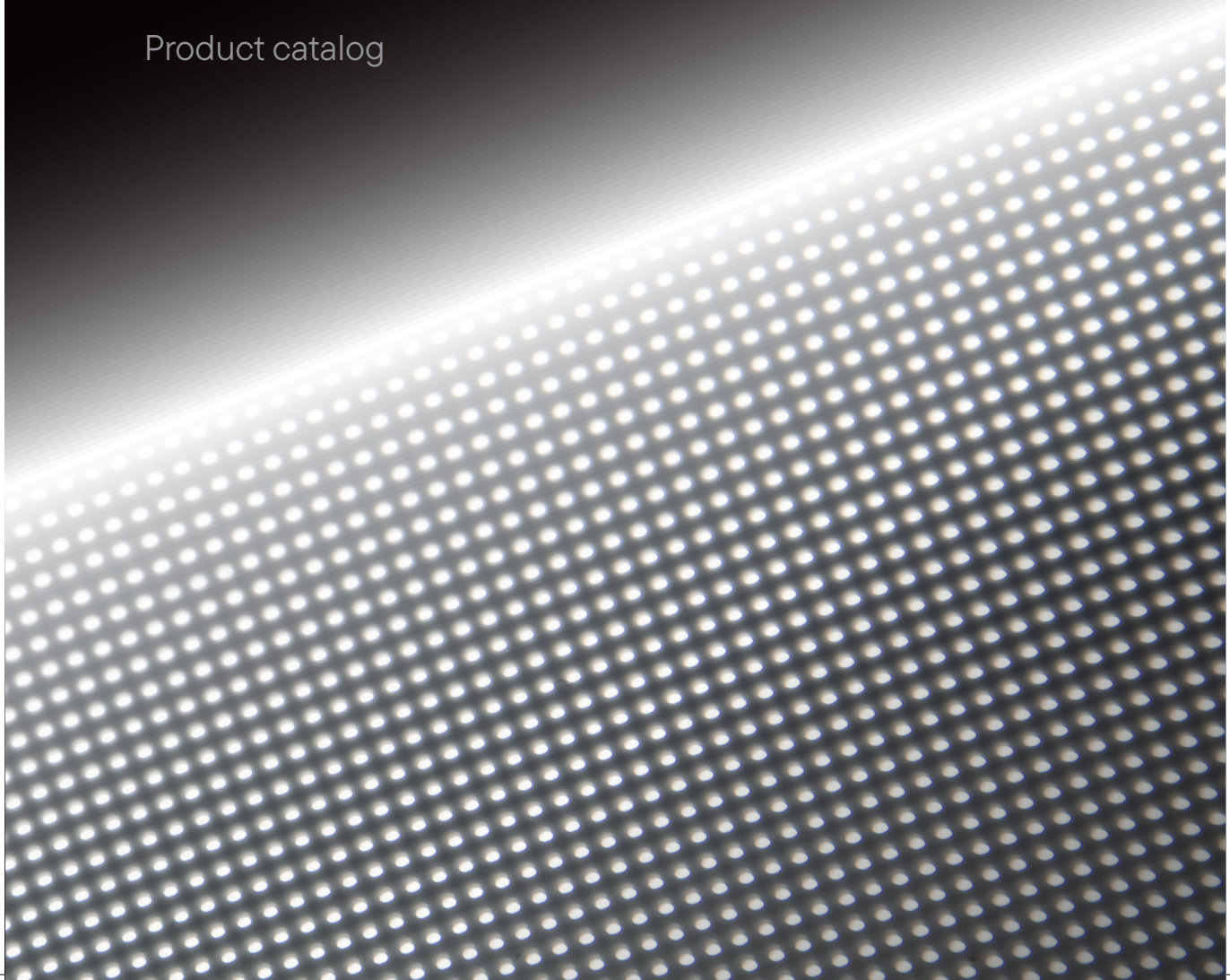




**CRYSTAL
PANEL**

ILLUMINATION BEYOND LIMITS

Product catalog



PURE LIGHT, PERFECT VISION. BRILLIANT QUALITY.

Crystal Panel is a Polish brand producing innovative LED lighting.

We specialize in customized LED lighting solutions for architectural and decorative applications, providing architects, lighting designers, and contractors with crystal-clear light, without any shadows and reflections.

We provide high-quality LED lighting solutions that deliver striking visual effects, attracting customers' attention.

Our products illuminate projects around the world, enhancing brand image and providing a distinctive, memorable look. Each project is custom-made using precision engraving technology, guaranteeing perfectly uniform light and a flawless finish.

Crystal Panel lighting integrates seamlessly with interior design, advertising, exhibitions, as well as commercial and museum spaces.

What makes us different



Passion for lighting



Fully customizable



Reliable,
recognized brand



7-day turnaround

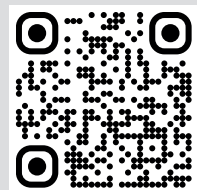


Personalized support



Ultra-thin, uniform light

Visit our website



www.crystal-panel.com



Advertisements and light boxes

Crystal Panel LED products are the perfect solution for illuminating advertising prints and light boxes. Ultra-thin panels, only 4-7 mm thick, stand out with their modern design, and thanks to advanced technology and high-quality components, they guarantee uniform, aesthetic, and effective lighting.



Interior design

With a choice of color temperature and light color, the Crystal Panel LED solutions adapt perfectly to any interior – both warm and cool. It allows for effective illumination of various surfaces, such as ceilings, walls, floors, and stone countertops.



Shop furniture, displays and POS

Our panels are also ideal for POS furniture and shop displays, where even lighting of the products on display is crucial.



Custom projects

We manufacture Crystal LED Panels according to specific configurations in terms of size, shape, light color, and light output. We design and implement solutions to meet the needs of even the most demanding projects.

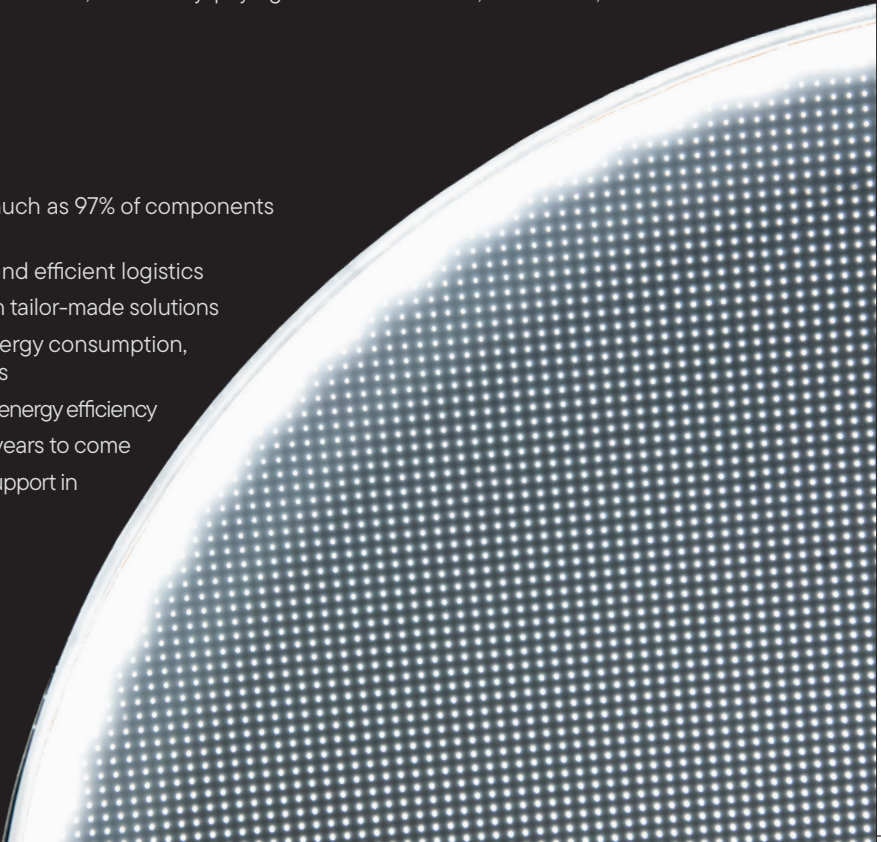
Why choose Crystal Panel?

At Crystal Panel, we focus on reliability. We create LED backlights from precisely engraved PMMA panels. Edge lighting ensures perfectly even light distribution across the entire surface. We have completed thousands of projects in Poland and abroad, constantly paying attention to detail, aesthetics, and functionality.

Trust the lighting specialists

- **Manufactured in Poland** – as much as 97% of components come from the EU
- **Fast delivery times** – flexibility and efficient logistics
- **Individual approach** – we design tailor-made solutions
- **Eco-friendly solutions** – low energy consumption, environmentally friendly materials
- **Low maintenance** – durability and energy efficiency
- **Long service life** – reliability for years to come
- **International service** – we offer support in many languages

We create solutions tailored to the needs of your brand, with attention to detail, aesthetics, and functionality.



CRYSTAL PANEL LED

Crystal Panel LED is a line of backlights that guarantees uniform illumination of the entire surface without any shadows and reflections.



The Crystal Panel LED line offers a wide range of configuration options:

- PMMA plate thickness: 4, 6, 8, 10 mm and others on request,
- voltage: 12V or 24V,
- standard white colors: 3 000K, 4 000K, 5 000K, 6 500K and 10 000-12 000K,
- intensity adjustment and color control.

Various edge lighting options are available (UNO, DUO, or QUATTRO), as well as double-sided illuminated panel versions. Thanks to their high efficiency (2400 Lumen/m), Crystal Panel LED panels are ideal for interior design, advertising, exhibitions, and store and museum arrangements.



**Durability at least
50 000 hours**



**Proven and
respected brand**



**Full parameter
personalization**



**Uniform light
without shadows**

Our products:

- **CPL Classic** – the basic product in the series.
- **CPL Eco** – engraved PMMA plate, 100% recycled and 100% recyclable.
- **CPL Thickness Balance** – made of PMMA Perspex CC with reduced thickness tolerance of max. 5%.
- **CPL Double** – the double-sided Crystal Panel LED Double provides uniform illumination on both sides.
- **CPL Multi White** – this solution provides uniform illumination with smooth color temperature control.
- **CPL Color (RGB)** – provides uniform illumination with the ability to change colors across the entire RGB spectrum and their combinations.
- **CPL Color+ (RGBW)** – allows you to change colors across the entire RGBW (spectrum and their combinations, as well as white).



Products



CPL Classic

Standard parameters:

Panel thickness: 4/6/8 mm

Voltage: 12V or 24V

Color temperature: 3 000K, 4 000K, 5 000K, 6 500K, 10 000-12 000K

Maximum size: 3000 x 1500 mm



CPL Eco

Standard parameters:

Panel thickness: 4/6/8 mm

Voltage: 12V or 24V

Color temperature: 3 000K, 4 000K, 5 000K, 6 500K, 10 000-12 000K

Maximum size: 3000 x 1500 mm



CPL Thickness Balance

Standard parameters:

Panel thickness: 4/6 mm

Voltage: 12V or 24V

Color temperature: 3 000K, 4 000K, 5 000K, 6 500K, 10 000-12 000K

Maximum size: 2750 x 1500 mm



CPL Double

Standard parameters:

Panel thickness: 10 mm

Voltage: 12V or 24V

Color temperature: 3 000K, 4 000K, 5 000K, 6 500K, 10 000-12 000K

Maximum size: 1200 x 800 mm



CPL Multi White

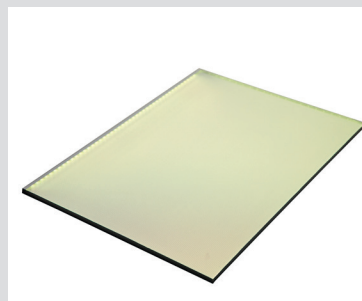
Standard parameters:

Panel thickness: 8 mm

Voltage: 24V

Color temperature: 3 000K-7 000K

Maximum size: 2000 x 1000 mm



CPL Color (RGB)

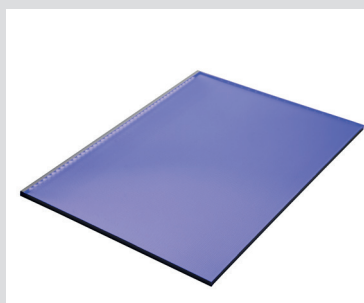
Standard parameters:

Panel thickness: 6 mm

Voltage: 12V or 24V

Color temperature: RGB range

Maximum size: 3000 x 1500 mm



CPL Color+ (RGBW)

Standard parameters:

Panel thickness: 8 mm

Voltage: 24V

Color temperature: 3 000K, 4 000K, 6 500K, RGB range

Maximum size: 3000 x 1500 mm

*other parameters available upon individual request

LED FRAMES

Durable, ultra-thin aluminum frames with LED-illuminated plexiglass from Crystal Panel are a collection designed for modern interiors and eye-catching advertising displays.



What makes our LED frames stand out?

- **Exceptional durability** – the aluminum construction ensures resistance to damage and long-lasting performance.
- **Elegant, ultra-thin design** – ideal for modern interiors and minimalist arrangements
- **Even, bright illumination** – high-CRI LEDs (>85) accurately reproduce the colors of graphics and photos.
- **Easy graphic replacement** – the frame system allows for quick updates without disassembly.
- **Energy efficiency** – low power consumption and a long LED lifespan (min. 50,000 hours) reduce operating costs.
- **Customization** – dimensions, light color, and mounting methods can be tailored to individual projects.

Applications:

- **Retail and points of sale** – shop windows, shelves, and checkout areas where dynamic visual communication matters.
- **Offices and commercial spaces** – elegant presentations of logos, graphics, or building plans.
- **Hotels and restaurants** – menus, promotional posters, and wall décor that create a unique atmosphere.
- **Museums, galleries, cultural institutions** – professional displays that capture visitors' attention.
- **Trade shows and events** – exhibition stands requiring quick graphic changes and striking backlighting.



Illuminated LED frames from our offer are a guarantee of good quality and precise workmanship. With our clients in mind, we prepare two types of aluminum frames with illuminated plexiglass, that work well for displaying banners or advertising graphics.

Products



Textile Standard - CPA 18

Standard parameters:

Profile thickness: 33 mm

LED backlight thickness: 4 mm

LED panel: CPL / CPL ECO / CPL Thickness Balance

Maximum size: 2000 x 1200 mm



Textile Slim - CPA 21

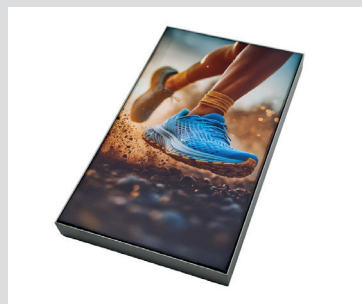
Standard parameters:

Profile thickness: 21,5 mm

LED backlight thickness: 4 mm

LED panel: CPL / CPL ECO / CPL Thickness Balance

Maximum size: 1500 x 800 mm



Textile Double - CPA 24

Standard parameters:

Profile thickness: 44 mm

LED backlight thickness: 4 mm

LED panel: CPL / CPL ECO / CPL Thickness Balance

Maximum size: 1500 x 800 mm



Backlight Magnetic - CPA 12

Standard parameters:

Profile thickness: 17 mm

LED backlight thickness: 4 mm

LED panel: CPL / CPL ECO / CPL Thickness Balance

Maximum size: 1500 x 800 mm



Backlight Standard - CPA 13

Standard parameters:

Profile thickness: 23,5 mm

LED backlight thickness: 4 mm

LED panel: CPL / CPL ECO / CPL Thickness Balance

Maximum size: 2000 x 1200 mm



Backlight Slim - CPA 41

Standard parameters:

Profile thickness: 19 mm

LED backlight thickness: 4 mm

LED panel: CPL / CPL ECO / CPL Thickness Balance

Maximum size: 1500 x 800 mm



Backlight Double - CPA 15

Standard parameters:

Profile thickness: 26 mm

LED backlight thickness: 4 mm

LED panel: CPL / CPL ECO / CPL Thickness Balance

Maximum size: 1500 x 800 mm

*other parameters available upon individual request

LED STRIPS

Our LED strips, designed and manufactured to order in Poland, are created with the highest quality and flexibility in mind.



Crystal Panel LED strips

The LED strips we use and offer for sale are custom-made in Poland, which allows us to influence their technical parameters at the production and packaging stage, particularly the balance between light output and energy consumption expected by the customer.

Each strip is distinguished by high luminous efficiency and excellent color rendering (CRI 85 as standard, higher values available on request). Thanks to this, your projects will benefit from perfect lighting and a unique character.



Short supply chain



We rely on renewable energy



Long service life, no UV emissions



Sustainable manufacturing

What to look for when choosing LED strips?

- **Size and number of diodes** – these determine the intensity and uniformity of the light.
- **Luminous efficacy (lm/W)** – the higher, the more light you get with lower power consumption.
- **Supply voltage** – 24V strips work better on long sections, eliminating voltage drops.
- **Light color** – warm (2 700–3 000K) creates a cozy atmosphere, neutral (3 800–4 200K) is universal, and cool (6 000–7 000K) promotes concentration and gives a modern feel.
- **Color rendering index (CRI)** – a high CRI ensures natural color reproduction, which is crucial in product displays, galleries, and hotel lobbies.



Products

*other parameters available upon individual request



LED ELKE 12V 4MM

LED strip: flexible
Power consumption: 17 W/m
Luminous flux: 2320 lm/m
Number of LEDs: 100 pcs/m
Color temperature: 3 000K, 4 000K, 5 000K, 6 500K
CRI/RA: 85+



LED ELKE 24V 4MM

LED strip: flexible
Power consumption: 21,6 W/m
Luminous flux: 2400 lm/m
Number of LEDs: 100 pcs/m
Color temperature: 3 000K, 4 000K, 5 000K, 6 500K
CRI/RA: 85+



LED ELKE 24V 8MM

LED strip: flexible
Power consumption: 9,6 W/m
Luminous flux: 1040 lm/m
Number of LEDs: 120 pcs/m
Color temperature: 3 000K, 4 000K, 5 000K, 6 500K
CRI/RA: 85+



LED ELKE 24V - 150L

LED strip: flexible
Power consumption: 31,2 W/m
Luminous flux: 3500 lm/m
Number of LEDs: 150 pcs/m
Color temperature: 3 000K, 4 000K, 5 000K, 6 500K
CRI/RA: 85+



LED ELKS 24V SAMSUNG

LED strip: flexible
Power consumption: 31,2 W/m
Luminous flux: 3450 lm/m
Number of LEDs: 100 pcs/m
Color temperature: 3 000K, 4 000K, 5 000K, 6 500K
CRI/RA: 85+



LED ELKE 12V ECONOMIC

LED strip: flexible
Power consumption: 10 W/m
Luminous flux: 1020 lm/m
Number of LEDs: 100 pcs/m
Color temperature: 4 000K, 5 000K, 6 500K (other upon request)
CRI/RA: 85+



LED ELKE 24V ECONOMIC

LED strip: flexible
Power consumption: 13,5 W/m
Luminous flux: 1500 lm/m
Number of LEDs: 100 pcs/m
Color temperature: 3 000K, 4 000K, 5 000K, 6 500K
CRI/RA: 85+



LED ELKS 24V CRI 90+

LED strip: flexible
Power consumption: 31,2 W/m
Luminous flux: 2450 lm/m
Number of LEDs: 100 pcs/m
Color temperature: 3 000K, 4 000K, 5 000K, 6 500K
CRI/RA: 90+



LED ELKB 24V CRI 97+

LED strip: flexible
Power consumption: 28,8 W/m
Luminous flux: 2320 lm/m
Number of LEDs: 100 pcs/m
Color temperature: 3 000K, 4 000K, 5 000K, 6 500K
CRI/RA: 97+

DISPLAY LIGHTING

CP Slim is an ultra-thin backlighting solution, perfect for display cases, shelves, and cabinets. Custom-fitted, it highlights items beautifully and is quick and easy to install.



Elegant illumination of shelves and displays

CP Slim is a discreet lighting system, perfect for shelves, racks, retail furniture, and displays. It features exceptionally easy installation (magnetic or mechanical) and convenient use. The system can be fully customized to your project, including dimensions, light color, and voltage. It delivers effective display backlighting, enhancing the visibility and appeal of any showcased product.

Shelf lighting provides an elegant and functional way to showcase products. It helps customers notice your current offers more easily, making their purchasing decisions quicker and simpler.

Why choose CP Slim?

- Discreet lighting that showcases products without distracting from them.
- Quick installation and the ability to customize dimensions, light color, and voltage.
- Energy-efficient, durable, and professional solutions that support brands in retail, hospitality, museums, and interior design.
- Full support from Crystal Panel experts – from consultation and prototyping to final implementation.
- With CP Slim, your displays will gain a modern, elegant character, and your products will be highlighted in a way that catches the eye and inspires customers.



Didn't find a ready-made solution in our range?

We will design and produce custom lighting tailored to your specifications, adjusting dimensions, light output, and color temperature. We also create prototypes.

Products



CP Slim 10

The lighting angle of the lamp is 120°.



CP Slim 13

The lighting angle of the lamp is 30°.



Power rail

Power Rail is a system that ensures easy installation of cables while maintaining the safety of the power supply.



*It is also possible to purchase a profile for self-assembly.
The available mounting versions are a clip and a magnet.

One strip allows you to connect even a dozen or so light sources, ensuring high flexibility of solutions and modification of the entire project.

WHO WE ARE

At Crystal Panel, we prioritize sustainable, energy-efficient technology that aligns with nature. Ecology is a core principle for us, guiding every step of production, from design to delivery.

Our LED panels shine longer, use less energy and are safe for the environment. Compared to traditional light sources, they require up to 90% less electricity and provide a minimum of 50,000 hours of operation without quality decline. They contain no mercury, emit no harmful UV radiation and do not heat up, and up to 85% of the components used in them are recyclable.

Ready for LED backlighting that tells your story?

At Crystal Panel, we believe the best projects grow from collaboration. For years, we've turned client ideas into unique LED lighting that inspires. Our experts listen closely and use their experience to create solutions perfectly tailored to your space.





**CRYSTAL
PANEL**

SKL PLUS SP. Z O.O.

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