



ALUKON

Sonnenschutz Rollladen Insektenschutz

LS DARK

DARKENING VENETIAN BLINDS

**THE
VENETIAN BLIND
SYSTEM**

for a perfect
darkening

ALUKON
Sonnenschutz Rollläden Insektenschutz

THE ALUKON DARKENING VENETIAN BLINDS LS DARK

WITH INTELLIGENT USE OF DAYLIGHT

A complete venetian blind system for shaft installation, with and without panels, designed to meet the special requirements for darkening in living spaces. ALUKON LS Dark venetian blinds are completely opaque in the dark with illuminated interiors.

Due to the special slat contour, the intelligent light control technology of our LS 80 venetian blind slats is used at the same time when the slats are open. It enables glare-free enjoyment of sunlight with maximum use of daylight. The light is directed to the ceiling and floods the room.

Heat rays in summer are deflected by the slats and in the winter it helps to use solar energy and the sunlight level. This is done automatically in the predefined light guiding position of 20°. Constant readjustment is not necessary.

**More products and innovations can also be found at
WWW.ALUKON.COM**



DARKENING AND LIGHT CONTROL

LS DARK VENETIAN BLINDS – THE MOST IMPORTANT POINTS AT A GLANCE



Blackout

optimum closing action
in innovative design



Sun protection

pleasant indoor climate
even on hot summer days



Privacy protection

opaque even with illuminated in-
terior



Glare protection

daylight is directed glare-free
into the room



Daylight control

more daylight in the room
thanks to special slat contour



View

high visibility from inside
looking outside

**Stability**

sturdy bottom rail and integrated anti-lift device

**Ease of use**

the systems can be opened and closed independently using automation

**Save energy**

less room cooling and better use of daylight

**Made in Germany**

durable, high-quality materials

**Facade design**

LS Dark available in ten trendy colours

A woman with long dark hair, wearing a grey ribbed sweater over a white collared shirt, is looking out a window. The window has horizontal blinds that are partially open, allowing soft light to filter through. The background is slightly blurred, showing a modern interior with a dark sofa and a plant.

DARKNESS REALLY CAN BE THIS BEAUTIFUL

WITHOUT GLARE

From cosy atmosphere to opaque darkening.

The light guiding slats have good closing action and also allow adequate darkening during the day. At night, the closed slats protect against view from the outside, even if it is brightly illuminated inside.





COMBINES DARKENING WITH LIGHT CONTROL

ELEGANT DESIGN IN FRONT OF THE WINDOW

The special LS slat shape for optimal light guidance combined with dark slat colours creates an even more effective darkening impact. From the outside, the LS Dark system is an aesthetic eye-catcher on the façade.

Closed slats

for optimal darkening of rooms with optimal closing behaviour



20° light guiding position

Glare-free slat position with the best possible view of the outside. Tracking is not necessary.

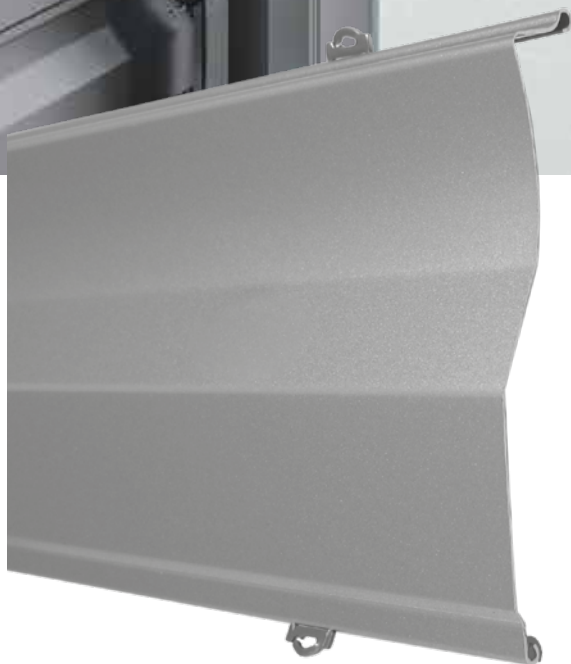


LS DARK DARKENING VENETIAN BLINDS



External venetian blind with special design

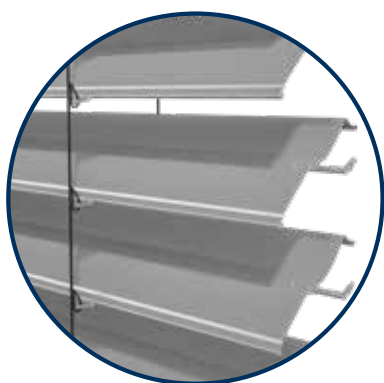
The partially concave slats, which are flanged on both sides, are additionally provided with a piping on the lower edge flanging. On the one hand, this dampens the closing action and wind noises and, on the other hand, it optimally seals the slats so that they lie one above the other.



DESIGN WITH FUNCTION

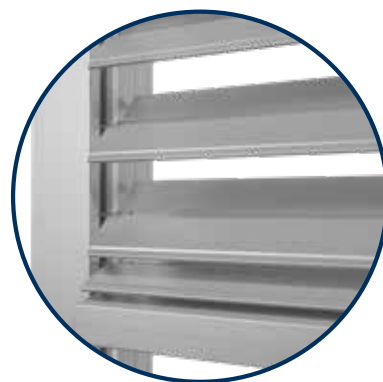
THROUGH INNOVATIVE TECHNOLOGY

The special features of LS Dark are the unpunched slats, as the upward and downward movement takes place via the side lift in the guide rails. The extremely stable bottom rail is equipped with an additional anti-lift device for increased security.



Filigree, space-saving loop cords

for the slat opening and slat closing movement



Guide rail preventing incidence of light at the sides

with additional brush and, if required, guide rails equipped with optional cover plate



DARKENING EFFECT

LS DARK VS. FLAT SLATS F 80



Darkening with LS Dark

A darkening can be achieved much more effectively in the same living space with LS Dark, as no disturbing light spots shine into the interior thanks to the lack of lift strap punching required in the slats. This system also blocks the view into the illuminated apartment at night.





Sense of space with closed flat slats F 80

The closed flat slats, which only overlap slightly, still let relatively high levels of daylight into the living space. The lift strap punchings also allow light to pass through and daylight can also pass through easily from the side in the guide rails area.



F 80

FLAT SLATS

C/CV 80

FLANGED SLATS

Z 80Z-SHAPED, FLANGED
SLATS

THE ALUKON SLAT RANGE

TAILORED TO YOUR NEEDS

External venetian blinds are all-rounders in the field of sun and privacy protection. They illuminate the room in particularly soft, glare-free light and allow a sufficient view outside, while also maintaining privacy from outside.

The slats in front of the window provide good heat protection in the summer and can also increase the solar energy and daylight level in the room in winter when the sun is shining. They can be continuously controlled and adapted to the respective situation, right up to darkening with privacy function from outside to inside. In order to cope with weather conditions such as strong sunlight, wind and weather, the ALUKON venetian blind slats are made of particularly high-quality, corrosion-resistant aluminium. In order to meet the different requirements, we have four different slat shapes in our product range.

F 80 slats

space-saving, light and beautifully shaped design with low stack height



C/CV 80 flanged slats

flanging on both sides makes the slat more stable, in offset stacking CV 80 requires less space than with standard stacking of the C 80 slat



Z 80 slats

stable z-shaped slat contour with flanging on both sides and piping on the underside for



LS 80

LIGHT GUIDING SLATS

**LS DARK**

DARKENING



noise damping and better closing action, well suited for darkening

LS 80 light guiding slats

particularly designed slat contour for optimal light control at all times of day and year, fitted with sealing piping in the lower flanging and therefore sound-absorbing and well suited for darkening

**LS Dark**

for use in LS Dark venetian blinds, for optimal darkening of living spaces, with sealing welt in the lower flanging and without lift strap punching, for maximum reduction of light reflections





FUNCTIONALITY REALLY CAN BE THIS BEAUTIFUL

WITHOUT GLARE

Heat rays in summer are deflected by the slats and in winter it helps to use solar energy and the sunlight level. This is done automatically in the predefined light guiding position of 20°. Constant readjustment is not necessary.



CONVENIENT OPERATION

THE RIGHT ONE FOR EVERY APPLICATION

Regardless if the motorisation is planned for a new building or takes place during subsequently renovation, with modern radio-controlled motors you have all the functions in your hand and can conveniently control individual venetian blinds or groups from your bed or sofa.

With automatic controls, the sun shading systems fully open and close automatically – even when you are not at home.

Radio control

radio drives with hand-held transmitters or timers offer extra comfort



Automation

with suitable drives, sun protection systems are Smart Home compatible and can be integrated into existing house controls



MOTOR DRIVES

THE COMFORT GAIN FOR YOU

External venetian blind systems are always equipped with convenient electric drives.

Systems that are to be installed in places where there is no electrical connection can also be equipped with bevel gears.

OVERVIEW

VENETIAN BLINDS

slats	F 80 Flat slats	C 80 flanged slats	CV 80 flanged slats	Z 80 z-shaped, flanged slats	LS 80 Light guiding slats	LS Dark blackout blind
Technical data for RAFF-E						
max. width	400 cm	-	400 cm	400 cm	400 cm	-
max. height	450 cm	-	405 cm	373 cm	393 cm	-
Technical data for façade venetian blinds						
max. width	500 cm	400 cm	500 cm	400 cm	400 cm	300
max. height	450 cm	450 cm	450 cm	450 cm	450 cm	300
Technical data for external venetian blinds						
max. width	360 cm	-	360 cm	360 cm	360 cm	-
max. height	366 cm	-	225 cm	200 cm	215 cm	-
Technical data for AK-FLEX						
max. width	500 cm	-	500 cm	400 cm	400 cm	-
max. height	450 cm	-	300 cm	260 cm	260 cm	-
Technical data for AK-MIRO PLUS						
max. width	335 cm	-	335 cm	335 cm	335 cm	-
max. height	450 cm	-	300 cm	260 cm	260 cm	-
Slat colours						
	RAL 7016 anthracite grey					
	RAL 7021 black grey					
	RAL 7035 light grey					
	RAL 7038 agate grey					
	RAL 8019 grey-brown					
	RAL 9001 cream white					
	RAL 9006 white aluminium					
	RAL 9007 grey aluminium					
	RAL 9016 traffic white					
	DB 703 iron-mica					

Subject to technical changes. Similar to illustrations. No liability for printing errors.

Colours may be subject to printing deviations.

Slats	F 80	C 80	CV 80	Z 80	LS 80	LS Dark
Visibility and sun protection	***	***	***	****	****	****
light control in the room	**	**	**	***	*****	*****
View	****	**	**	****	****	****
Darkening	**	**	**	****	****	*****
Stack heights	*****	*	****	***	***	***
Advantages	Sun protection	Sun protection	Sun protection and optimised stacking action	Stability, darkening	Light control technology, darkening, stacking action	Maximum darkening and light control technology

* Valuation

ALUKON
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ALUKON SUN PROTECTION, ROLLER SHUTTERS AND INSECT SCREENS

QUALITY PRODUCTS MADE IN GERMANY

ALUKON is one of the leading German manufacturers of roller shutters, sun and insect protection products. Our production takes place at two locations in Konradsreuth in Upper Franconia and Haigerloch in Swabia.

ALUKON products are developed with great commitment and a high level of innovation and are made to measure from high-quality and durable materials, whether for modernisation or new construction.

Find the right product and colour variety for your needs and choose from a wide range of additional options. We offer you customised complete solutions from a single source.

With ALUKON products, you can individually adapt the privacy, indoor climate and lighting mood in the room.

**More products and innovations can also be found at
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