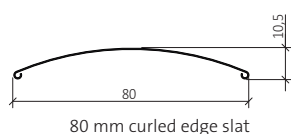
Available from Q3/2024



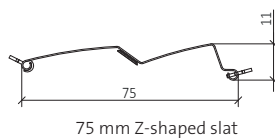
Types of slat



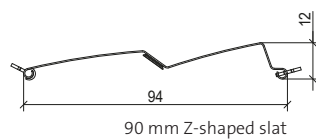
80 mm flat slat



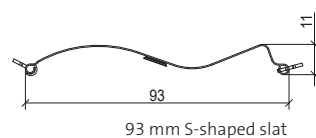
80 mm curled edge slat



75 mm Z-shaped slat

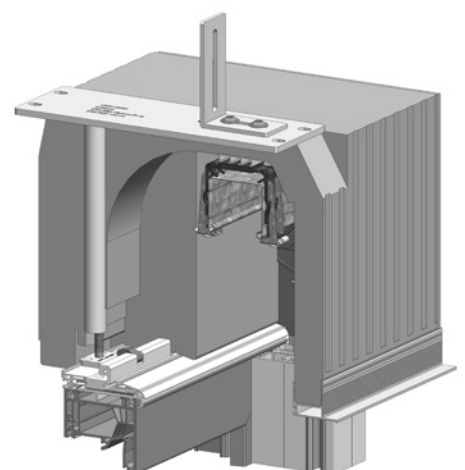


90 mm Z-shaped slat



93 mm S-shaped slat

Version with static bracket



External Venetian blind

Enext 4.0 RG external Venetian blind



Features

Removable panel for maintenance from the outside:

The system prevents cold outside air penetrating the inside and heat escaping. Enext 4.0 RG is very impressive due to exceptional U-values.

The box:

The box is made of expanded polystyrene (EPS), which is a foamed plastic substance. EPS is a synthetic insulation solution with an excellent insulating effect. The box is always equipped with lateral part insulation.

Curtain variants:

Version with external Venetian blinds and FIVE different types of slat available. Variable incident light, privacy and protection from the sun due to infinitely-adjustable slats, energy saving and heat reflective. ARtec external Venetian blinds are beautiful, creative statements.

Types of operation:

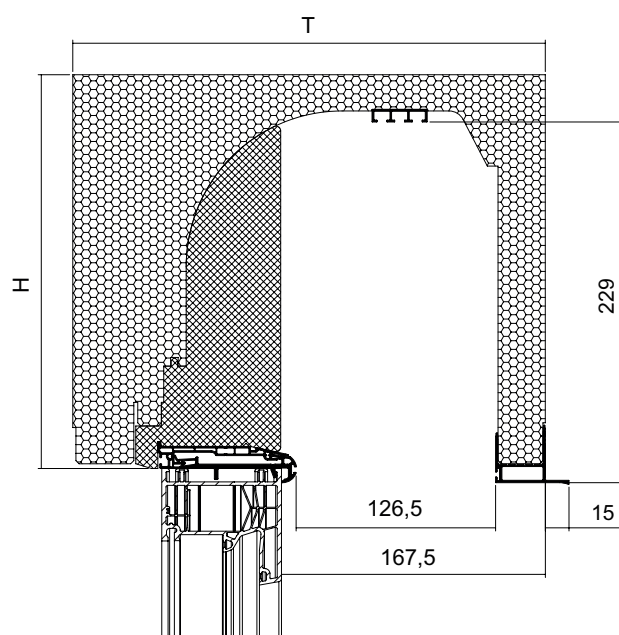
comfort motor drive.

Application:

Plastered masonry, faced brickwork, façade to exterior insulation finishing system regulations (EIFS), passive house standard.

Box sizes

Height H	Depth D	Enext
250	240	
280	260	
	280	
	300	
	340	
	360	



Enext_RG external Venetian blind	250/240	250/260	250/280	250/300	250/360	250/240	250/260	250/280	250/340
U-value W/m ² ·K	0,41	0,41	0,36	0,33	0,28	0,41	0,36	0,33	0,28
f _{RSI} value	0,83	0,83	0,82	0,82	0,81	0,83	0,82	0,82	0,81
T window connection in °C	15,7	15,7	15,6	15,4	15,3	15,7	15,6	15,5	15,3
masonry	ETICS	ETICS	ETICS	ETICS	ETICS	Brick	Brick	Brick	Brick

Enext_RG external Venetian blind	280/240	280/260	280/280	280/300	280/360	280/240	280/260	280/280	280/340
U-value W/m ² ·K	0,39	0,39	0,35	0,32	0,27	0,39	0,35	0,32	0,27
f _{RSI} value	0,83	0,83	0,82	0,82	0,81	0,83	0,82	0,82	0,81
T window connection in °C	15,7	15,7	15,6	15,4	15,3	15,7	15,6	15,5	15,3
masonry	ETICS	ETICS	ETICS	ETICS	ETICS	Brick	Brick	Brick	Brick

U-value = heat transfer coefficient | f_{RSI} = temperature factor | dB = sound insulation



 **OPTIMA**XX

Discover Optimaxx

OPTIMAXX - our new roller shutter system

Optimaxx – one name, one promise. Thanks to this further developed roller shutter system, we are able to achieve much better values in many areas. Be it in terms of stability, light transmittance or coil diameter.

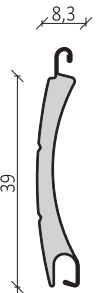
Our highlights for your Alulux moments:

- Significant reduction of the coil diameter to enable smaller roller shutter boxes
- Durable product of the highest quality
- Outstanding stability in Alulux guide rails
- Less light transmittance when closed
- Simple installation
- Complete blackout due to much less scattered incident light entering the room
- Increased anti-burglary protection when being forced open due to new shaft connector

Thanks to the tighter winding, the curtains have smaller coil diameters and thus require smaller boxes. This is also a simple and effective way to save space. Moreover, the small boxes on the façade are less obtrusive and visible.

The new CD 139 and CD 520 profiles let the sun, light and many other environmental factors enter a home whenever they are wanted. By offering added sun protection, optimised winding behaviour and innovative and robust quality, the two profiles are the ideal roller shutter solution for the homes of your customers.

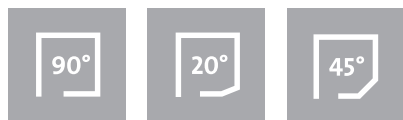
Technical data of the profiles

	CD 139	
	Nominal thickness	8,3 mm
	Surface area	39,0 mm
	Max. application size	7,0 m ²
	Max. application width	3,0 m
	Max. application height	4,0 m

	CD 520	
	Nominal thickness	13,5 mm
	Surface area	52,0 mm
	Max. application size	8,5 m ²
	Max. application width	4,0 m
	Max. application height	4,0 m

Box versions:

Varimaxx



Formado



Punext



Partico

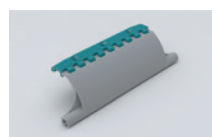


Enext



New shaft connector – new opportunities

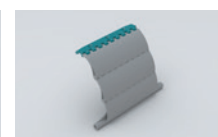
The new shaft connector can be easily converted from a 2, to a 3 or a 4-part connector, depending on the selected box size. It reduces paint abrasion considerably when used in connection with the new 56 mm shaft.



2-part connector



3-part connector



4-part connector



Shaft with new shaft connector



One drive - three systems!

Alulux Solar 2.0

for roller shutters, fabric screens and external Venetian blinds

Many home-owners are reluctant to equip their windows with motorised systems. Since tiles and wallpaper often have to be removed to route the necessary cables. This problem is a thing of the past with solar-powered roller shutters, fabric screens and external Venetian blinds from Alulux. Say goodbye to messy conversions and hello to the use of renewable solar energy. This helps to cut your energy costs while protecting the environment at the same time.

Overview of advantages:

- **Simple** - quick and easy installation
- **Powerful** - power battery with high-level performance
- **Secure** - 5-year guarantee on the power battery
- **Reliable** - battery can be recharged using a charger
- **Sustainable** - 100% utilisation of solar energy

Benefits of the solar elements compared to fully wired systems:

- + No additional holes in windows or façade required
- + No additional wiring required
- + No renovation work required (filling, plastering or wallpapering)
- + Wireless drive as standard
- + Free of the constraints of ever-changing electricity prices

INSTALL → ADJUST → DONE

Drive

- Wireless operation
- 12 V motor
- Quiet and energy-saving operation

12 V battery

- High energy reserve, 2500 mAh
- Reliable operation, adapted to the weather conditions of the German-speaking market

Solar panel

- Top quality solar panel
- 3.2 W output
- Reliable operation, regardless of its alignment (e.g. north facing) or the weather conditions (cloudy)

Wireless transmitter

- Wall-mounted transmitter, 868 mHz
- Table-top transmitter, 868 mHz
- 8-channel handheld transmitter / Time control

Booster

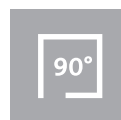
- Hardly visible
- Immediate access if necessary
- Accessible from indoors

Roller shutter box, screen: External Venetian blind cover:

Varimaxx

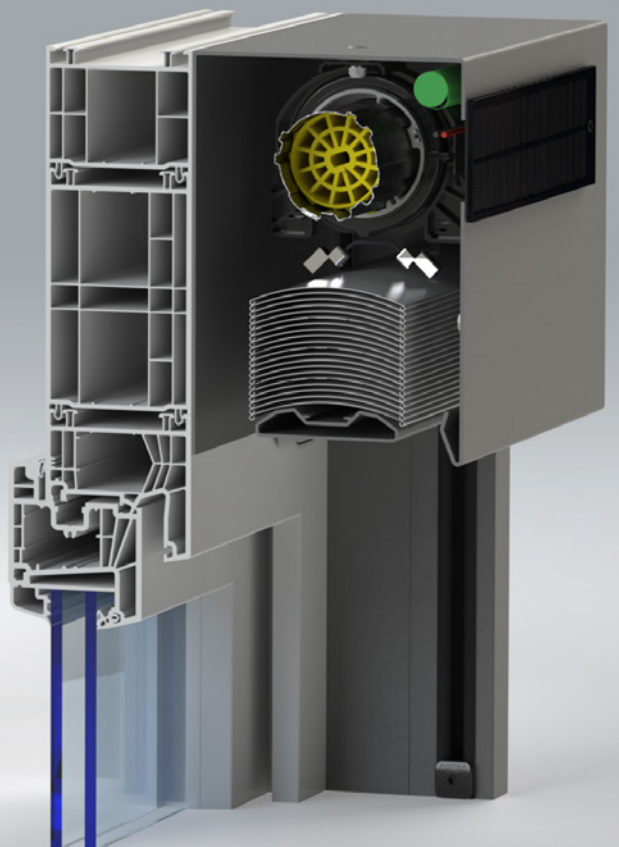
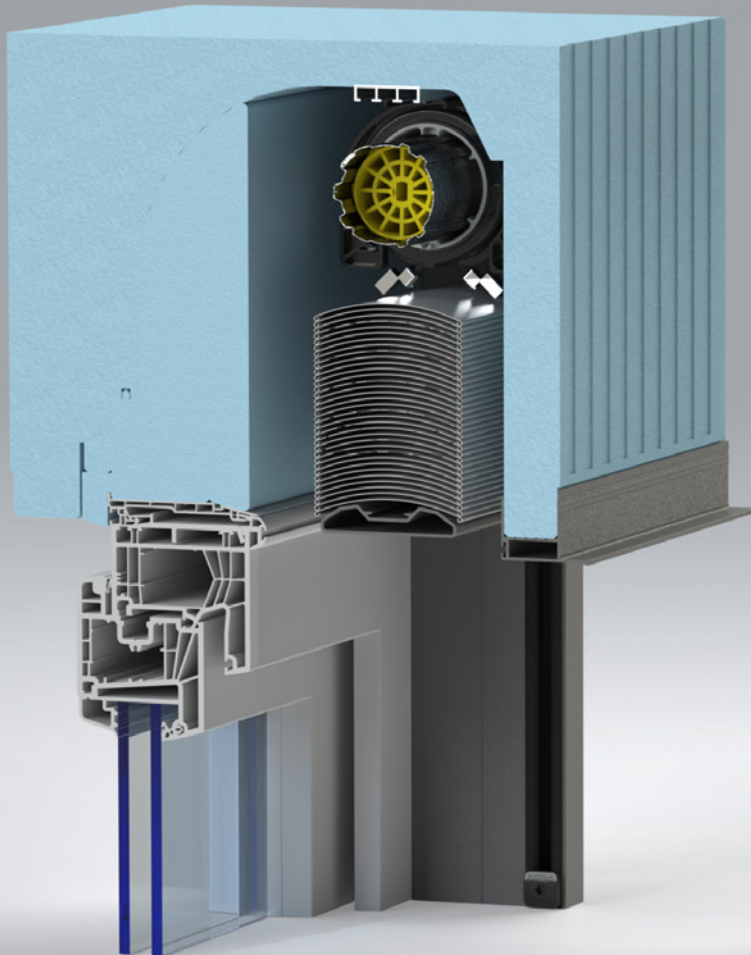
Formado

Complete external Venetian blind



Available from Q2/2024

 **OPTIRAFF**



ARtec - Alulux external Venetian blind technology

OPTIRAFF - the external Venetian blind system with a 56 mm shaft

Alulux external Venetian blinds offer a wide range of possible applications, be it for a new build or a renovation project. They can be installed flexibly wherever sufficient space is available.

OPTIRAFF the new drive concept of the Alulux external Venetian blinds featuring additional advantages.

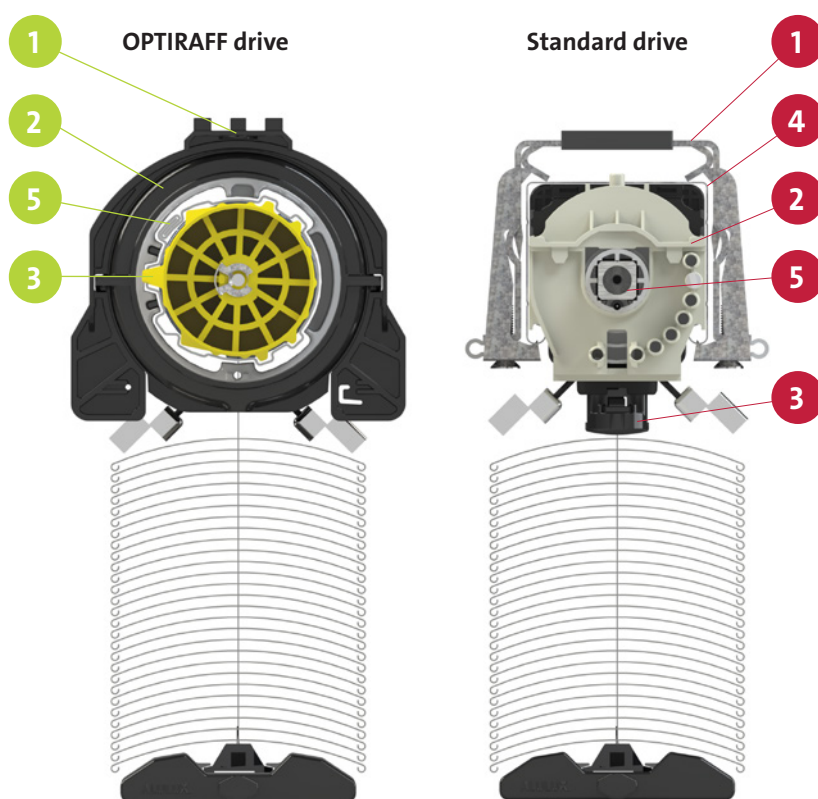
In the version with **OPTIRAFF**, the 56 mm shaft is used. Due to the smaller diameter of the

shaft, the curtain moves up and down faster. Yet another advantage is the technical adjustment of the 80 mm curled edge slat. The new geometry ensures an optimised stacking height while maintaining the same element height.

All products are configured and tailored to your property, with the entire manufacturing process taking place in Germany.

Drive comparison OPTIRAFF vs. standard drive

The various positions show the main differences to a standard drive.



1. ARtec reel holder
2. Reel
3. Tubular motor, incl. driver
5. Round shaft RW56

1. Head rail-click-support
2. Reel
3. Drive
4. Head rail 51 x 57
5. SQUARE rotating shaft



Top quality and simple installation

External Venetian blind Easy ARTec Shaft system (EAS)

Make your life easier with our external Venetian blinds. With the EAS external Venetian blind system from Alulux, your product is installed in next to no time and sits perfectly and securely in the façade. This system is rounded off by a cable bushing that makes unwanted cables disappear.

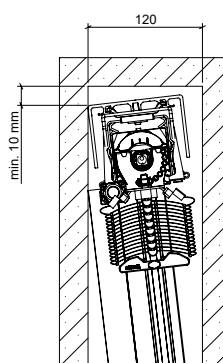
The EAS external Venetian blind system can be used for an element with a maximum width and height of 4.00 m and 4.20 m respectively. It is completely flexible, and the system is easy to install and use for both new builds and renovation projects. Moreover, it can be fully integrated into your smart home system.

Facts at a glance:

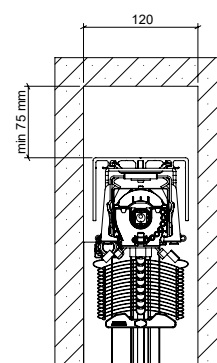
- Slat package only needs to be mounted and clamped into position
- Robust extruded support profile
- Cable routing integrated in the support profile
- Head rail centring
- Screw-in head rail support incl. resonance decoupling
- Simple installation
- Guide rail, incl. clip inlay
- Distance profiles, 5, 10, 20 or 40 mm optional
- Guide rail limiter
- Guide rail can be plastered over
- Slat package pre-assembled (up to 260 cm)



Installation variant 1
Sliding the complete element into the opening.



Installation variant 2
Attachment of the curtain to the guide rail in the opening.



Minimum opening depth of 120 mm when using AF1/80/RS with 80B slat

ARTec | EAS

Alulux Raffstore Technologie | Easy ARTec Schachtsystem



Drive concept

Stella Advanced Technology

The StellaGroup has been developing drives and automation solutions for many years to equip the products of its French companies Profalux, Eveno, Sofermi and Flip. These drives have already been installed well over three million times in roller shutters, external Venetian blinds and interior blinds in France. Boasting production in Europe and a 7-year guarantee, many specialist firms and fitters already swear by the benefits of these drives.

Further developments enable direct networking with the boxes of the largest manufacturers of home automation systems. This specific range of networks, controls and drives is available under the brand name:

Stella Advanced Technology.

The product range of this brand will be reserved exclusively for the products of StellaGroup companies. In the course of development, the range can be extended to new products of the Group, including in countries outside France. It represents a common transversal reference brand for each relevant unit of the StellaGroup.

Stella Advanced Technology thus offers specialist firms an alternative to Somfy drives. However, Somfy shall remain a key partner of the companies.

The StellaGroup wants to offer specialist firms sustainable, factory-set, programmed, easy-to-install and ready-to-use motorised products at extremely competitive prices. The products manufactured by the StellaGroup guarantee end users the best experience and comfort possible. Moreover, energy costs can also be controlled by utilising free solar energy.

Within its array of solutions, Stella Advanced Technology distinguishes between two distinct systems:

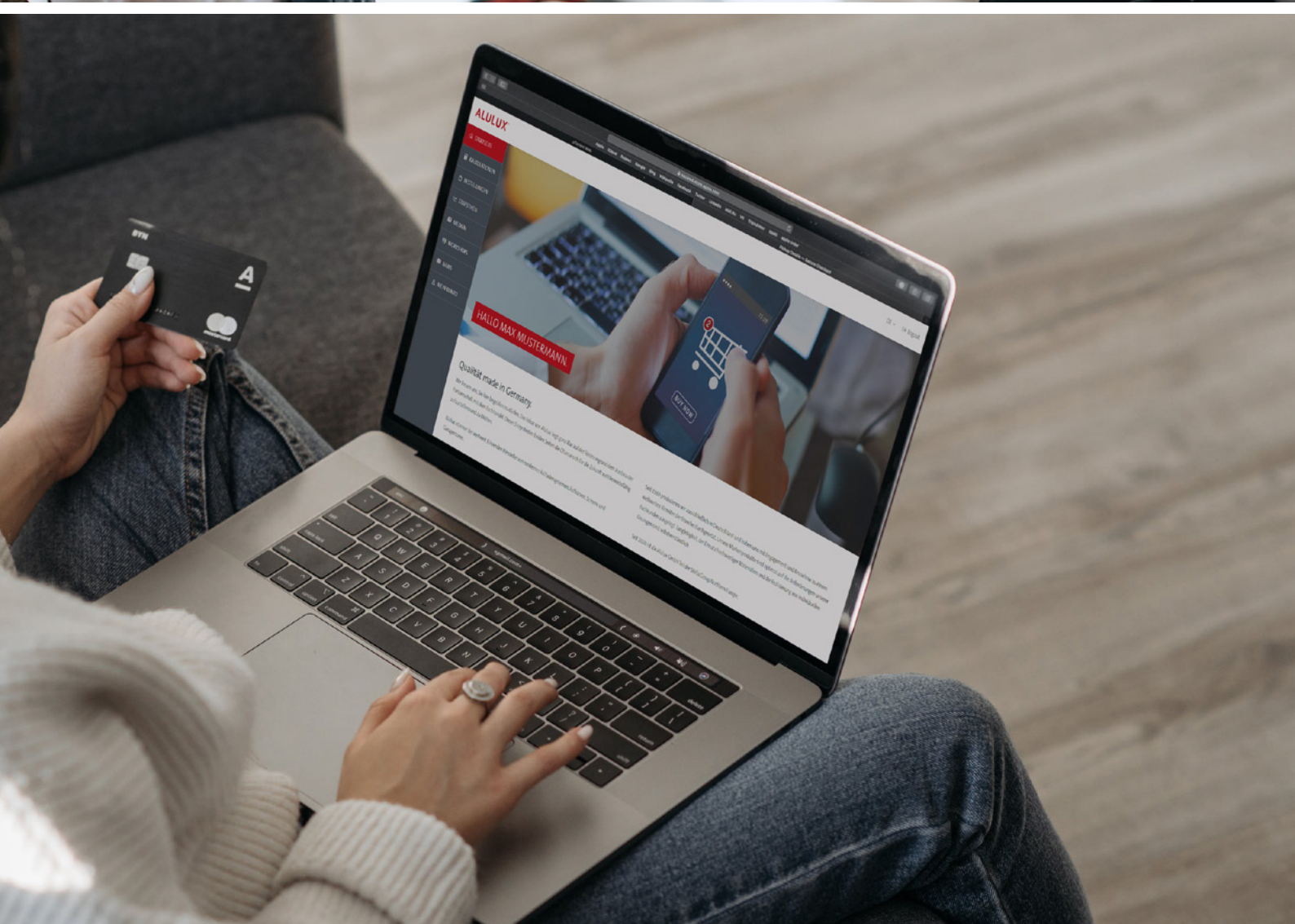
Neosol:

The solar drive that operates independent of a building's electrical installation and utilises renewable energy, i.e. natural light.

Calypshome:

Intelligent control automatisms that are able to seamlessly network with other brand worlds via directly compatible boxes and voice assistants.

Stella | **Advanced Technology®**



Faster. Better. Digital.

Our Alulux partner portal. The online shop.

Under its motto "Faster. Better. Digital.", Alulux has taken the next step in digitalisation. The new **PARTNER PORTAL** provides Alulux specialist partners with the opportunity to access the world of Alulux products any time and anywhere.

Whether you are looking to prepare a calculation, an end customer quote or simply place an order – the Alulux partner portal provides the required support and makes these processes easier.

But the **PARTNER PORTAL** offers much more besides. Always up to date and accessible, you will discover sales-promoting documents, installation instructions and documentation that specialist retailers need on a daily basis.

Operation

Achieve your goals simply and quickly. Prepare calculations and end customer quotes in just a few steps, incl. a plausibility check of the products during the application.

Access

As an Alulux specialist retailer, you can obtain access to the Alulux partner portal for all your employees.

Calculations

- Prepare and copy calculations for construction projects, from simple to complex, with very little effort.
- Use the calculations to prepare quotes with extra charges and discounts for end customers, home-owners and renovators simply and easily.
- The calculations can be viewed at any time using filters and the search function for the construction project.

Orders

Your orders are checked for plausibility and technical feasibility by the configurator as soon as they are entered.

Statistics

The portal provides you with a clear overview of sales trends, including a comparison of sales over the last three years.

Media

Always up to date and all in one place. All supporting documents relating to Alulux products can be retrieved and downloaded at any time in the media area.

News

Stay up to date with information about Alulux, products, campaigns and promotions.

My account

Maintain an overview of all company data activity or customise data flexibly.



www.alulux.com

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