



SKVER^{LED}

PRO

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WATCH
PROMOTIONAL
VIDEO

Meet Skver LED Pro - an innovative family of urban luminaires from Lena Lighting that lets you rediscover the true beauty of your city and unlock the full potential of any space - without compromise. A variety of mounting options, modular design, state-of-the-art LED technology, outstanding energy efficiency, environmental responsibility, and maintenance that is simpler than ever - all combined within the unified Skver LED Pro family.

Skver LED Pro luminaires are a natural continuation of the award-winning design of the Skver LED S series and its exceptional craftsmanship. Within the refined architectural form of the Skver LED Pro, we have integrated high power and luminous flux performance, which - together with excellent suitability for park and urban applications and the availability of dedicated Tunable White modules - enables the implementation of even the most demanding lighting concepts.

Discover the Skver LED Pro family and create your best investment with us.



AREAS CENTER

Urban environments demand true flexibility - it is not the space that should adapt to the lighting, but the lighting that must respond to the space and its natural rhythm.

Skver LED Pro is designed to illuminate a wide spectrum of urban areas, including:

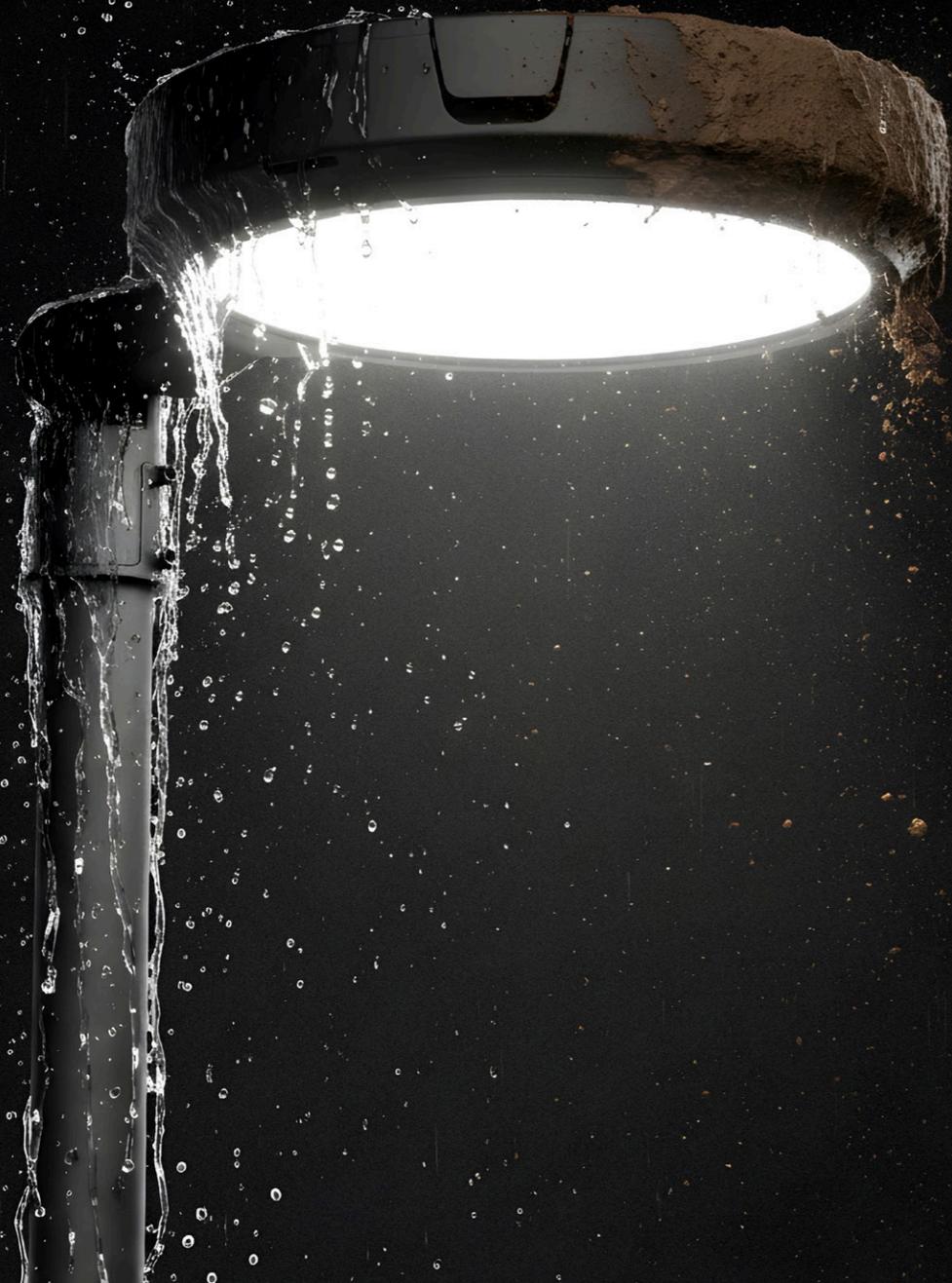
- 1 Roads and avenues, bypass roads, arterial routes, motorways, national roads, and transport interchanges.
- 2 Parks and green areas, plazas and squares, commercial districts, pedestrian zones, cultural spaces, and tourist areas.



CERTIFIED LIGHTING

The quality of our products is not only a confirmation of our competence as a leading Polish lighting manufacturer - it is also an expression of our pro-ecological approach.

Features such as reliability, durability, long service life, and well-thought-out product design play a crucial role in sustainable production and environmental protection. It is precisely this consistent commitment to high-quality lighting that has enabled Lena Lighting to build a strong base of long-term customers around the world.



IK10 IP66

DURABILITY

The Skver LED Pro luminaire has undergone extensive mechanical testing, achieving the IK10 impact resistance rating, which confirms its ability to withstand impacts of 20 joules. Tightness tests verified the IP66 protection level, ensuring complete resistance to dust ingress and strong water jets.

Additional environmental tests confirmed stable luminaire performance under changing outdoor conditions, including rain, extreme temperatures, and vibrations. Long-term material durability assessments demonstrated that the luminaire maintains its full functionality, sealing performance, and structural integrity even after prolonged exposure to demanding operating conditions.



ALUMINIUM CLIPS

The new locking mechanism ensures quick and convenient, tool-free access to the luminaire's interior, significantly simplifying both installation and maintenance. The robust aluminium clips provide secure fastening, while the sealed internal gasket offers effective protection against water and dust, ensuring an IP66 protection rating. Thanks to this solution, users can rely on the luminaire's durability and consistent performance in all conditions - whether installed outdoors or in demanding industrial environments.



RIM CONSTRUCTION

The raised end caps integrated into the luminaire's body enable easy installation of additional accessories-such as canopies, covers, or decorative elements-without the need to modify the main structure.

Thanks to the intuitive "click" system, replacing individual components and customizing the luminaire becomes quick and effortless, allowing the product to be easily adapted to various design requirements and spatial needs.





VARIANTS SETTINGS

More precision, durability, and personalization.

The Skver LED Pro series allows you to tailor the luminaire to a wide range of mounting scenarios.

1 Skver LED Pro Z1 - Equipped with an adjustable bracket, this variant is designed for both pole and boom mounting, making it suitable for illuminating even the most demanding urban road environments.

2 Skver LED Pro Z2 - A luminaire variant featuring a stylized architectural "7" arm intended for pole installation. An excellent choice for applications requiring elegance and refined form without compromising lighting performance.

3 Skver LED Pro V - Equipped with a stylized architectural "V" arm designed for pole mounting. This variant enriches urban spaces and enhances the visual identity of modern city environments.

4 Skver LED Pro R - A version adapted for mounting on outriggers as well as rope or sling suspension systems. Its flexibility allows the luminaire to follow the character of the space and seamlessly adapt to its functional and aesthetic requirements.

4 - 170 W

500 - 25000 lm

1800 - 6500 K

ULOR=0

C5-M

The Skver LED Pro series has been designed as a fully modular luminaire system, offering multiple design and mounting configurations. The index structure enables users to quickly and intuitively select the optimal luminaire variant for a specific application and architectural concept.

Skver LED Pro R 24525lm 740 ASW IP66 II cl DALI (157W)

1 2 3 4 5 6 7 8 9

1 Model

Skver LED Pro

Skver LED 620

2 Version

R

V

Z1

Z2

R WJ

V WJ

Z1 WJ

Z2 WJ

T WJ

3 Luminous flux [lm]

Value in [lm] in steps of 25

4 CRI/CCT

722 724 727 730 735 740 750 757 822 824

827 830 835 **840** 850 857

5 Optics

AS-asymmetrical, R-road, P pedestrian crossings, RP - parking, **RMW - for wet surfaces**, **N** -narrow, M - medium wide, W - wide, L - left, P - right, 0-99 optic numbering, HE - high efficiency + LED type II

6 IP

IP66

IP67

7 Protection class

II cl.

8 Control

1 DIM

2 DIM

DALI

9 Power

Value [W] in steps of 1 W



Lena C5+



READY FOR CHALLENGES OF THE FUTURE

Skver LED Pro represents a new generation of luminaires compliant with the Zhaga Book 13, 15, and 18 standards, which define the installation requirements for power supplies, LED modules, and connectors. This ensures full compatibility, easy component replacement, and significantly simplified maintenance and modernization - resulting in faster servicing and lower lifetime operating costs. The Skver LED Pro family is built around the concept of future-proof modularity. Zhaga compliance and Smart Ready architecture enable seamless integration with lighting control systems, sensors, and smart city technologies, supporting the long-term development of modern urban infrastructure. C5+ variants are also available, offering enhanced resistance to harsh weather conditions and corrosion. These versions are ideal for installations in coastal or high-humidity environments, such as promenades, bridges, and piers.

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ECOLOGY

Our park and urban luminaires are covered by an Environmental Product Declaration (EPD), confirming their compliance with sustainable development principles. This document outlines the environmental impact of the luminaires throughout their entire life cycle - from production and use, through maintenance, all the way to end-of-life processes and disposal.

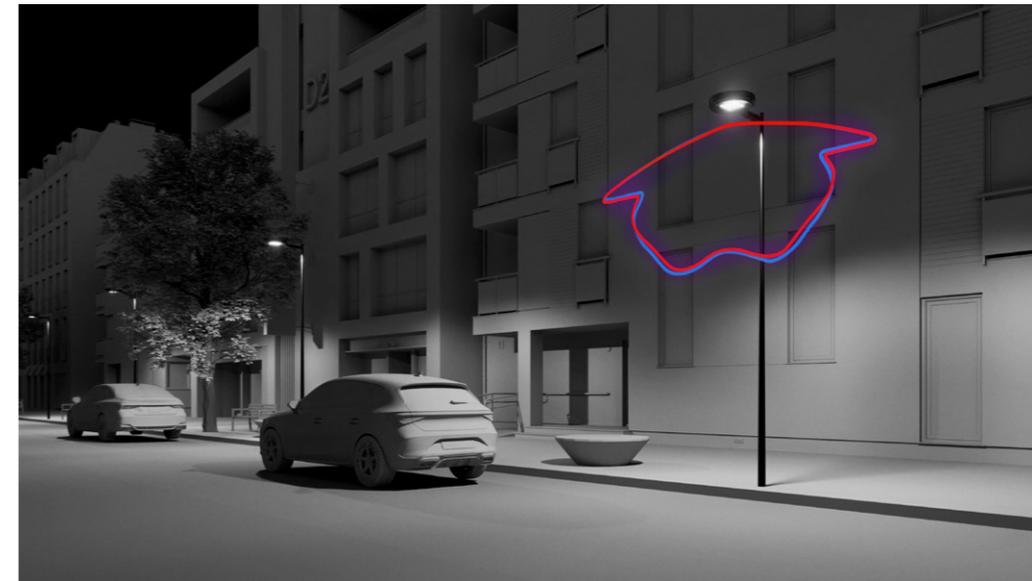
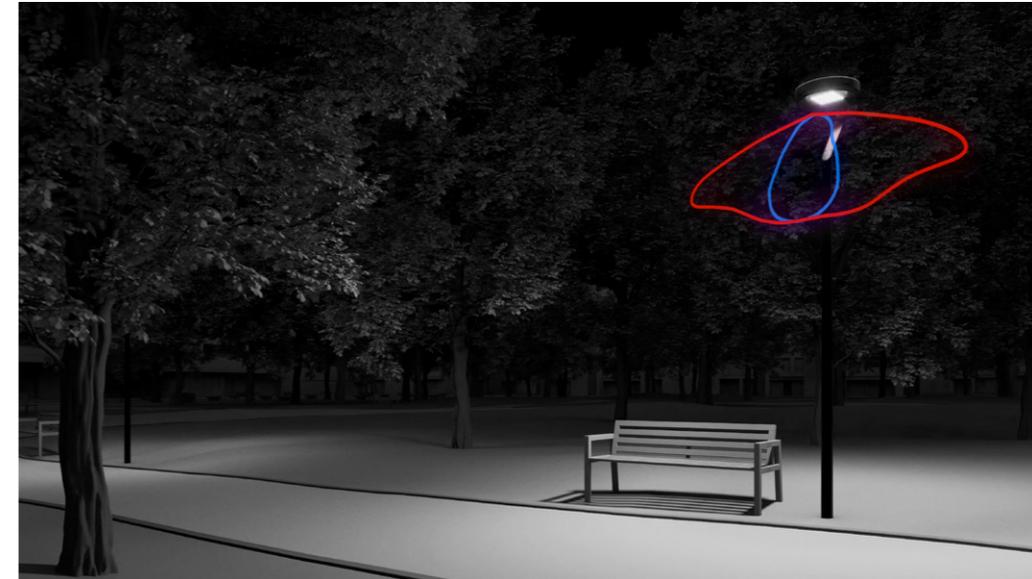


THE FULL GAMUT DISTRIBUTIONS

Professional lighting solutions must address both road applications - where high efficiency, precision optics, and strict light control are essential - as well as park and urban environments, where visual comfort and aesthetics are equally important.

With a wide range of optical distributions, Skver LED Pro luminaires deliver optimal illumination across diverse spaces while maintaining the highest quality standards.

The variety of available light distributions enables precise beam shaping in accordance with the specific requirements of each location and the relevant lighting standards.





HUMAN CENTRIC LIGHTING

The concept of Human Centric Lighting (HCL) focuses on delivering light that responds to the natural rhythm of urban life and the biological needs of the people within it. Tunable White technology enables dynamic control of the luminaire's color temperature, ensuring that urban infrastructure remains aligned with the daily cycle and the natural environment - becoming an integral part of a biologically supportive urban space. This approach enhances overall well-being and supports visual comfort for all users of the space - including local wildlife.



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DARK SKY

Skver LED Pro is designed in accordance with Dark Sky principles, significantly reducing light pollution in public spaces.

Thanks to precisely engineered optical distributions and optics that eliminate upward light emission above the horizon line, the luminaire directs the luminous flux exactly where it is needed. Additionally, the use of color temperatures below 3000 K makes the lighting less invasive to the environment - more friendly to people, local wildlife, and the night sky.

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