LED line

BACKLIT PANELS PRIME



ENEC DRIVER

5 YEAR WARRANTY

Rediscover
LED PRIME Panels

Good lighting supports users, makes installation easier and helps reduce the overall cost of an investment.

The new **Backlit PRIME** panels deliver 4,800 lm at 40 W, creating a uniform, visually appealing illuminated surface with no visible dark areas. The new **ENEC-certified STARSENSE driver** ensures stable operation, while factory-fitted quick connectors help reduce installation time.

120
lm/w

40 W

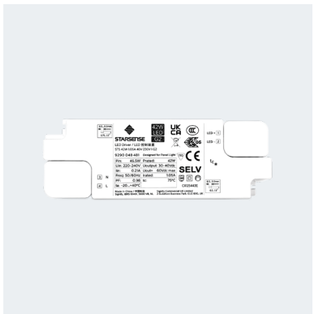
4800 lm

5 YEAR WARRANTY



An advantage in every detail.

The Backlit PRIME panel has been developed for projects where both technical performance and build quality matter. Its refined design, uniform illuminated surface and premium finish create a lighting solution built for intensive, long-term use in professional environments.



STARSENSE DRIVER

A high-quality STARSENSE driver with ENEC certification ensures stable operation, high efficiency (>89%) and long-term reliability you can count on.

DRIVER

ENEC CERTIFICATION

Independent ENEC certification confirms compliance with the highest standards of safety, quality and performance.



QUICK CONNECTORS

Factory-fitted quick connectors enable fast and hassle-free installation without the need for specialised tools.

More light. Less energy.

Backlit PRIME panels have been designed for lighting upgrade projects in schools, offices and public buildings. Their high luminous efficacy of 120 lm/W delivers 4,800 lm from just 40 W, reducing energy consumption without compromising on lighting quality.

Replacing outdated luminaires with Backlit PRIME panels helps lower the total installed load, reduce annual energy costs and cut CO_2 emissions. The uniform illuminated surface also improves visual comfort and enhances the appearance of the interior.

The STARSENSE driver, ENEC certification and factory-fitted quick connectors ensure stable operation and efficient installation. This solution not only makes modernisation easier and faster, but also delivers genuine cost savings.



Primary school lighting update

Building: primary school | **Floor area:** 4 000 m² | **Luminaires:** 320 | **Installation height:** 3,2 m

	Before the upgrade	After upgrading to BACKLIT PRIME
	4x 18W + ballast (total luminaire power: 84 W)	1x 40W
Total number of light sources and luminaires:	x400	x320
Total installed load:	~33,6 kW	12,8 kW
Annual energy cost:	~ €8,124 (based on 8 hours of operation per day, 200 days per year)	~ €3,095 (based on 8 hours of operation per day, 200 days per year)

Savings, that make a difference

62%

lower energy consumption

18,4 t

less CO_2 emission per year

€5,029

annual savings



Estimated figures based on replacing 400 conventional louvre luminaires with 320 BACKLIT PRIME panels, operating 8 hours per day, 200 days per year. Calculations are based on an electricity price of PLN 0.65/kWh and the average CO_2 emission factor for electricity generation. Actual savings may vary depending on operating conditions, electricity tariffs and building characteristics.

Applications

Offices

Uniform, comfortable lighting supports productivity and concentration throughout the working day. The high luminous efficacy of 120 lm/W helps reduce energy consumption in large office spaces.



Healthcare facilities

Stable, uniform illumination improves patient comfort and supports healthcare professionals in their daily work. The ENEC-certified driver and PF > 0.98 ensure reliable performance and long-term dependability.



Hotels

Elegant, uniform lighting enhances reception areas, restaurants and corridors. The backlit design creates a seamless illuminated surface with no visible dark spots.

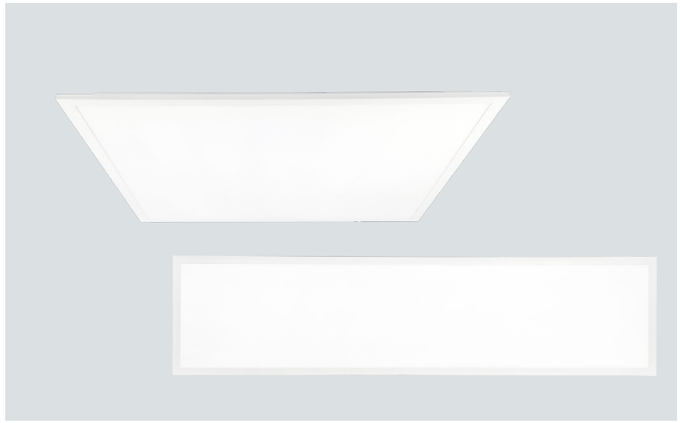


Schools and nurseries

Bright, evenly distributed light creates a comfortable learning environment for classrooms and shared spaces. High luminous efficacy helps reduce energy consumption while maintaining excellent lighting quality.



LED line PRIME



LED PANELS

BACKLIT PRIME

KEY FEATURES

- 120 lm/W luminous efficacy
- External STARSENSE driver with ENEC certification
- Two formats: 600 × 600 mm and 300 × 1200 mm
- PF > 0.98 for stable system performance
- Driver efficiency above 89%
- Quick connectors for faster, more convenient installation
- Uniform illumination with no dark areas
- Flicker-free operation for greater visual comfort
- 5-year warranty

EFFICACY
120 lm/W

Power [W]:
40

Luminous flux [lm]:
4800

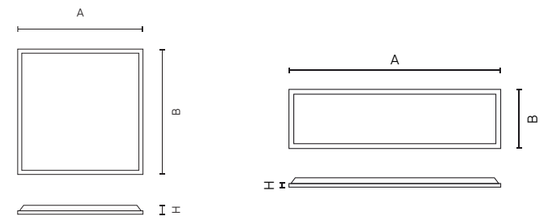
Beam angle [°] :
120

Colour temperature [K]:
4000

LED lifetime [h]:
L70B50 - 50.000

Specification

W	beam	lm	AxBxH [mm]	symbol
4000K				
40	120°	4800	595x595x33	**260160**
40	120°	4800	1195x295x33	**230866**





Compatible accessories



Mounting frames and brackets

A complete range of accessories for fast, secure and professional installation of LED panels.

Learn more at ledline.eu

Ready for your next project

No matter the size of your project, we'll help you choose the right lighting solution. We provide a free lighting design, complete with calculations and documentation, delivered in as little as **3 working days.**





Backlit PRIME panels are supplied in optimised packaging, with **80 units per pallet**. The securely protected load facilitates transport, unloading and delivery coordination directly to your project site.

LED line

WE CO-CREATE

LIGHTINGEUROPE
THE VOICE OF THE LIGHTING INDUSTRY

Polski Klaster Budowlany
Wiarygodność • Rzetelność • Innowacyjność

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