

ELECTRONIC SOLUTIONS

ONE GRID.

INFINITE POSSIBILITIES!

ELECTRONIC

***THE LEADING SYSTEM FOR
EASY AND SUSTAINABLE
EVENT BUILDING.***

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LEDskin®

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EASY & SUSTAINABLE EVENT BUILDING



BEMATRIX IS THE INVENTOR AND BELGIAN MANUFACTURER OF THE FRAME SYSTEM WITH BIG HOLES, LAUNCHED IN 1993.

Bematrix leverages the event industry towards positive transformation with a higher convenience and return for customers in a sustainable manner.

OUR MISSION IS TO BE THE LEADING SYSTEM FOR EASY AND SUSTAINABLE EVENT BUILDING!

The bematrix system offers event builders and exhibitors endless possibilities with endless kinds of concepts for exhibition stands, congress walls, expositions, indoor and outdoor events and pop-ups.

A SUSTAINABLE STEP FORWARD: FRAMES WITH ECO+ FINISH

Bematrix introduced the ECO frame as an ecological alternative to the anodised frame.

Anodising is a chemical surface treatment harmful to the environment. We invented a brushing technique with the same look as the end result, but without environmental risks.

MORE ON OUR EFFORTS TO MINIMISE OUR IMPACT ON THE ENVIRONMENT IN OUR SUSTAINABILITY REPORT



Scan the QR-code for impact

"The bematrix system offers endless possibilities with endless kinds of concepts for exhibition stands, congress walls, expositions, indoor and outdoor events and pop-ups. You have one frame, but infinite possibilities."



All dimensions of the b62® frame system have been **based on the perfect 62 x 62 mm matrix.** The width, length and height of the constructions are always multiples of 62.

The 62 mm matrix delivers **the ultimate modularity with countless configuration options.**



reddot award winner



Why bematrix?

FAST & EASY BUILDING

Less sweat, more wow. Our **lightweight, tool-less system** lets builders set up faster, drink their coffee warmer and still deliver more projects in less time.

NO LIMITS TO CREATIVITY

Designers love bematrix because we say “yes” where others say “impossible.” **One grid, infinite possibilities** – from jaw-dropping brand stories to experiences that get people talking.

YOUR BUSINESS ACCELERATOR

Our frames don't just build stands, they build companies. By investing in **long-lasting solutions**, entrepreneurs cut costs, scale smarter and grow without needing an army of extra hands.

BACKED BY A GLOBAL FAMILY OF INNOVATORS

Working with bematrix means joining **the original innovator** in modular frame systems – and a movement that's always first with the next big thing. With 12 rental hubs, a global bePartner and beMaster network, and 300+ passionate beManiacs, you're never alone. **Wherever you are, we've got your back.**

SUSTAINABILITY WITH A SMILE

We were **reusable** before it was cool. Our frames are designed to last, be reused again (and again), and eventually upcycled or recycled. **Good for the planet, great for your karma.**

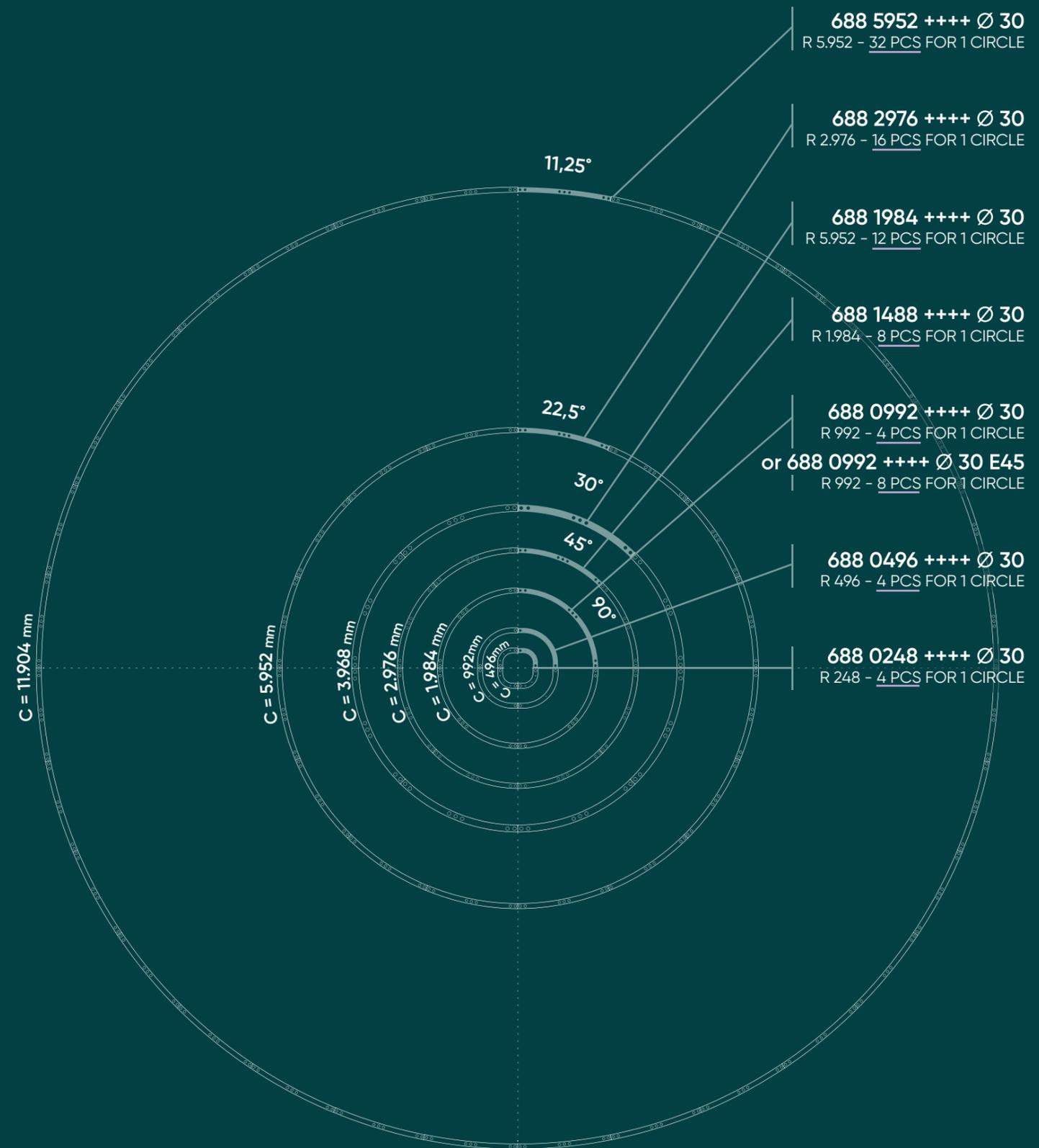
***BUILD FASTER, GROW SMARTER,
CREATE WITHOUT LIMITS, REUSE FOREVER!***

– AND KNOW WE'VE GOT YOUR BACK, WHEREVER YOU GO.

Building curved sections made easy

No matter the intricacy of your ideas or design concept, with our **b62®** **curved frames range with 7 radii**, any project can come to life thanks to the endless possibilities when combined with standard frames.

Straight and curved frames are fully compatible because of the perfect 62 x 62 matrix and any infills will fit seamlessly.



C = Circumference
R = Radius
Ø = Diameter

PRODUCT PRINCIPLES





b62

The 62 mm grid assures a perfect fit in any direction. Create any shape imaginable.

1



360°

Use the frame for walls, ceilings and floors. It harmoniously blends into one.

5

2 Toolless

Hardly any tools needed. The fastest system to build.



6 Welded frames

Lighter, stronger and faster assembly than standard frames.



3 System & custom

Unique merge of the modular system and custom elements.

3



7 Bematrix, our dna

Easy to finish (panels/textile) and always connectable to the rest of the system.

7

4 ClimatePartner Certified frame

Calculate product carbon footprints, set reduction targets, implemented reduction measures and finance climate projects.



8 Keep the body, change the skin

Endlessly reusable, just change the graphics!



8



LEDSKIN®

What is LEDskin®



With LEDskin® you can easily integrate a LED wall into an existing modular frame system with the perfect matrix of 62 mm. A top product in which frame and infill blend into one single digital communication solution for dynamic content.

LEDskin® transforms your bematrix stand into a real **hotspot**, full of animation and motion and makes your stand a true **experience**. In the blink of an eye you can combine LED cabinets and frames to create an impressive animated display, mosaic structure, have a curved wall or create 3D animations with perfect corners. On top of that, all LEDskin® products can be **seamlessly** integrated for a sleek and clean finish.



MODULARITY IS KEY

The dimensions of the individual LED panels **fit perfectly with the bematrix concept**. Both frame and LEDskin® have a thickness of 62 mm and allow a seamless assembly and finish.

SEAMLESS FINISH

LEDskin® frames can easily be **finished at the back** using textile or panels (patented design). These finishing options can be simply attached by using the silicon edges with textiles and hook and loop tape when using panels. The sides can be finished with cover profiles to cover all the holes. This results in a sleek and clean finish without any visible cables or technology.

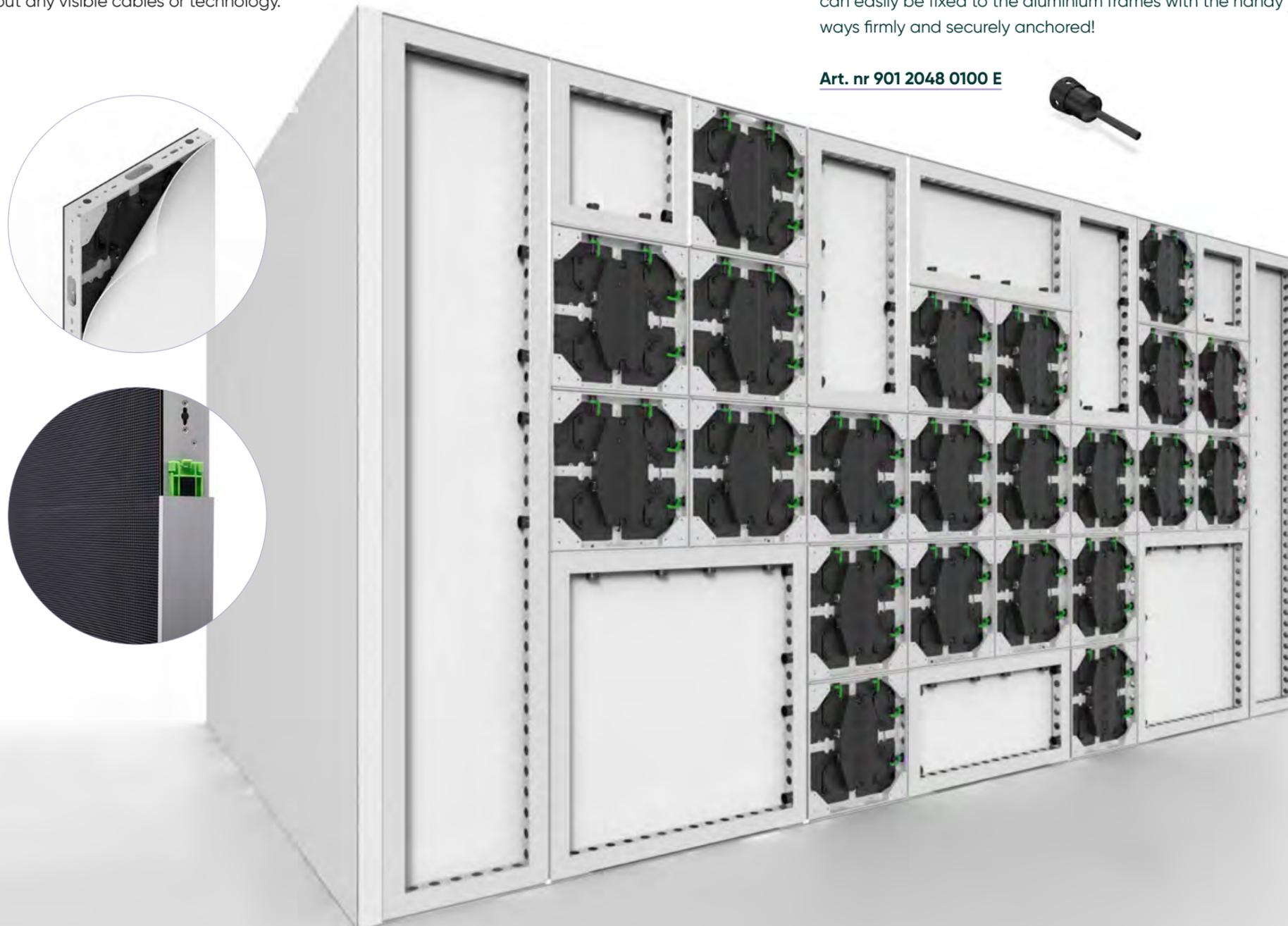
PIXEL PITCHES TO FIT YOUR NEEDS

The LEDskin® products are available in 4 pixel pitches: **1.5, 1.9, 2.5 and 2.5 mm outdoor** offered as straight and perfect-corner modules, with curved modules available for the 1.9 mm pitch. On top of that the 2.5 product can also be used outdoors. This way, we guarantee optimal resolution and brightness for a wide spectrum of applications.

UNIVERSAL ATTACHMENT SYSTEM

LEDskin® has been designed as a building block for the bematrix frame system. Therefore, the LED frames can easily be fixed to the aluminium frames with the handy **standard M8 connectors**. Ready in a jiffy, always firmly and securely anchored!

Art. nr 901 2048 0100 E



Product features

Every bematrix LEDskin® product has been created with the same strong product features: easy connection, service ability and compatible with the b62 product range. Let's get a closer look to the P1.9 curved module.

EASY CONNECTION

We installed **extra slots**, for a quick connection with other LEDskin® products such as the straight, curved, or perfect corner modules. Connection with slot profiles, Double Deck and beConstruct are also possible.



MOVEMENT
IN YOUR DOUBLE
DECK PROJECT



Scan the QR-code to get inspired!

HANDLE LIKE A PRO

Every LEDskin® cabinet has grips for safety, easy handling and fast building.

SEAMLESS FINISH

The advanced, precision-engineered frame ensures flawless visuals with **no gaps or seams**, delivering consistent perfection every time.

POWER IN- AND OUTPUT

Industry standard power plugs with a live connection capability. You can **connect multiple** frames together with the power in and output.

LIGHTWEIGHT

For optimal handling we kept all LED panels as light as possible.

SERVICE ABILITY

PDU module on the **back** can easily be removed without any tools.

LED modules in **front** can be exchanged with the use of the Gekko (P1.9 & P2.5) or the Panel Removal tool COB (P1.5).

Art. nr 200 20 02

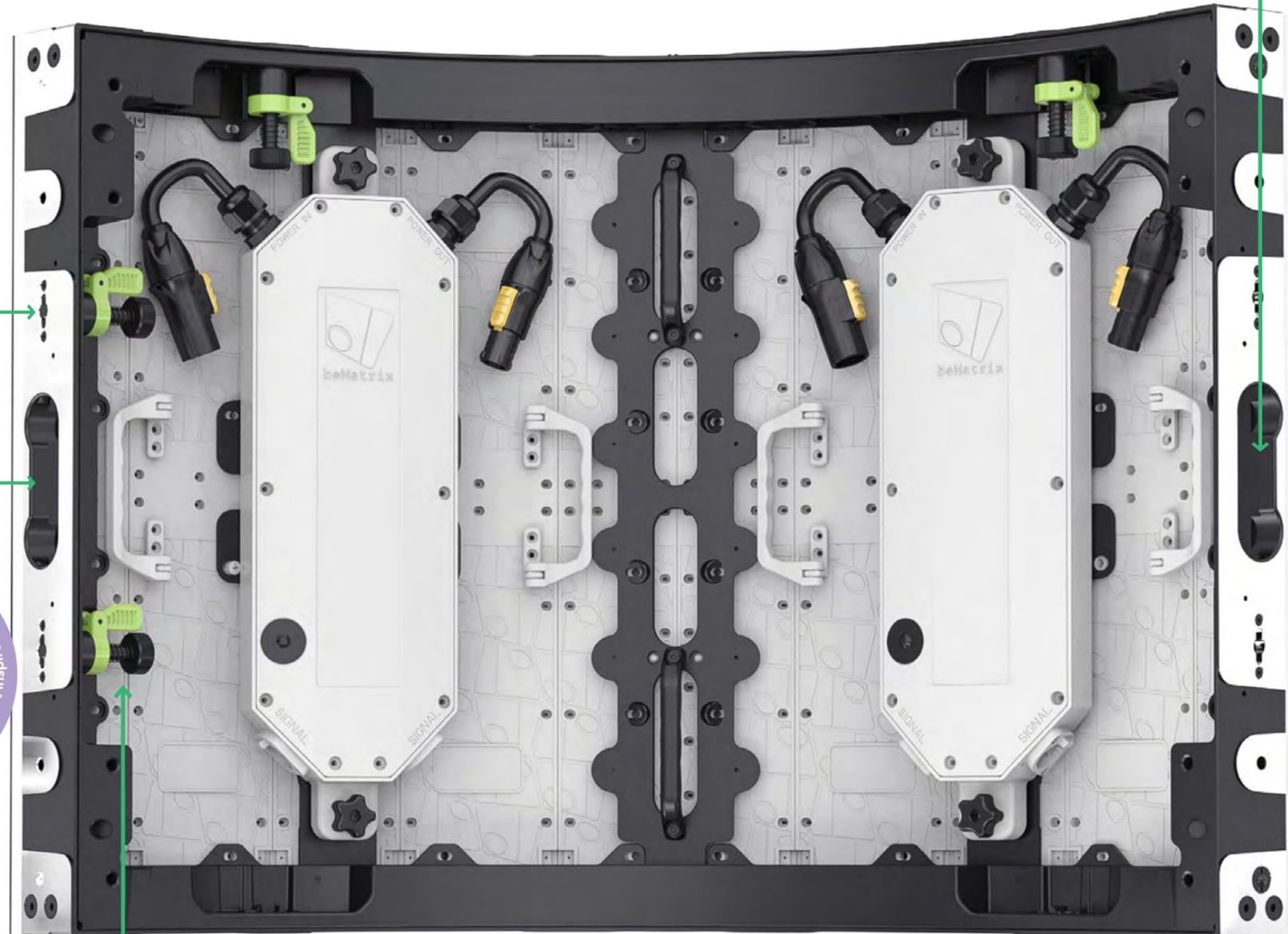
Art. nr 200 20 28



SEE HOW
TO REMOVE PANELS
WITH GEKKO



Scan the QR-code to watch!



LOCK IT UP

Quick Locking system with built in **precision alignment**. The locks stay inside de b62 perimeter.



***TURN YOUR STAND INTO
AN EXPERIENCE***

Product assortment

LEDskin® P1.5

Art. nr 215 20 08

Produced by
Unilumin

Bematrix and Unilumin have created a high quality LEDskin® cabinet. The LED modules are available in pixel pitch 1.5 mm with **COB Flip Chip LED technology**. More integration options are available such as to the beConstruct profile, or any other b62 product. Thanks to its **robust design** this is a big game changer, as it is the first LED cabinet with robust technology that is available in the rental business.

CHIP ON BOARD TECHNOLOGY

The COB (Chip on Board) technology is new in the rental market where many **individual RGB LED chips are mounted on a thermally efficient substrate** placed below a uniform contrast enhancing and physical protective layerstack.

This technology has a much more durable LED surface continuously contributing to a high reliability combined with the hassle free setup that all bematrix products have.



SUSTAINABLE SOLUTION

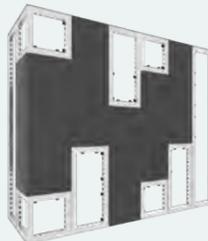
Unlike printed products, LEDskin® not only delivers dynamic and reusable content, it is also engineered for low power consumption, minimising energy use while maximizing impact.

Save on transportation and investment thanks to our rental model where you can **collaborate through the bePartner network**. Our LEDskin® bePartners have LEDskin® stock and years of experience in the audiovisual sector. They can help you with perfectly integrating the LEDskin® into your bematrix stand and assist in setting up striking content.

CORE SPECIFICATIONS

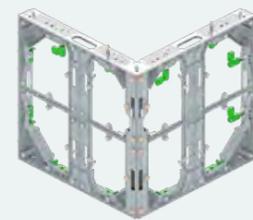
- ◆ Original bematrix b62 frame compliant
- ◆ State of the art COB (FC) technology: robust technology
- ◆ 320 x 320 HxV pixels **highest resolution**
- ◆ Cool and power efficient design
- ◆ Brightness 1000 Nits, contrast $\geq 10\ 000/1$
- ◆ Size 496 x 496 x 62 mm
- ◆ Extremely lightweight 6.1 kg cabinet
- ◆ Fast and easy installation
- ◆ **Patented.**

RELATED PRODUCTS



LEDSKIN® SET 2M² - P1.5
8 straight LEDskin® modules of 496 x 496 mm packed in a sturdy flight case.

Art. nr 215 20 08



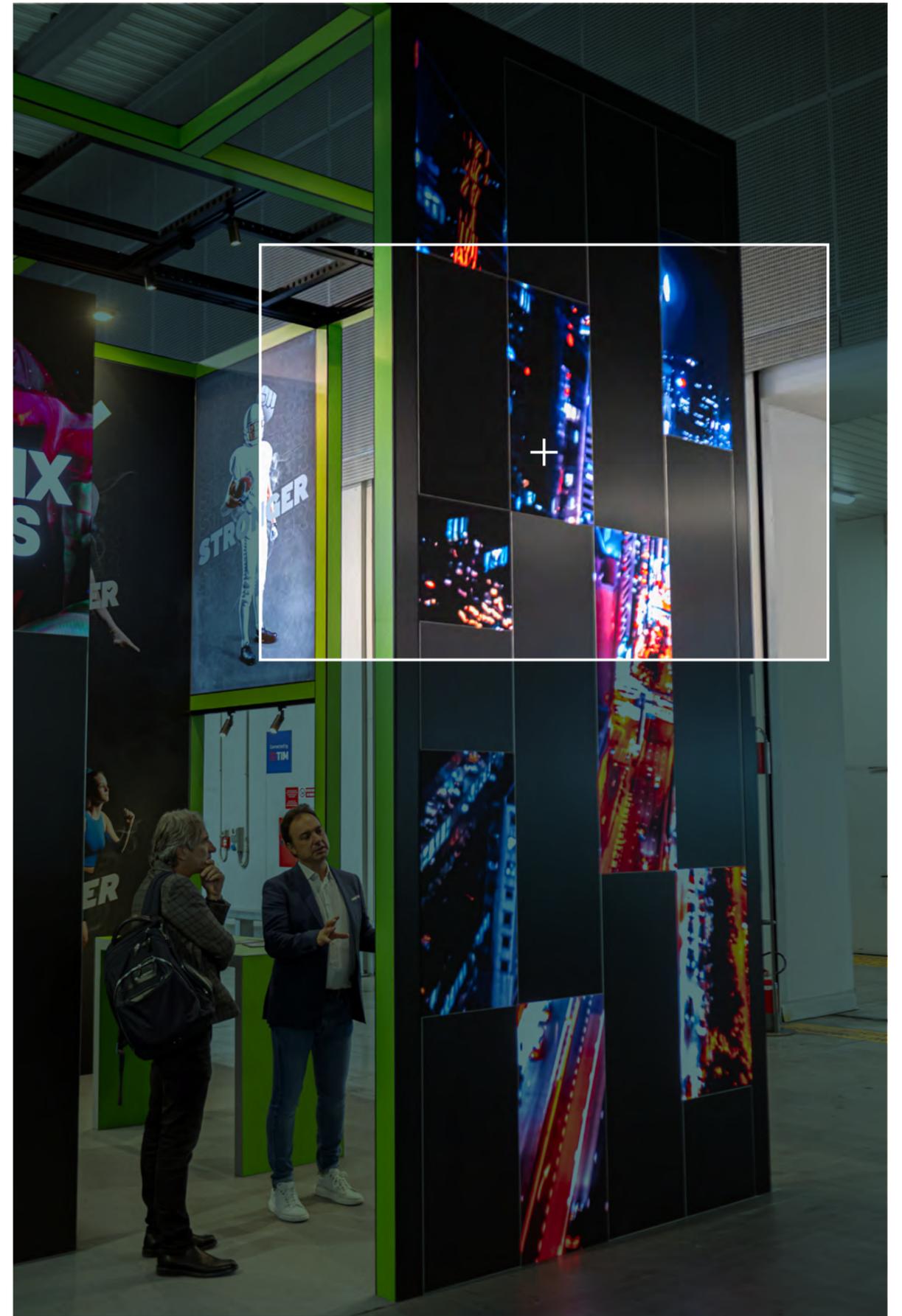
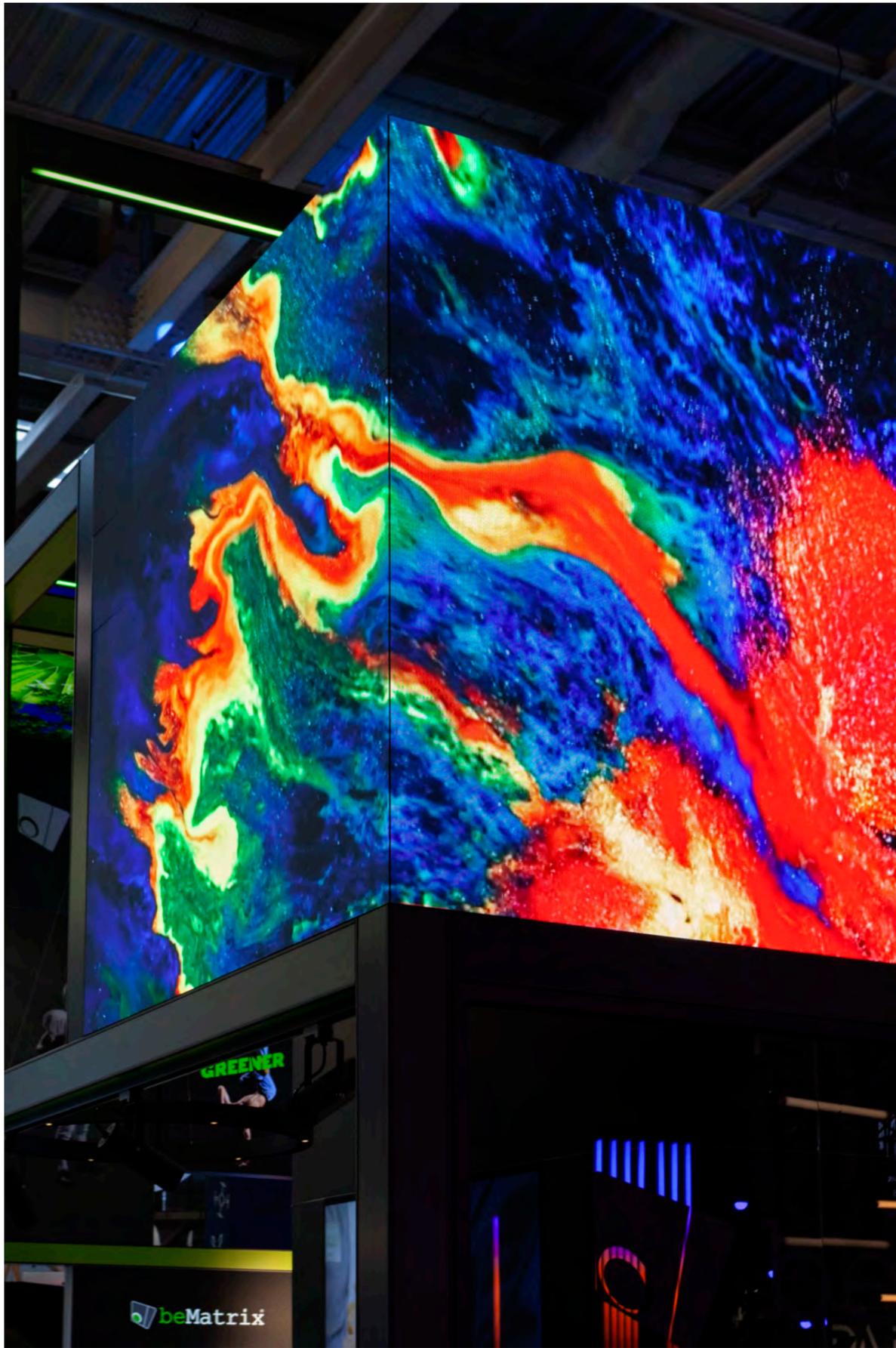
LEDSKIN® PERFECT CORNER SET FOR P1.5
Set with 4 perfect corner pieces delivered in a sturdy flightcase

Art. nr 292 04 00



LEDSKIN® PANEL REMOVAL TOOL COB
Panel removal tool with strong magnets for front maintenance of the LED module

Art. nr 200 20 28



LEDskin® P1.9

Art. nr 219 10 08

Produced by
INFILED

There is a technology trend where resolutions always seems to increase, **display quality** always gets better and **sharpness** or pitch follows this trend. As a market leader, bematrix launches products that go beyond market demands. We developed the high-resolution **LEDskin® 1.9 2-in-1 GOB**, a platform that enables maximum creativity.

GLUE ON BOARD TECHNOLOGY

A very **thin layer of glue is applied on top of the whole LED module** to reinforce the individual LEDs and resulting in a higher overall product durability. This advanced top notch GOB technology forms at the same time an additional contrast enhancing optical layer providing viewers a very high image quality.



FREEDOM OF FORM

The creative ways in which you can use this LEDskin® P1.9 are almost endless and allow you to unlock your imagination. Think outside the conventional cube with a **convex and concave** LED module.

The P1.9 LED technology uses a wide viewing angle and gives your content a stunning color & brightness. Next to the curvature options we also offer a P1.9 **perfect corner** to play with optical illusion.

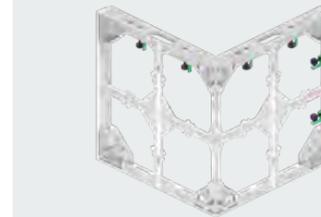


CORE SPECIFICATIONS

- ◆ Original bematrix b62 frame compliant
- ◆ State of the art GOB (FC) technology: **robust technology**
- ◆ 256 x 256 HxV pixels highest resolution
- ◆ Cool and power efficient design
- ◆ Brightness 1000 Nits, contrast ≥ 5000/1
- ◆ Size 496 x 496 x 62 mm
- ◆ Extremely lightweight 8.5 kg cabinet
- ◆ **Patented**



RELATED PRODUCTS



LEDSKIN® PERFECT CORNER SET FOR P1.9

Set with 4 perfect corner pieces delivered in a sturdy flightcase

[Art. nr 291 04 00](#)



LEDSKIN® P1.9 CURVED IN

Set with 4 concave pieces delivered in a sturdy flightcase

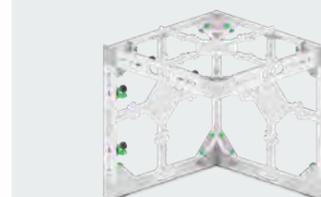
[Art. nr 289 14 19](#)



LEDSKIN® P1.9 CURVED OUT

Set with 4 convex pieces delivered in a sturdy flightcase

[Art. nr 289 04 19](#)



LEDSKIN® 3D CORNER SET

Build seamless and vibrant corners with unmatched flexibility and visual image quality

[Art. nr 295 07 00](#)

LEDskin® P2.5

Art. nr 225 10 08

Produced by
INFILED

LEDskin® 2.5 is another generation of LEDskin® with a new design language, improved display specifications and more integration options. It has a pixel pitch of 2.5 mm with **improved displayed image quality**. At the same time, the LED surface has an improved strength and robustness using **IMD 2 in 1 LED technology**. Available in straight, perfect corner and outdoor modules.

INTEGRATED MATRIX DEVICE LED TECHNOLOGY

This LED cabinet uses IMD (Integrated Matrix Device) 2 in 1 technology. **Two groups RGB LEDs are gathered in a small unit** called IMD. This generation of LED packaging technology meets and exceeds the current market demand in terms of both image quality and durability.



TECH TALK

The LEDskin® P2.5 cabinet gives you a high reliability thanks to its improved **anti-collision performance**. This latest developed state of the art IMD 2 in 1 LED technology offers an **improved color and brightness** consistency over a wide viewing angle. The benefits and qualities give you once more a stunning bematrix creative solution.

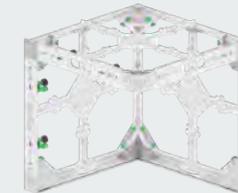
CORE SPECIFICATIONS

- ◆ Original bematrix b62 frame compliant
- ◆ IMD 2.5 MT2 technology: **high colour consistency**
- ◆ 192 x 192 HxV pixels high resolution
- ◆ Brightness 1200 Nits, contrast ≥ 5000/1
- ◆ Size 496 x 496 x 62 mm
- ◆ Lightweight 7.5 kg cabinet
- ◆ Fast and easy installation
- ◆ **Patented**



RELATED PRODUCTS

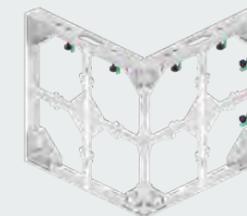
NEW



LEDKIN® 3D CORNER SET

Build seamless and vibrant corners with unmatched flexibility and visual image quality

Art. nr 295 07 00



LEDKIN® PERFECT CORNER SET FOR P2.5

Set with 4 perfect corner pieces delivered in a sturdy flightcase

Art. nr 291 04 00



LEDKIN® FLIGHTCASE

Sturdy flightcase for 8 modules with in-case protection and cable compartment

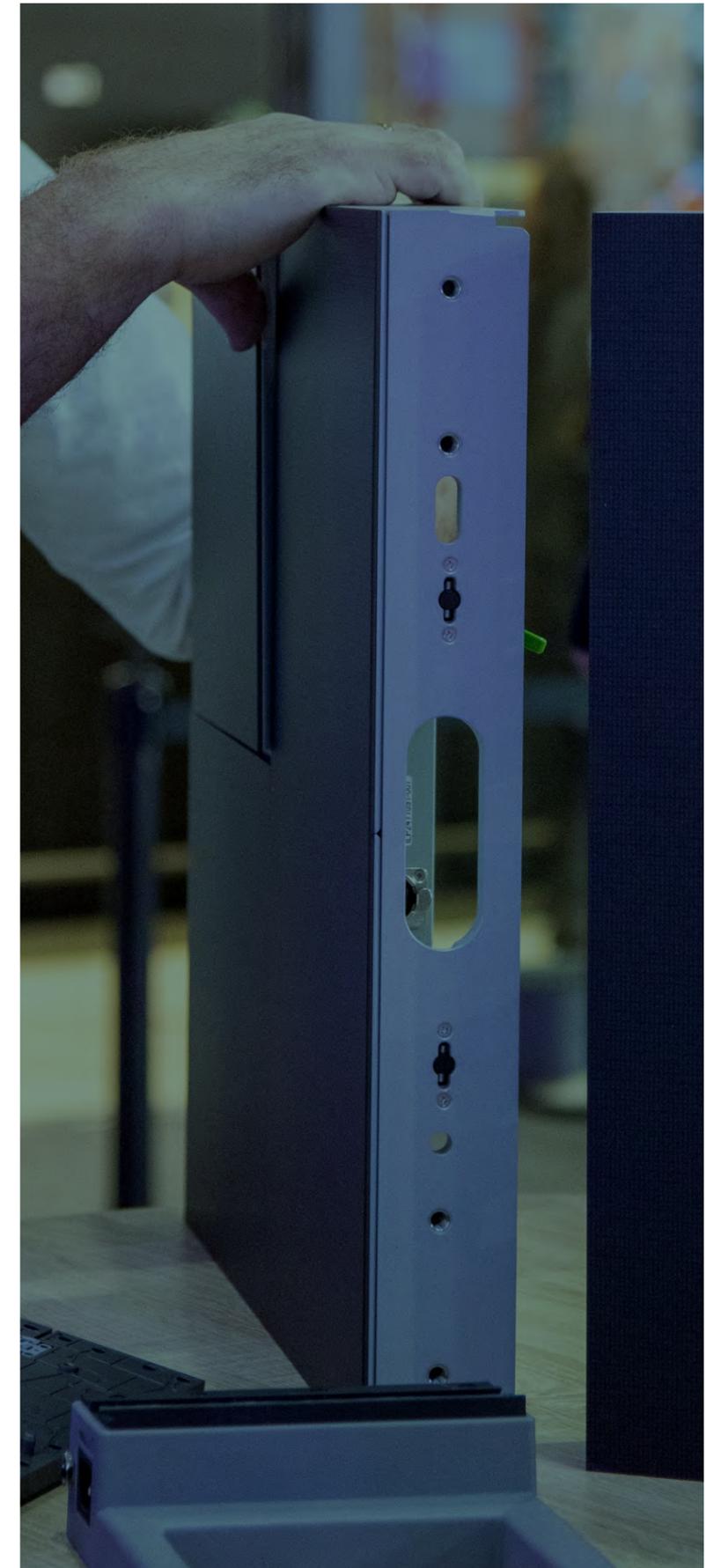
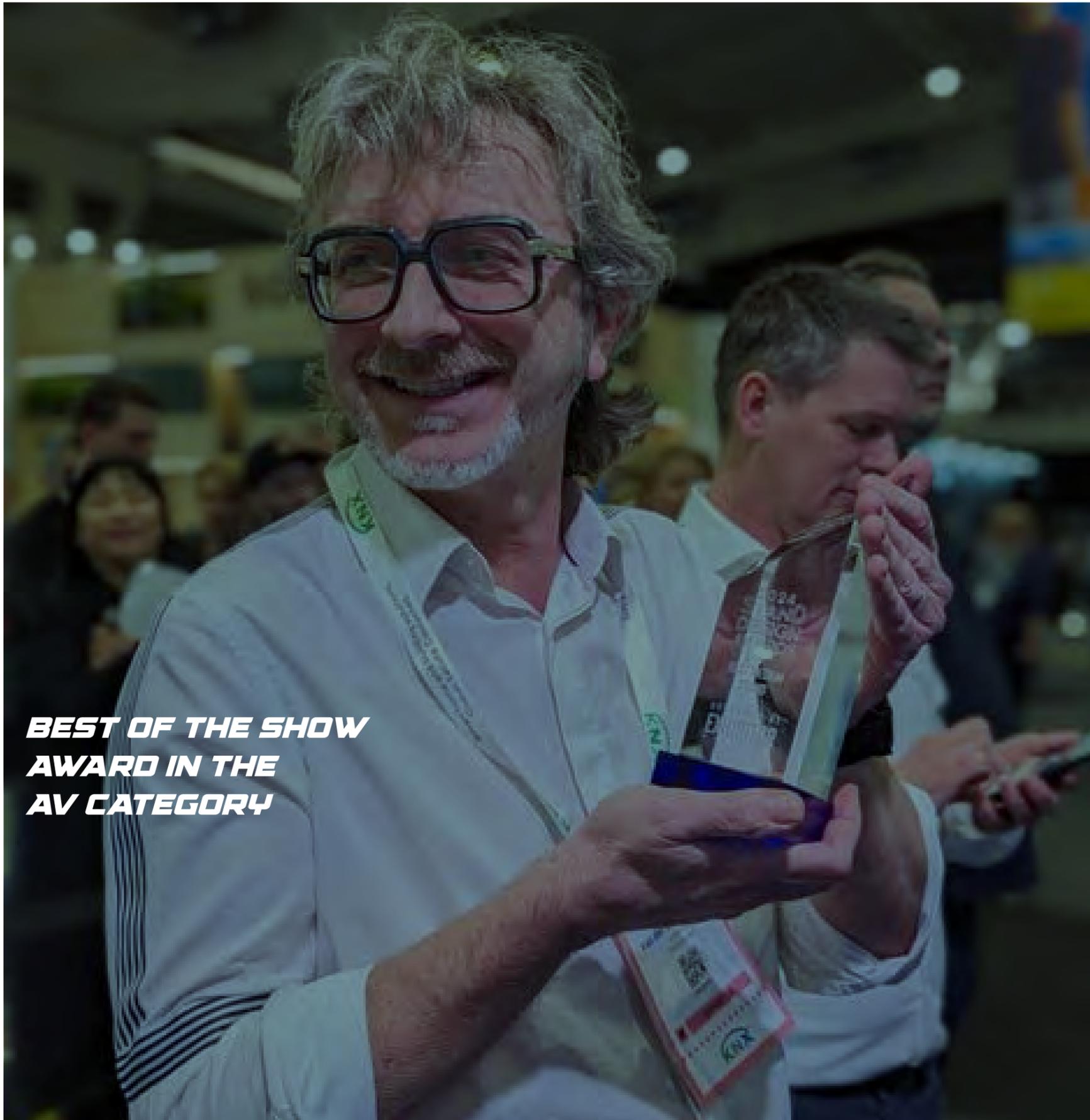
Art. nr 200 20 05



LEDKIN® GEKKO

Tool to easily replace a magnetic LED module of a LEDskin® tile via the front side.

Art. nr 200 20 02



**A SEAMLESS VIEW,
EVEN UNDER THE
OPEN SKY.**

LEDskin® P2.5 Outdoor

Art. nr 225 10 08

Produced by
INFILED

Bematrix is literally stepping outside with the LEDskin® P2.5 Outdoor. We are taking our first steps into the world of outdoor LED displays with a **'near view' LED solution** in pixel pitch 2.5. Near view means that visitors can view information and advertisements up close on a bright screen with a sharp viewing angle. With this product, we focus on the market of smaller **pop-up events and outdoor exhibitions** where visitors can pass close to the screen and see the information at a glance.

BRING YOUR OUTDOOR EVENT TO LIFE

The high screen brightness typically required for an outdoor screen (4000NIT) together with a stunningly high contrast makes this bematrix product a perfect fit for your outdoor events. Additionally, when there is no outdoor event ongoing, the bematrix Outdoor LEDskin® is also a near to perfect fit for indoor usage and adds seamlessly with the bematrix product range.



SHARP VIEWING ANGLE

This outdoor product differentiates itself from competition as it delivers a high image quality, typically expected for indoor usage. The new beMatrix outdoor LEDskin® shines over a very wide viewing angle making you really stand out with high quality visual imaging, non depending on the viewers position.

CORE SPECIFICATIONS

- ◆ Original bematrix b62 frame compliant
- ◆ High efficiency high brightness outdoor LED
- ◆ Protective and contrast enhancing optical layer GOB
- ◆ 192 x 192 HxV pixels high resolution
- ◆ Brightness of at least 4000 Nits
- ◆ Size 496 x 496 x 62 mm
- ◆ Lightweight 8 kg cabinet
- ◆ Fast and easy installation
- ◆ P65 **outdoor protection class**
- ◆ Outdoor True1 TOP connectivity
- ◆ **Patented**

RELATED PRODUCTS



LEDKIN® SET 2M2 - P2.5 OUTDOOR SET

Set with 8 straight LEDskin® modules of 496 x 496 mm delivered in a sturdy flightcase

[Art. nr 225 11 08](#)



LEDKIN® FLIGHTCASE

Sturdy flightcase for 8 modules with in-case protection and cable compartment

[Art. nr 200 20 05](#)



LEDKIN® GEKKO

Tool to easily replace a magnetic LED module of a LEDskin® tile via the front side.

[Art. nr 200 20 02](#)



LEDKIN® NOVASTAR CONTROLLER MX20

Get your content running on the LED screens with Novastar

[Art. nr 200 21 16](#)



Technical specifications

LED PANELS

PRODUCT	P1.5 COB		P1.9 2-IN-1 GOB	
SHAPE	Flat	Flat	Concave	Convex
ART. NO.	215 20 08	219 10 08	289 14 19	289 04 19
RATING IN/OUT	Indoor		Indoor	
PIXEL PITCH	1,55 mm		1,94 mm	
MANUFACTURER	UNILUMIN		INFILED	
PIXEL DENSITY	416.233 pixels/m2		266.389 pixels/m2	
LED CONFIGURATION	Flip Chip COB		IMD MT2	
SURFACE FINISH	COB		GOB	
PICTURE ENHANCEMENT	EBL+		CBSF	
MODULE RESOLUTION (H/V)	160 x 160 pixels	128 x 128 pixels	138 x 96 pixels	156 x 96 pixels
MODULE DIMENSIONS	248 x 248 mm	248 x 248 mm	356 x 248 mm	402.6 x 248 mm
CABINET RESOLUTION (H/V)	320 x 320 pixels	256 x 256 pixels	368 x 256 pixels	416 x 256 pixels
CABINET DIMENSIONS (H X V X D)	496 x 496 x 62 mm	496 x 496 x 62 mm	496 x 496 x 496 mm	496 x 496 x 496 mm
CABINETS PER FLIGHT CASE	8	8	4	4
CURVE RADIUS / ANGLE			R 430 mm / 90°	R 430 mm / 90°
FRAME	Unilumin MKI	Infiled MKIII		
CABINET WEIGHT	6,1 kg	7,9 kg		
MAX BRIGHTNESS CALIBRATED	1000 nits		1000 nits	
MAX POWER CONSUMPTION (W/PANEL)	140 W	150 W		
AVG POWER CONSUMPTION (W/PANEL)	45 W	50 W		
VIEWING ANGLE (H/V)	170°/170°	170°/170°		
CONTRAST	>1:10.000		>1:5.000	
SCAN RATE	01:40	01:32	01:32	01:32
OPERATING POWER SOURCE	100-240V AC, 50-60hz		100-240V AC, 50-60hz	
OPERATING TEMPERATURE	-10°C - +45°C		-10°C - +45°C	
REFRESH RATE	3.840 Hz		3.840 Hz	
IP RATING	IP30	IP30	IP30	IP30
PROCESSING PLATFORM	Novastar		Novastar	
RECEIVER CARD	A10s-Pro		A10s-Pro	
MAX HANGING	10	10		

ACCESSORIES

SLIM HANGING BEAM		200 20 20		
HANGING BRACKET 0496	200 20 26	200 20 21		
HANGING BRACKET 0992	200 20 27	200 20 22		
PERFECT CORNER SET (2 PCS)	292 04 00	291 04 00		
3D CORNER SET (7 SURFACES)		295 07 00		
ADJUSTABLE BRACKET	200 26 04	200 26 04		

PRODUCT	P2.5 2-IN-1	P2.5 OUTDOOR
SHAPE	Flat	Flat
ART. NO.	225 10 08	225 11 08
RATING IN/OUT	Indoor	Indoor/Outdoor
PIXEL PITCH	2,58 mm	2,58mm
MANUFACTURER	INFILED	INFILED
PIXEL DENSITY	149.844 pixels/m2	149.844 pixels/m2
LED CONFIGURATION	IMD MT2	3-in-1 SMD
SURFACE FINISH	Mask	GOB
PICTURE ENHANCEMENT	CBSF	
MODULE RESOLUTION (H/V)	96 x 96 pixels	96 x 96 pixels
MODULE DIMENSIONS	248 x 248 mm	248 x 248 mm
CABINET RESOLUTION (H/V)	192 x 192 pixels	192 x 192 pixels
CABINET DIMENSIONS (H X V X D)	496 x 496 x 62 mm	496 x 496 x 62 mm
CABINETS PER FLIGHT CASE	8	8
CURVE RADIUS / ANGLE		
FRAME	Infiled MKIII	Infiled MKIII
CABINET WEIGHT	7,5 kg	7,9 kg
MAX BRIGHTNESS CALIBRATED	1200 nits	2000 / 4000 nits
MAX POWER CONSUMPTION (W/PANEL)	144 W	200 W
AVG POWER CONSUMPTION (W/PANEL)	48W	67W
VIEWING ANGLE (H/V)	170°/170°	170°/170°
CONTRAST	>1:10.000	>1:10.000
SCAN RATE	01:32	01:16
OPERATING POWER SOURCE	100-240V AC, 50-60hz	100-240V AC, 50-60hz
OPERATING TEMPERATURE	-10°C - +45°C	-10°C - +45°C
REFRESH RATE	3.840 Hz	3.840 Hz
IP RATING	IP30	IP65
PROCESSING PLATFORM	Novastar	
RECEIVER CARD	A10s-Pro	
MAX HANGING	10	10

ACCESSORIES

SLIM HANGING BEAM	200 20 20	200 20 20
HANGING BRACKET 0496	200 20 21	200 20 21
HANGING BRACKET 0992	200 20 22	200 20 22
PERFECT CORNER SET (2 PCS)	291 04 00	291 04 00
3D CORNER SET (7 SURFACES)	295 07 00	295 07 00
ADJUSTABLE BRACKET	200 26 04	200 26 04



Service

RELIABLE SERVICE WHEREVER, WHENEVER

MORE THAN PIXELS. COMPLETE PEACE OF MIND

Investing in LEDskin® is more than choosing a premium LED solution. It's choosing **a partner** that stands by your side: before, during and long after the show.

FAST & RELIABLE REPAIR CENTRES

Because **downtime is not an option**. With dedicated LEDskin® repair centres across Europe, your tiles are in safe hands.

- ◆ Infiled repair centres in the Netherlands and the UK
- ◆ Unilumin repair centres in the Netherlands

DEDICATED LEDSKIN® SUPPORT TEAM

When questions arise, our LEDskin® experts are **just a call away**. Our in-house specialists, support you with technical know-how, troubleshooting and practical advice, so you're never left in the dark.

EXPERT TRAINING

Stay ahead of the curve with our regular **LEDskin® expert classes**, open for all customers. These sessions give your team the chance to learn directly from our specialists and exchange knowledge with peers. Need something tailored? We also organise on-demand training, adapted to your specific project or team needs.

A POWERFUL NETWORK AT YOUR FINGERTIPS

Through our **bePartner network**, you gain access to specialised LEDskin® content creators and can connect with owners of the same pitch and batch. For your next large project, that means less hassle and seamless compatibility.



LARGE BUILDS? NO PROBLEM.

From stability calculations to certified safety, we've got your back. All our LEDskin® products are certified and ready to shine in projects of **any scale**.

WHY TWO TRUSTED SUPPLIERS?

Because expertise matters. By combining the know-how of two world-class manufacturers with our own mechanical engineering, we bring you the best of both worlds: cutting-edge LED technology backed by decades of rental experience.

Our trusted LEDskin® partners

- ◆ **Unilumin:** A global leader in LED solutions with years of experience in high-end rental and staging projects. Known for their innovation, reliability and large production capacity, Unilumin ensures consistent quality and seamless availability.
- ◆ **Infiled:** One of the world's most respected LED manufacturers, with a strong track record in live events and fixed installations. Their continuous focus on R&D, precision and durability makes them the perfect match for demanding event environments. Together with our mechanical engineering expertise, their technology forms the backbone of LEDskin®, combining proven performance with total peace of mind.

ASSEMBLY ON DEMAND

We provide the **on-demand service of fully assembling** your purchased LED screen at our HQ in Belgium, allowing you to inspect it with confidence. This ensures a flawless setup and complete peace of mind for your very first show.

ALWAYS CONNECTED

From our **24/7 my bematrix platform** to our **global rental & service network**, we make sure you have the tools, support and stock you need - wherever your event takes place.

Transport & protect

LIGHTWEIGHT

For optimal handling we kept all LED panels as light as possible. One individual LEDskin® tile weighs in **between 7 and 8 kg**, depending on the model, and has a handle to carry it around.

PROTECTIVE FLIGHTCASE

We improved our LEDskin® flightcase with the main goals of being **fast, safe, handy and full LEDskin® protection**. We provided a creative layout with **in-case protection** where no physical contact between LEDs and flightcase is possible. This flightcase fits 8 LEDskin® tiles (2 m²) and all cables needed for any creative setup. We even included a peephole to see your LEDskin® rolling.



Control

The dedicated LEDskin® Novastar platform is compatible with both Mac and PC operating systems, as well as with all popular video standards. We have one controller in our range, the **Novastar MX20** (200 21 16) which has a high pixel output & advanced features.



LIGHTBOX



What is a Lightbox

There is no end to the creative ways in which you can use our lightboxes. From a perfectly aligned lightbox integrated in between frames, for a minimal and flawless look, to a unique combination of a number of lightboxes **in all shapes and sizes**, for a fabulous and eye-catching 3D effect. Increase modularity with the lightbox **profiles** and have more flexibility and space with our lightbox **extensions**.



62S sideLED Lightbox

The 62S is our only single sided lightbox in the range with a width of 62mm which fits perfectly with b62 frames. This makes it the perfect building block in your range. Thanks to the powerful improved sideLED modules, a very **visible item that can change your design** immediately.

To ensure the stability of the frame we advise a maximum dimension of 992 x 2976 mm. If there is extra support from the surrounding frames, your construction can go up to 1488 x 2976 mm.

RELATED PRODUCTS



62S LIGHTBOX

Lightbox with a depth of 62 mm, single sideLED lighting composed with 62S profiles. Supplied with all necessary electronics

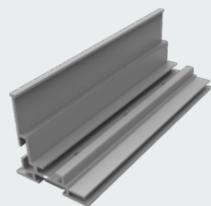
Art. nr 780 +++++ 08



62S LIGHTBOX PROFILE WITHOUT HOLES

62S profile is used for the build a sideLED Lightbox with a depth of 62 mm

Art. nr 719 +++++ D00



62S LIGHTBOX PROFILE WITH D8 HOLES

62S profile is used for the build a sideLED Lightbox with a depth of 62 mm

Art. nr 719 +++++ D08



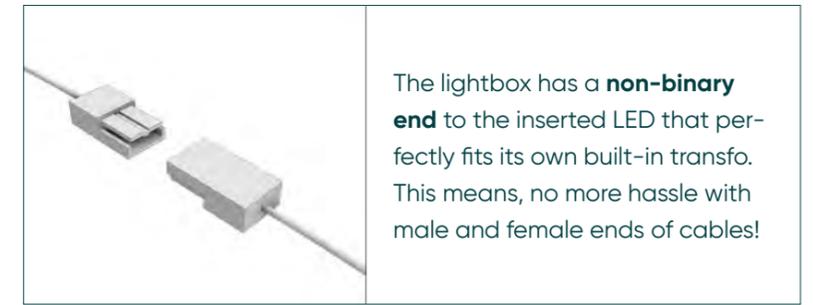
124D sideLED Lightbox

The 124D sideLED Lightbox uses a lower and thinner profile that ensures that there is less chance of shadow. Thanks to the **adjusted lighting beam**, that allows you to illuminate at a shorter distance on two sides, the lightbox has a bigger light output and can be perfectly used in bigger designs. Go **infinitely wide** thanks to intermediate tubes that guarantee you strength in your construction.

THE 124D LIGHTBOX IS PERFECTLY COMBINABLE WITH BECONSTRUCT



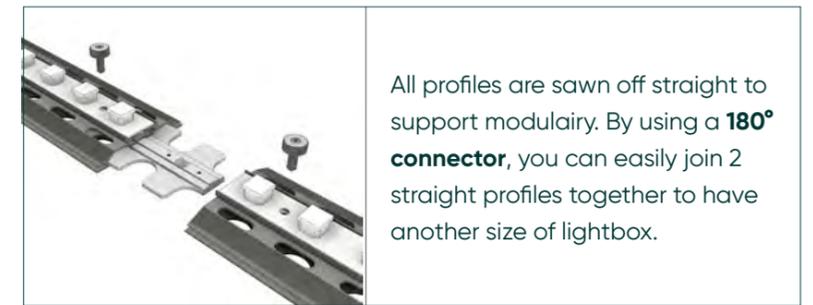
Scan the QR-code to discover!



The lightbox has a **non-binary end** to the inserted LED that perfectly fits its own built-in transfo. This means, no more hassle with male and female ends of cables!



Technical innovation: we replaced the joining set with numerous screws with an **aluminium corner piece**. Just slide the profile in and fasten it with 2 screws.



All profiles are sawn off straight to support modularity. By using a **180° connector**, you can easily join 2 straight profiles together to have another size of lightbox.



The LED strip is **secured with handy clips** that also provide cut-outs for clamping cables. This ensures easy cabling.



Intermediate tubes are provided for larger structures. These are attached with clips.

RELATED PRODUCTS



124D LIGHTBOX

Lightbox with a depth of 124 mm, double sided sideLED lighting composed with 124d profiles. Supplied with all necessary electronics

Art. nr 781 +++++ D3X



124D LIGHTBOX PROFILE WITHOUT HOLES

124D profile is used for the build a sideLED Lightbox with a depth of 124 mm

Art. nr 781 +++++ D00



124D LIGHTBOX PROFILE WITH D8 HOLES

124D profile is used for the build a sideLED Lightbox with a depth of 124 mm

Art. nr 781 +++++ D08



124d Lightbox extensions

We offer the possibility to build a modular 124D **perfect corner Lightbox without any blind spots**. We have two solutions to offer flexibility in your Lightbox range.



124D PERFECT CORNER LIGHTBOX - TRIPOD

434x434x496 welded and double sided 90° corner lightbox structure to create a perfect corner

Art. nr 782 000



124D PERFECT CORNER-FRAME

Fully welded perfect corner-frame for the 124D Lightbox to build a perfect corner

Art. nr 782 001 +++++



186D sideLED Lightbox

The 186D lightbox is a double sided lightbox with a width of 186 mm. This ensures you **stability** in your design and is especially created for bigger light constructions where **strength** is key. If you want to have a **broader look** on your lightbox and your stand, this is the perfect lightbox to use! You can either integrate it or use it as a standalone object.



RELATED PRODUCTS



186D LIGHTBOX

Lightbox with a depth of 186 mm, double sided sideLED lighting composed with 186D profiles. Supplied with all necessary electronics

Art. nr 786 ++++ ++++ D3X



186D LIGHTBOX PROFILE WITHOUT HOLES

186D profile is used for the build a sideLED Lightbox with a depth of 186 mm

Art. nr 786 ++++ D00



186D LIGHTBOX PROFILE WITH HOLES

This profile has a 3x30 diameter hole pattern that fit's the 62 grid perfectly.

Art. nr 786 ++++ DX3



Lightbox extensions

We have multiple solutions to offer even **more flexibility in our Lightbox range**. Create extra space with brackets thanks to the invisible magnets or hang a TV on the visible sides with the handy Lightbox flatscreen bracket.

Flatscreen bracket

Hang a TV on the visible side of the Lightbox thanks to a special Lightbox Flatscreenbracket. This bracket can be attached to the standard intermediate tubes.



Shelves & brackets

Create additional hanging space in front of your lightbox with **Lightbox magnets set** with one or two pieces (article 781 016 or 781 017).

With this addition, no notches need to be made in the textile. Max. permitted weight of 1 kg per magnet. (package excl. shelves, compatible with all market variants)



RELATED PRODUCTS



LIGHTBOX BRACKET WITH 1 MAGNET

Mount a strong integrated and invisible magnet on the intermediate tube of the lightbox. 1kg per magnet.

[Art. nr 781 016](#)



LIGHTBOX BRACKET WITH 2 MAGNETS

Mount two strong integrated and invisible magnets on the intermediate tube of the lightbox. 2kg per 2 magnets.

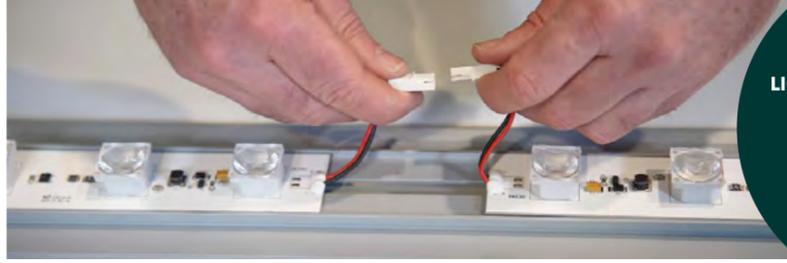
[Art. nr 781 017](#)



LIGHTBOX FLATSCREEN BRACKET SET

Complete set with flatscreen bracket, clamps and bolts to connect the bracket to the support profiles.

[Art. nr 781 018 SET](#)



LEARN HOW TO ASSEMBLE THE 124D LIGHTBOX AND EXTENSIONS



Scan the QR-code to watch!



124D POWERLED SIDE SET

Art. 270 00 08 SET

Next to the standard 473mm LED strip, there is a 178mm LED strip. to fill the remaining part of the 124D Lightbox when the standard LED strips are too long.

LIGHTBOX FLATSCREEN BRACKET

Art. 781 018 SET

124D LIGHTBOX SUPPORT

Art. 801 +++++ SET

Use when you want to extend your 124D Lightbox.

OR

TUBE D20/A.5 + SPRING CONNECTOR

Art. 801 +++++ 0010

Art. 781 019 SET

Use when you want to extend 124S, 168D, a b62 frame or put a flatscreen bracket in a curved frame.

LIGHTBOX BRACKET WITH 2 MAGNETS

Art. 781 017

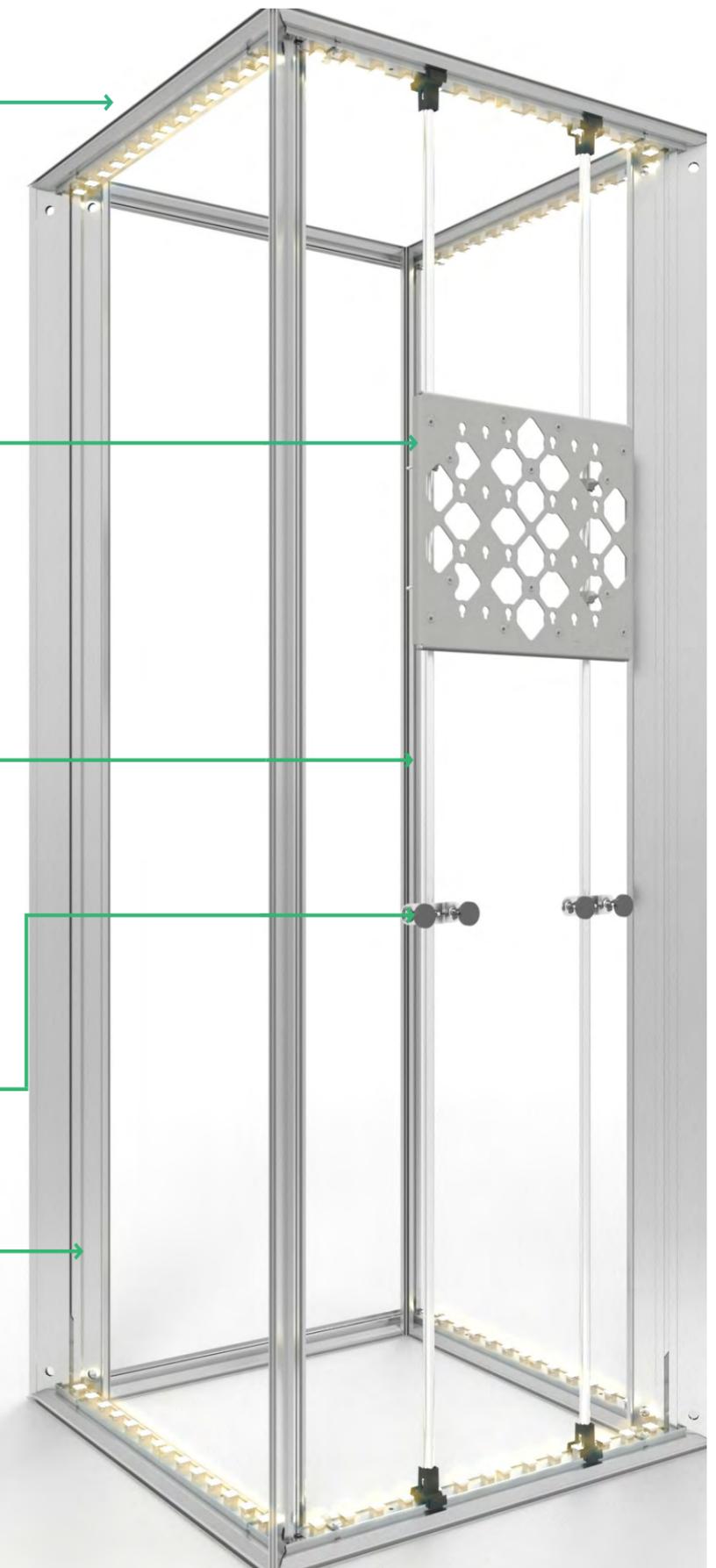
124D PERFECT CORNER LIGHTBOX - TRIPOD

Art. 782 000

OR

124D PERFECT CORNER LIGHTBOX - CORNERFRAME

Art. 782 001 +++++



LIGHTLINE



LightLine



BRIGHTEN THE DETAILS

Putting a bold idea into frames, sometimes is not enough. With the LightLine products, you can now **highlight accents or create unique features** in your design in an easy way. Discover the versatility of the Cover and Profile LightLine and make your customers' brand stand out even more. It's all about the details – and we like to brighten them.

Cover Lightline

Next to the b62 cover to clip onto the b62 frames, we have a Cover LightLine in our range. You can simply **add LED glow to the edges of the frames** with this product made of flexible base material. It attaches easily to the frames in the same way as the regular cover.

The Cover LightLine has RGBW LEDs, meaning red, green, blue and white LEDs. The light distribution is nice and even. It combines functionality (cover the holes) and sets the right tone to your stand.

It can be used as additional showelement or can brighten up any booth and shed extra light where the Cover LightLine is used in a more functional way. A real multifunctional!

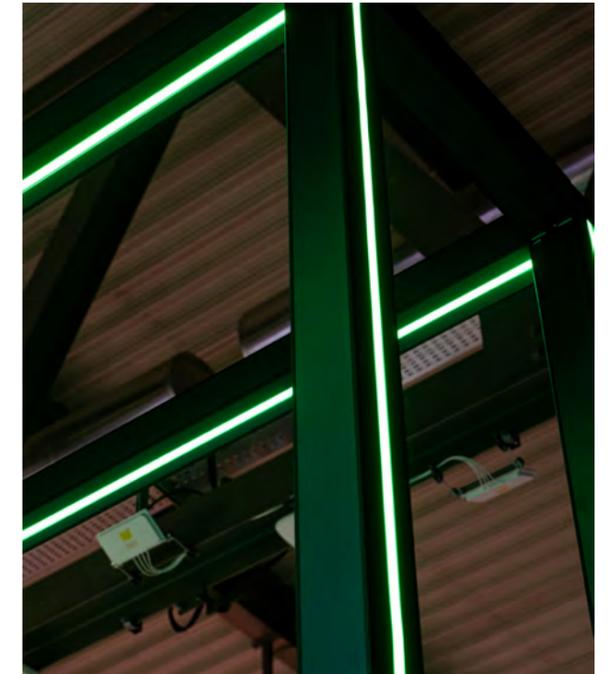


Profile LightLine

Meet the Profile LightLine in our range. Easily **add a touch of LED light in each groove** of the bematrix 62 profiles and brighten the details of your stand.

The Profile LightLine is made of a **flexible base material** and sets the right tone to your stand. The assembly is as easy as it could be: you simply push the LightLine into the groove of all existing 62 profiles, connect, and your profile lights up!

This new product has RGBW LEDs, meaning red, green, blue and white LEDs which allow for millions of colors or white tones and ensures a nice and even light distribution.



DID YOU KNOW...
...that the Profile LightLine has been awarded with a Best Of Show at ISE 2025!





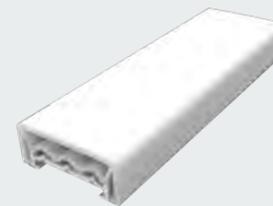
RELATED PRODUCTS



PROFILE LIGHTLINE

Made of flexible rubber that arrives nicely rolled up in a box and is available in standard dimensions (992-2418-24480-2976-4960).

Art. nr 300 01 ++++



COVER LIGHTLINE

Cover made of flexible rubber that is available in standard dimensions (992-2418-2480-2976).

Art. nr 300 02 ++++



CABLES, TRANSFO, CONTROLLER

Set the right tone to your LEDs with this handy set

Art. nr 300 03 00 SET EU

LIGHTING



SAM Light

ACCENT LIGHTING

Would you like to **draw attention to a specific part of your booth**? Illuminating panels, walls and/or products can be done simply with the SAM Light.

This adjustable LED lamp is distinguished by its sleek, stylish design, various mounting options and use of LED technology. It is possible to **install up to 6 SAM Lights** on one power supply (160W).

2IN1

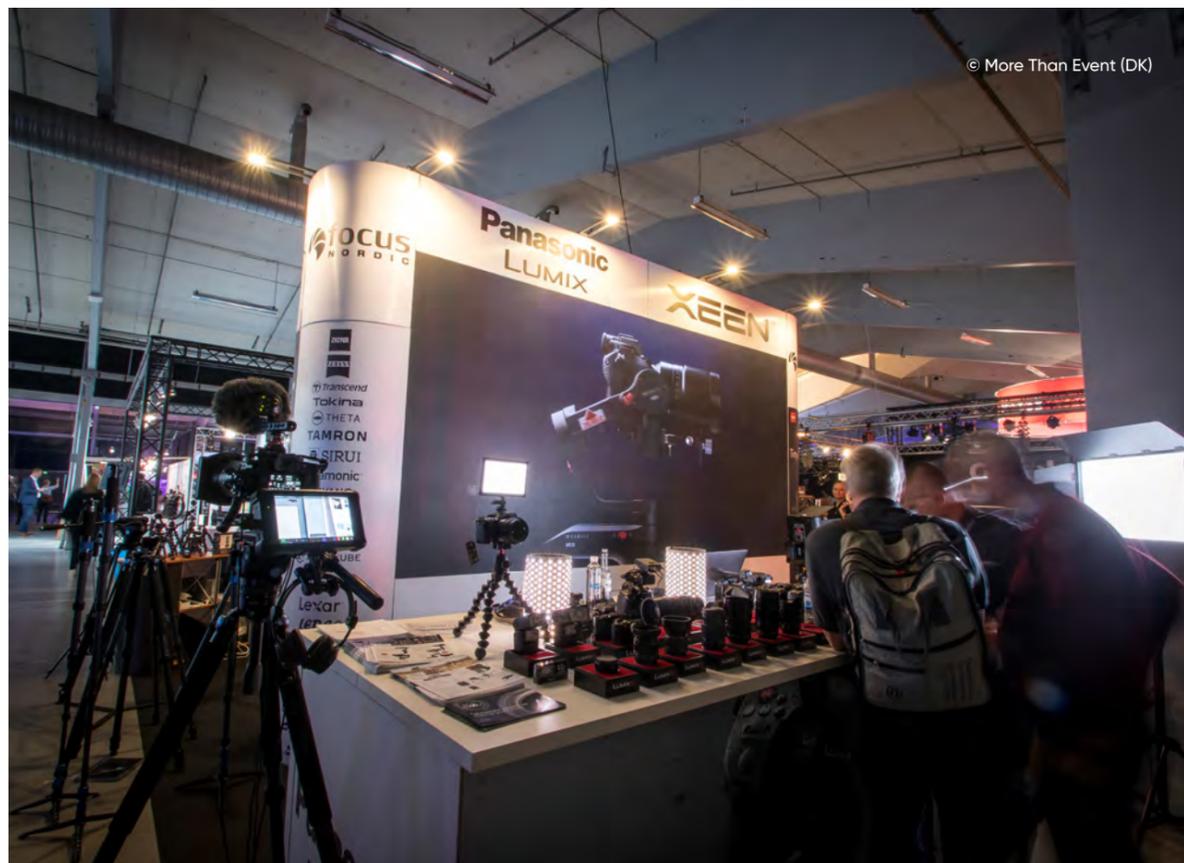
The greatest asset of this design light is its "2-in-1" principle: you can **switch from cold to warm light** with one simple switch. This choice can be made both during and after construction and can also be adjusted anytime.

MOVEABLE HEADLIGHT

The three integrated LED lights are **340° adjustable**, so any surface can be illuminated at any desired angle, including upwards!



DID YOU KNOW...
...the SAM Light was named after Samantha from our R&D department who developed the product.



CORE SPECIFICATIONS

- ◆ Dimension: 430x100x20 mm
- ◆ Weight: 0.8 kg
- ◆ Luminous flux: 1200 lm
- ◆ Colour temperature: 3500 k / 5000 k
- ◆ Electricity consumption: 15 w

RELATED PRODUCTS



SAM LIGHT - SET OF 2

Set of 2 SAM lights and 2 EU power cables packed in a cardboard box

Art. nr 250 05 50 S 2X



SAM LIGHT - SET OF 6

Set contains 6 SAM lights and 6 EU power cables packed in a handy flightcase.

Art. nr 250 05 50 S 6X



BIG SAM Light

BIGGER STAND BUILDING OPTIONS

The BIG SAM Light is the perfect solution for **equal illumination of large surfaces**. The adjustable LED light gives you maximal flexibility as you can turn it 340°. This allows you to mount it at the top of the structure as well as below depending on the desired exposure.

The **power supply is integrated** in the light, so no hassle anymore to hide the power supplies. You can connect the light directly on the net of 110 or 220V. Above that the cables have a security lock to prevent disconnecting and when the current exceeds the maximum you can easily push the integrated safety function that shuts down and resets the light. It is possible to install up to 6 SAM Lights on one power supply (160W).

3 IN 1

The light consists of a 3-in-1 principle: you can **switch easily between three colour temperatures**: cold, neutral and warm light. This gives you the opportunity to adjust them to the atmosphere you want to create.

CONNECTABLE LIGHTS

It is possible to **connect up to 20 BIG SAM lights** on only one power supply, and this with the extension cables that come with the lights.



SAM LIGHT ↔ BIG SAM LIGHT

SAM Light	BIG SAM Light
◆ 2 colour temperatures	◆ 3 colour temperatures
◆ 3 lighting heads	◆ 1 BIG lighting head
◆ 1200 lumen	◆ 4600 lumen
◆ 15W power consumption	◆ 42W power consumption
◆ Connecting up to 6 lights	◆ Connecting up to 20 lights
◆ /	◆ Security lock to prevent disconnecting cables
◆ /	◆ Integrated safety function when current > max
◆ Flightcase with 6 lights	◆ Flightcase with 10 lights
◆ Light a wall of max. 2.5m	◆ Light a wall up from 2.5m
◆ Light a part of the wall	◆ Light a complete wall or a part of your stand



CORE SPECIFICATIONS

- ◆ Dimension: 562x165x51 mm
- ◆ Weight: 1,74 kg
- ◆ Luminous flux: 4600 lm
- ◆ Colour temperature: 2700 k / 3500 k / 5000k
- ◆ Electricity consumption: 42 w

RELATED PRODUCTS



BIG SAM LIGHT

One BIG SAM Light and a 3m EU power cable

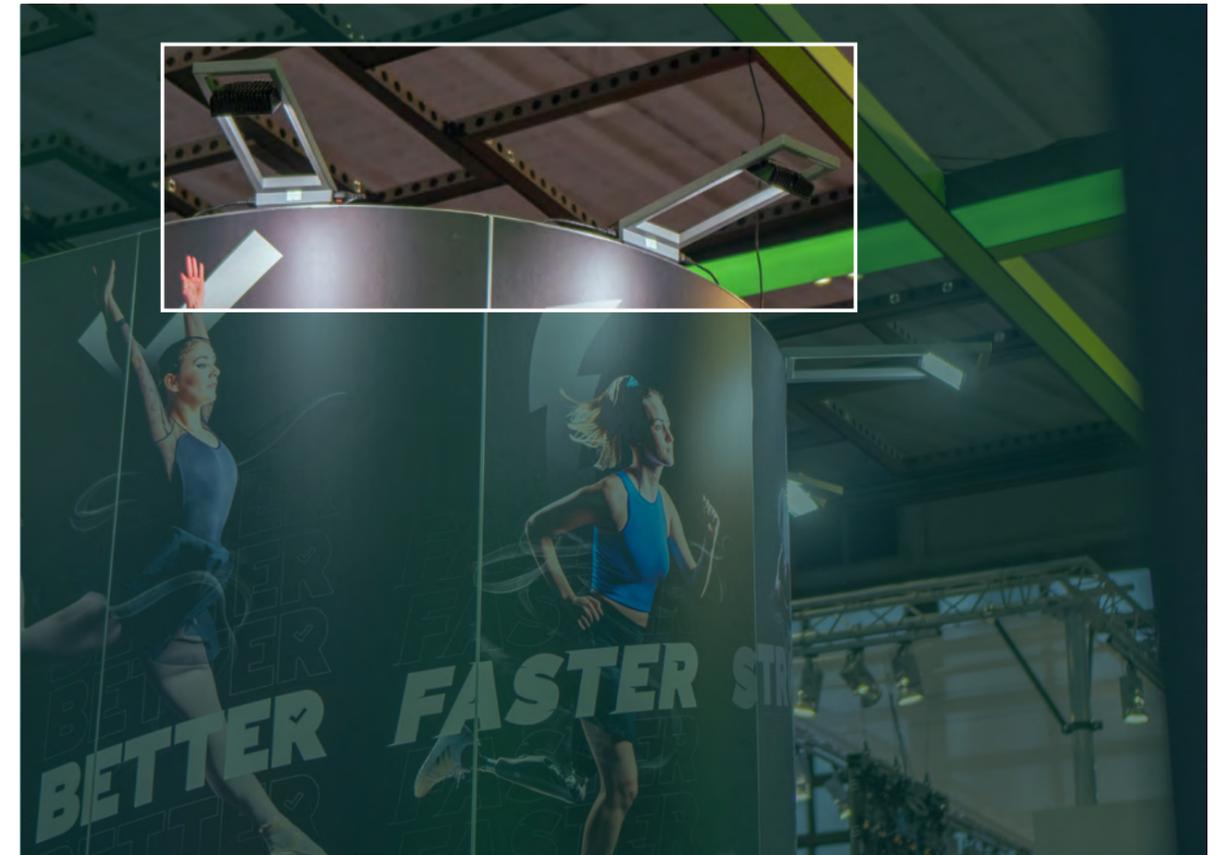
Art. nr 250 05 51 S



BIG SAM LIGHT - SET OF 10

10 BIG SAM Lights with EU power cables in a flightcase

Art. nr 250 05 51 S 10X



Boxscreen

ACCENT LIGHTING YOU CAN SEE FROM AFAR

The bematrix Boxscreens are **sturdy, hanging constructions** (covered with textile) from the iZi range that don't let you go un-noticed during an exhibition. Hang them in the air as eyecatchers above your stand or use them as a standalone object.

As with any bematrix solution, you can be sure of a **seamless finish** with textiles, leaving not one profile visible. Combine your Boxscreens with SAM Lights; that way you can draw even more attention to you. Ideal for creating the perfect atmosphere.

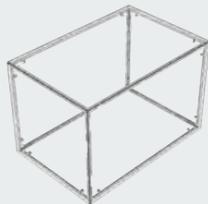
RELATED PRODUCTS



BOXSCREEN

Pre-assembled corner piece available in variable in shapes

Art. nr 727 +++++ +++++ +++++



BOXSCREEN MINI

Size max. 1,5mx1,5mx1,5m

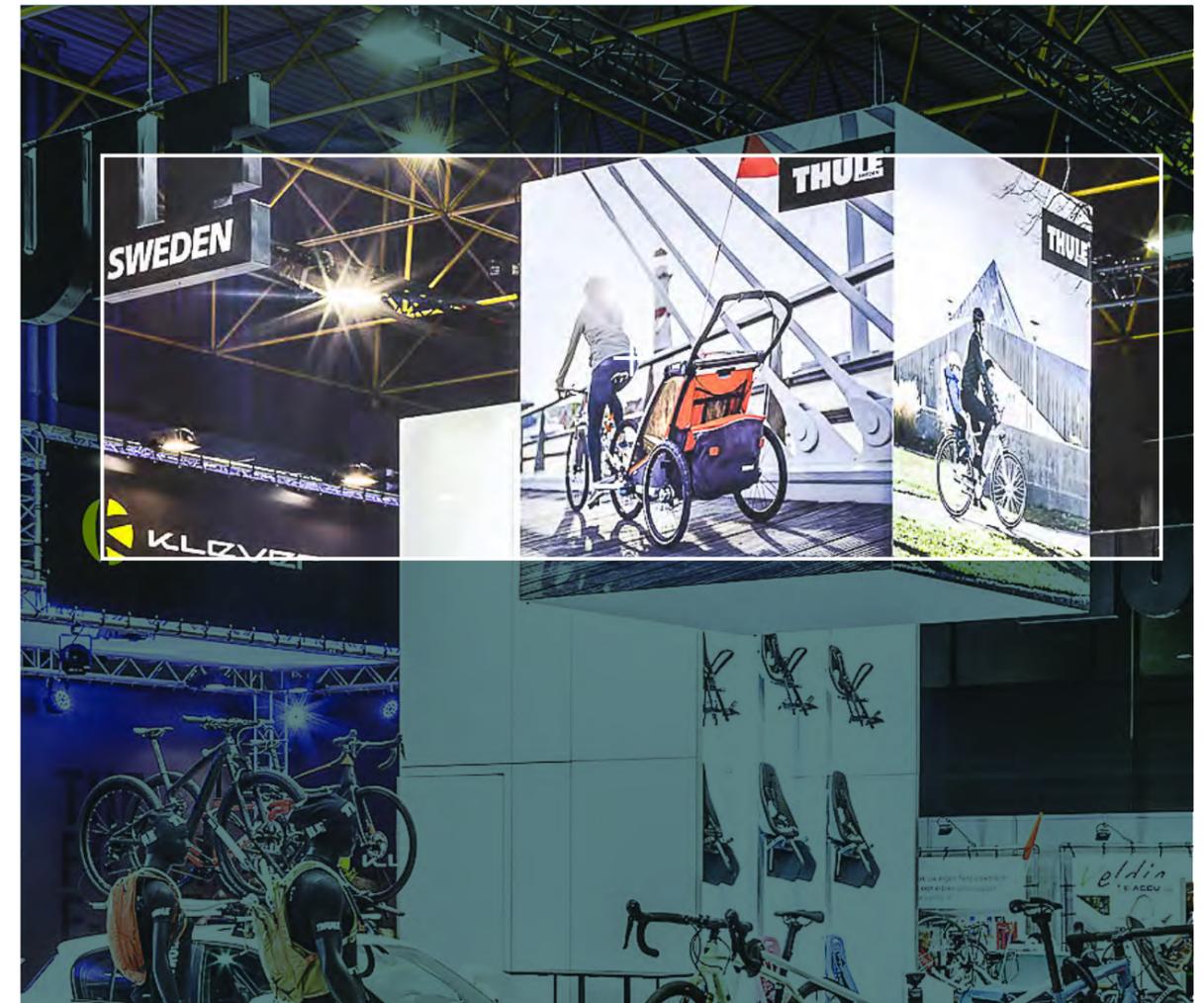
Art. nr 728 +++++ +++++ +++++



SET 4X SAM LIGHT FOR BOXSCREEN MINI

Set contains 4 SAM lights and 4 EU power cables packed in a cardboard box

Art. nr 430 001 02



Track Light System

Track Light System is beamtrified accent lighting solution that can be **fully integrated** in all beamtrix setups without any cable or track visible! There is no better way to add adjustable and seamless lighting to your setup.

FAST INTEGRATION

The base of the Track Light structure is a **square 62x62 profile** that matches with the existing EUTRAC profile. This Track Light profile fits perfectly with our modular b62 frame system, where it is integrated quickly and easily.

The Track Light System can be nicely **incorporated in various ways**: mount the profile in a ceiling, on top of a wall or in a wall, fix it as a banner or in a frame or use it as a stand-alone lighting pole fixed on a baseplate.



SEAMLESS & CUSTOM FINISH

For a neat and tidy result, the Track Light System is a versatile offering which let you adjust the light in many ways. The **light can be rotated** in all directions, can be adjusted for lightbeam, **narrow or wide** lightbeam. The power can be adjusted and the light **color temperature** can conveniently be adjusted from cold to warm. Light up your booth as you want it.

CORE SPECIFICATIONS LIGHTS

- ◆ Luminous flux: 3200 lm
- ◆ Electricity consumption: 25, 30 or 35 w
- ◆ Colour temperature: 300, 4000 or 6500 k
- ◆ Adjustable lamp head: Yes: 15 - 55°
- ◆ Colour: black or white



RELATED PRODUCTS



SQUARE 62 TRACK SET START PROFILE

[Art. nr 261 010 +++++](#)

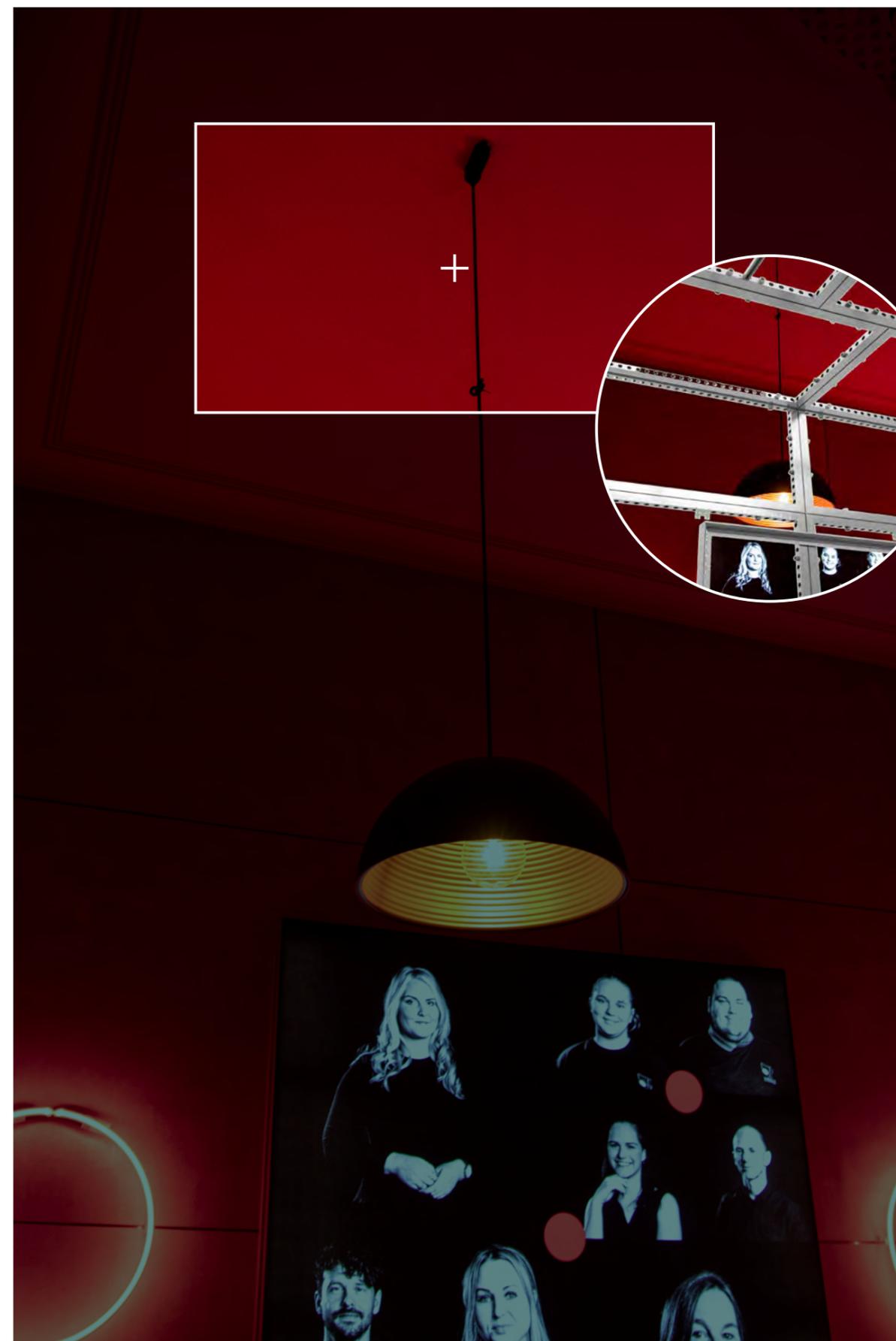
Click in lights or sockets onto the profile and ready to roll



BLACK OR WHITE LED TRACK ZOOM LIGHT

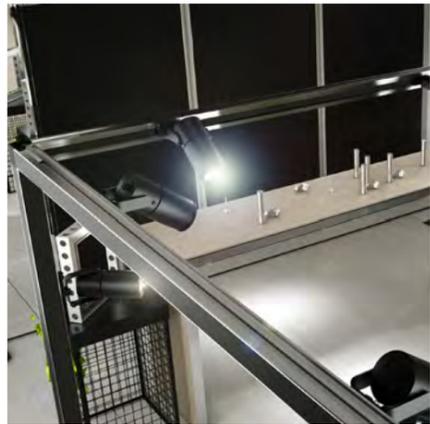
Flicker-free LED technology, aluminum housing

[Art. nr 261 05 02 B](#)
[Art. nr 261 05 02 W](#)

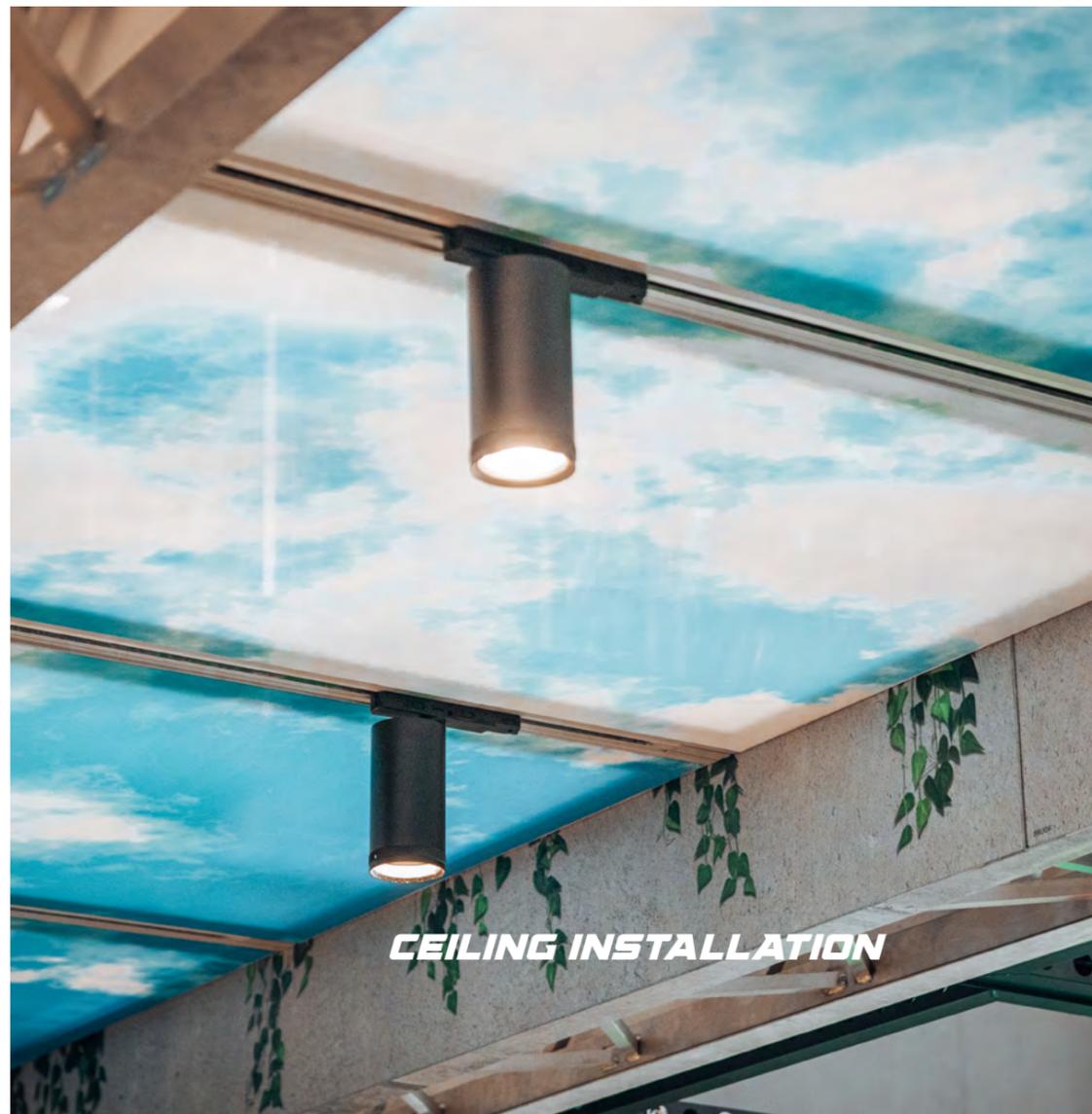




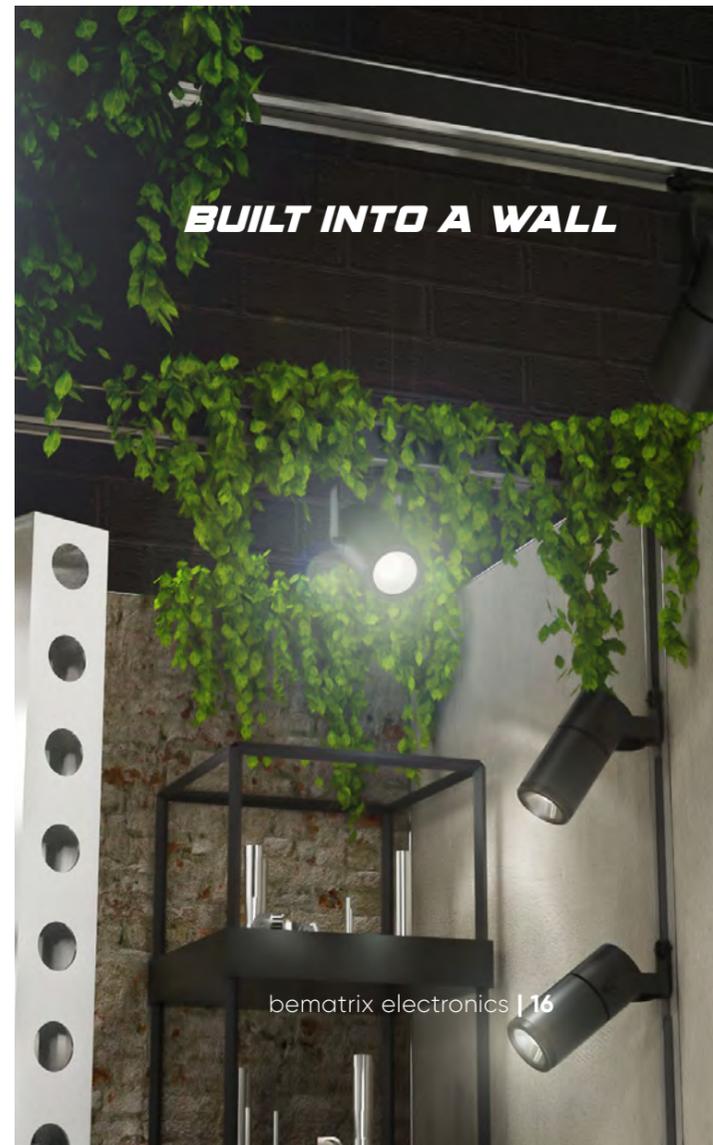
MOUNTED AS A BANNER



PLACED ABOVE A WALL



CEILING INSTALLATION



BUILT INTO A WALL



BIG Light

Looking for a solution for **equal illumination of large surfaces**? With the BIG Light you get a sturdy LED floodlight that is providing large areas with warm or cold light both indoors and outdoors.

The BIG Light can simply be **mounted on the large holes** of the frame system with the provided bracket. This lighting solution is perfectly compatible with beTruss or for high walls. You can connect 16 BIG Lights on one electrical circuit. BIG Light has IP65, CE, RoHS and ISO9001 certificates.

CORE SPECIFICATIONS

- ◆ Dimension: 475x490x550 mm
- ◆ Weight: 5 kg
- ◆ Luminous flux: 23 000 lm
- ◆ Electricity consumption: 200 W
- ◆ Beam angle: 120°
- ◆ Colour temperature: 3000 k / 5000 k



RELATED PRODUCTS



BIG LIGHT - WARM WHITE
Set of 10 lights and necessary cables, delivered in a sturdy flightcase

Art. nr 250 05 63 10x



BIG LIGHT - COOL WHITE
Set of 10 lights and necessary cables, delivered in a sturdy flightcase

Art. nr 250 05 65 10x

YOUR RELIABLE PARTNER

SUPPORT

"Before, during and even after the completion of your project, bematrix is always at your service. Bematrix clients can rely on an extensive and innovative product range, creativity that manifests itself in inventive design, thorough technical and commercial support, flexible delivery times and all the benefits of a strong, cohesive international sales network."

My bematrix



BECAD

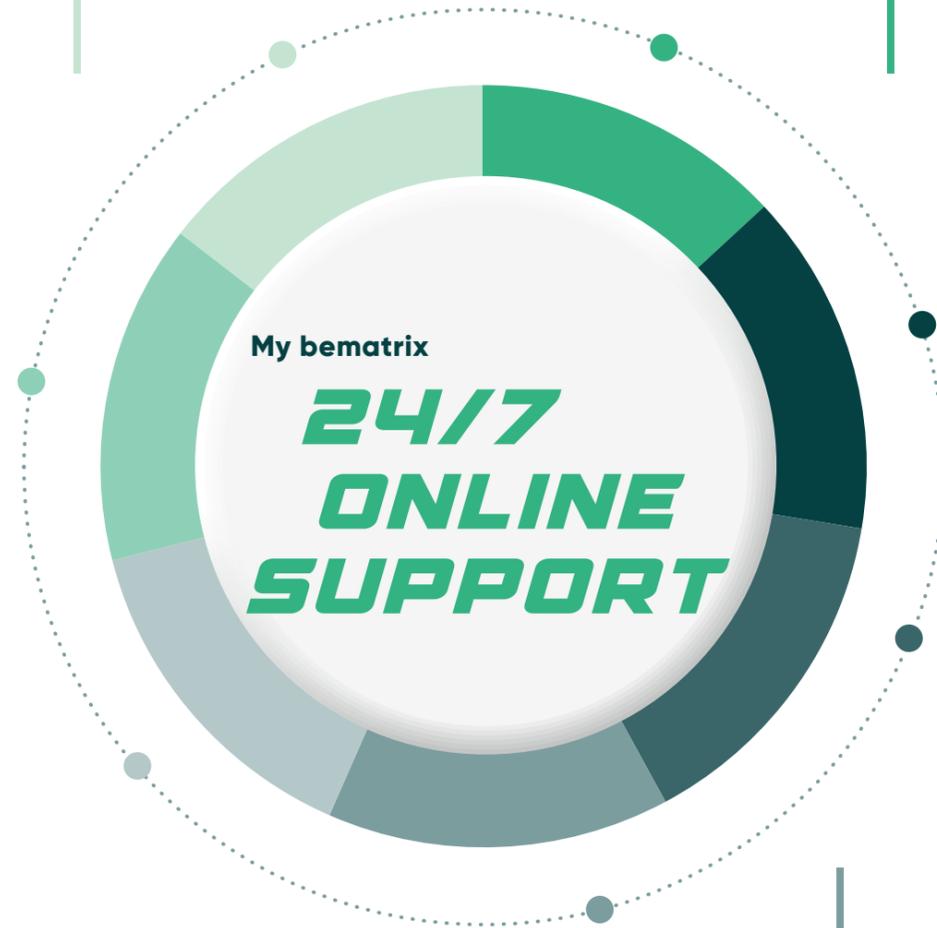
Easy design, calculation and automation for all your bematrix projects.

CO₂ CALCULATOR

Calculate the CO₂ footprint of your stand and finish.

KNOWLEDGE BASE

A database full of inspiration, instructions, panel plans, 3D files, brochures and FAQ's.



TRAINING

Find a complete training calendar with both online and live training all over the world.

BEPARTNER NETWORK

A database of audited partners that can support our customers with LEDskin®, content, printed panels or textiles.

BEMASTER NETWORK

Access highly skilled builders all over the world through the beMasters network.

ORDER SUPPORT

Manage both your purchase and rental quotes in one dedicated area.

Global Rental Network

The Global Rental Network is a **network of service centres** holding a large range of bematrix products, **spread all over Europe, the UK and the USA**. Thanks to this network, you do not have to ship your bematrix stock between locations, but you can use the large stock available locally. Moreover, the availability of frames is almost unlimited, even allowing you to build exceptionally large projects.

LOCATIONS

EU locations + USA locations:
Atlanta & Las Vegas.

We offer two different renting options at a favourable price and, maybe even more interesting, the possibility to spread the cost of your bematrix project.

Short-term renting has a typical run time of 1 day to 6 months.

Long-term renting has a minimal run time of 6 months with a minimum of 50 frames. Both rental plans can also be combined, to meet your specific needs.



BENEFITS

- ◆ Short-term or long-term rental (or combine both)
- ◆ Large local stock
- ◆ Local showroom near to you
- ◆ Technical advice and excellent service
- ◆ Test builds possible
- ◆ No extra storage space needed



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INFINITE POSSIBILITIES!**

COME SAY HI

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