



P A R K A N D U R B A N
L I G H T I N G



Lena Lighting production halls in Środa Wielkopolska

MADE IN POLAND

We are a lighting manufacturer present on the market for 36 years, thanks to which luminaires and systems lighting, we know everything: we design them, we comprehensively test and produce. We connect. practice with modernity.

Advanced production facilities

Our modern infrastructure provides a high level of flexibility and operational efficiency.

Lighting market leader

Every year, we produce millions of luminaires, strengthening our position in the country and in the world.

Innovative design

We use the latest advances in technology to create modern and energy-efficient solutions.

Cooperation with global leaders

We cooperate with leading manufacturers of electrotechnical components, which allows us to implement unique solutions.

Energy saving and luminous quality

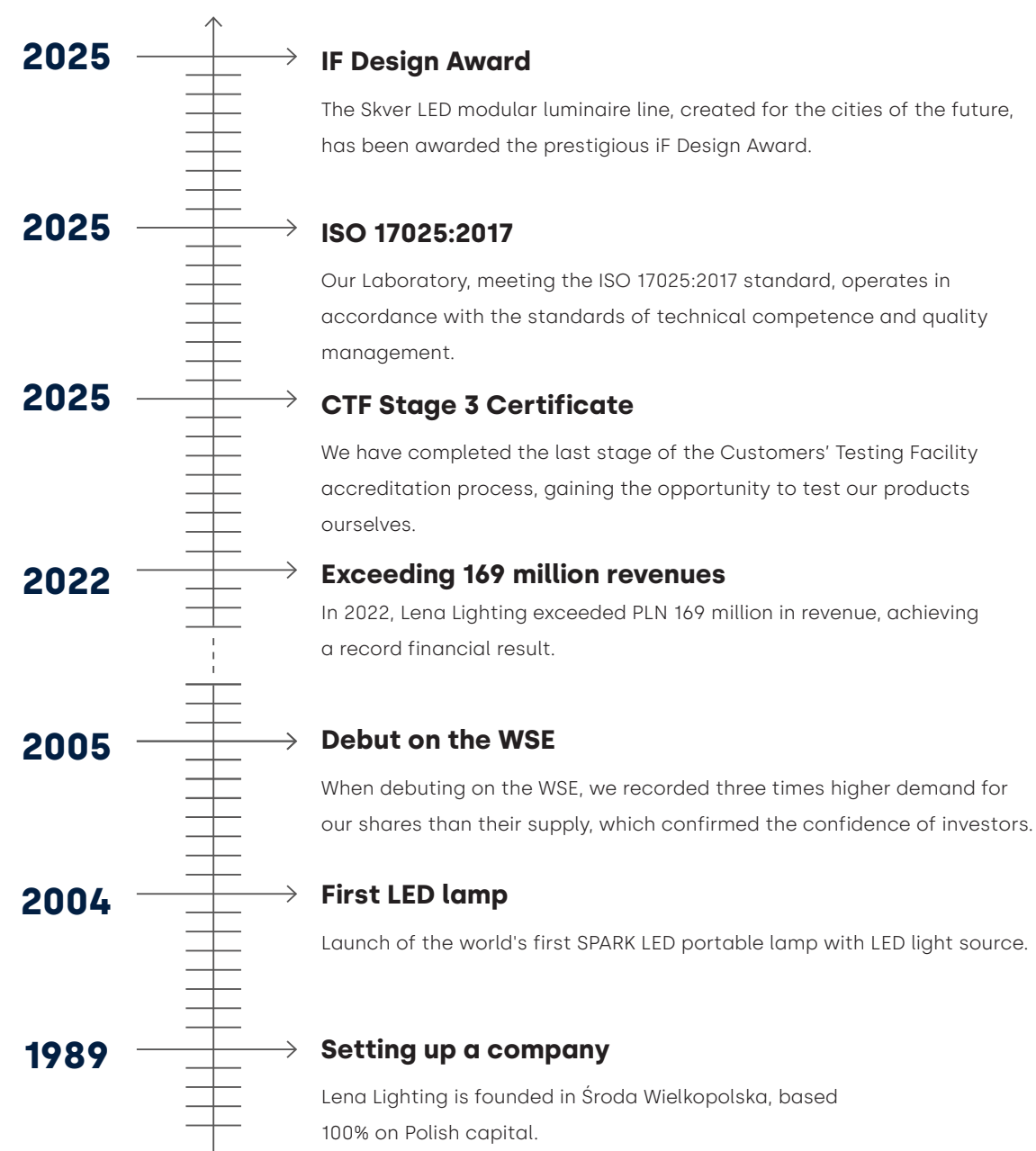
Our technologies reduce energy consumption while improving light parameters.

Continuous improvement of technology

We are constantly developing our know-how by implementing the latest LED technologies and lighting control systems.

COMPANY HISTORY

Our lighting is the result of decades of experience in design and production. Our brand is made up of people full of passion. The company's mission is to create innovative lamps and lighting control systems that inspire to change towards sustainable development.



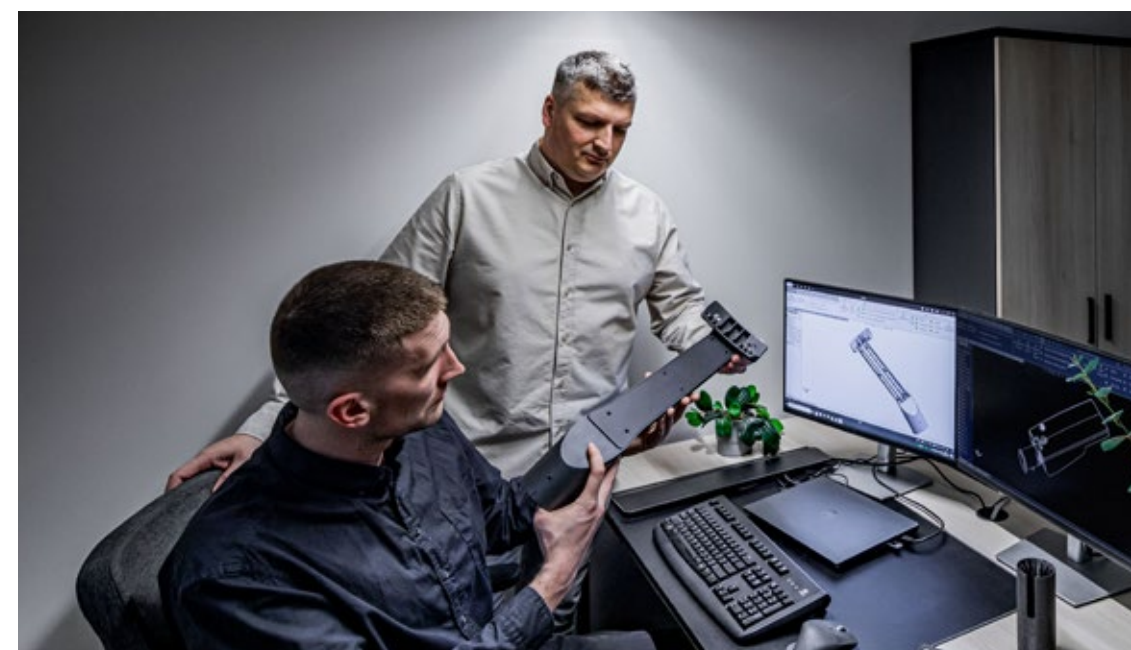
Passion and professionalism

Our company was born out of a fascination with light. Over the years, we have gained the knowledge and competences thanks to which we can design and manufacture even the most complex lighting systems.



Inspiration and design

We make sure that our products stand out not only with the best parameters, but also with a unique design. We believe that the space that surrounds us has a real impact on how we feel. With this in mind, we create our products.



Innovation and development

We offer technologically advanced solutions. We are constantly investing in the development of our research center and state-of-the-art production lines. We are developing dynamically with the progress of technology.



Sustainable development

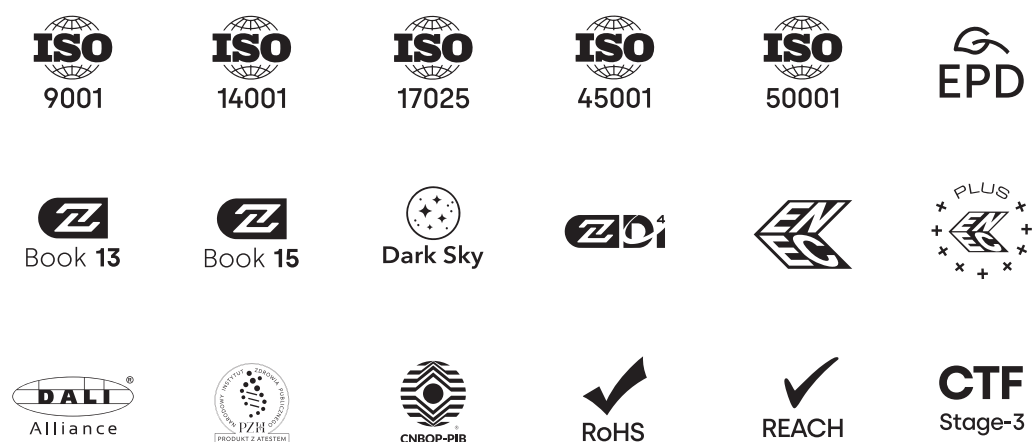
We have placed environmental management at the heart of our business, implementing a system that minimizes any negative impact on the environment. We hold BIO Certificate ISO 14001

CERTIFIED LIGHTING

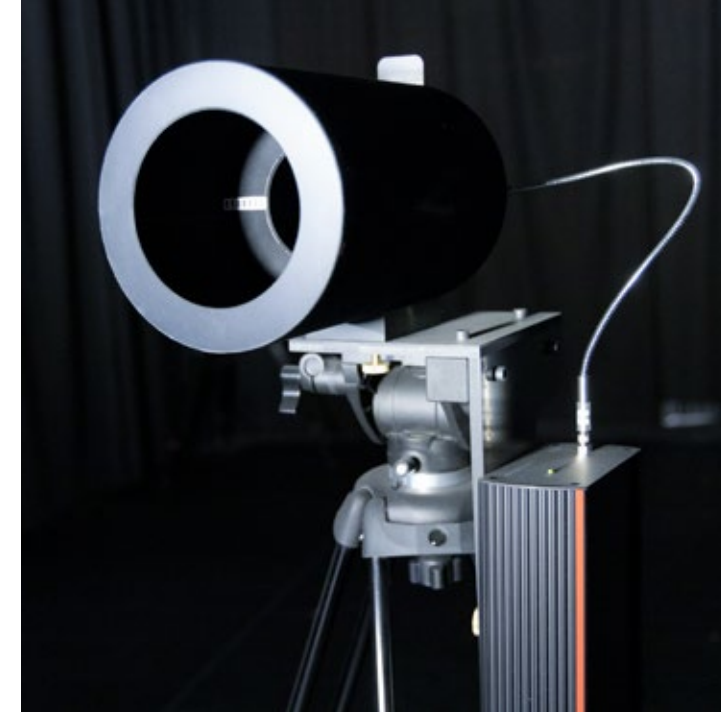
The quality of our products is not only a confirmation of our competence as a leading Polish lighting manufacturer. It is also a matter of our pro-ecological approach.

Features such as reliability, durability, service life or good product design are extremely important in the context of sustainable production and environmental protection. It is the high quality of lighting that Lena Lighting is one of the main factors that allowed us to acquire a group of regular customers all over the world.

Our competence:



Our Awards



APPLICATION AREAS

Get above-average savings with us and rediscover the full potential of light for your city!

roads and pedestrian routes

squares

green areas

accent lighting

illuminations

parking lots

urban interiors

APPLICATION AREAS

The diversity of urban space presents us with a challenge. In our offer you will find products and services dedicated to all urban application areas.



Street

Luminance of the carriageway 0.5cd

Illumination on the sidewalk 10lx

Color Temperature 4000K

ULOR<1

Alleyways in the park

Lightning intensity 5lx

Semi-cylindrical lighting 1lx

Color Temperature 2700K

ULOR<1

Pedestrian

Illumination on the sidewalk 7.5lx

Semi-cylindrical lighting 2.5lx

Color Temperature 3000K

ULOR<1



ECOLOGY

EPD

Park and urban luminaires of our production have a Product Environmental Declaration (EPD), confirming their compliance with the principles of sustainable development. This document details the environmental impact of luminaires throughout their life cycle – from production to disposal. It is available on the Eco Portal at: <https://eco-portal.eco-platform.org/>

For our customers, it is a guarantee of transparency, quality and ecological responsibility. EPD luminaires support the implementation of projects in accordance with environmental standards. By choosing products from EPD, customers actively contribute to creating a more welcoming urban space.

Dark Sky Certificate

Our certified Dark Sky luminaires reduce light pollution while protecting the natural night environment. They direct light only where it is needed – on sidewalks, alleys and streets – without emissions upwards or towards the windows of residents and animals. This solution increases comfort and safety, while maintaining a dark, friendly sky. Dark Sky luminaires promote energy savings and CO_2 reduction, supporting the idea of sustainable development and creating greener and more harmonious cities.

HCL

We design our lighting in accordance with the Human Centric Lighting concept, focused on individual human needs. Thanks to the light, it supports the daily sense of balance, matching the color and intensity to the time of day – cool light in the morning stimulates and increases concentration, warmer in the afternoon promotes calmness. HCL solutions harmonize with natural lighting and help minimize the effects of shorter, darker days.

Backshields

The housings can be freely modified with several special canopies and backshields, changing the light distribution and eliminating uncontrolled lighting large areas. This is done expressly, by quickly clicking accessory.

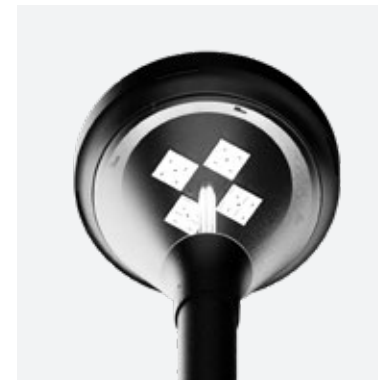
IP
66IK
10DESIGN
AWARD
2025

A number of modern solutions, significantly expanding the possibilities of park and urban luminaires. These luminaires can be modified with the help of a dozen or so canopies changing the light distribution and design. The modular design makes daily service and maintenance easier than ever!



Tool-free access to attachments

To access the electrical and optical components, simply unscrew two screws without using any tools and open the housing cover.



Omnidirectional and lenticular variants

The Skver LED luminaire can be equipped with both omnidirectional lighting modules and targeted sensors equipped with lenses.



Knife disconnect switch

Knife disconnecter used in some versions cuts the power supply to the luminaire when the lid is opened. Thanks to this, the person making the modification is fully protected.



No pollution effect and play.

Skver luminaires, whose ULOR = 0 or ULOR < 1 coefficient was created in the spirit of the Nature Centric Lighting concept, with a view to the ecology and safety of both humans and animals.

AVAILABLE VERSIONS



Skver LED S
A

Skver LED S
F

Skver LED S
L

Skver LED S
Z2 WJ

Skver LED S
Z2MF

Skver LED S
R WJ

Skver LED S
R MF

Skver LED S
Z1 WJ

Skver LED S
Z1 MF



Skver LED S (A)

rated power (W)	16 - 54
luminous flux [lm]	2100 - 7400
mounting method	post
body material	Aluminium (powder coated)
body color:	■
shade material	PC
type of lampshade	PMMA lens
dimensions [mm]	427/360/360

IP 66 | IK 10 | lm/W 145

- Universal park light distribution with all-round lighting
- Increased CRI80 color rendering index
- Simple installation on poles
fi 48–76, 1.5 m cable as standard



Skver LED S (F)

rated power (W)	8 - 54
luminous flux [lm]	1125 - 7400
mounting method	post
body material	Aluminium (powder coated)
body color:	■
shade material	PC
type of lampshade	PMMA lens
dimensions [mm]	427/360/360

IP 66 | IK 10 | lm/W 159

- Omni-directional and targeted distributions to match lighting to a variety of spaces
- Available CRI70 and elevated CRI80 versions
- Tool-free access to the attachment chamber significantly facilitating operation and service





Skver LED S (L)

rated power [W]	14 - 54
luminous flux [lm]	2150 - 7650
mounting method	post
body material	Aluminium (powder coated)
body color:	■
shade material	PC
type of lampshade	PMMA lens
dimensions [mm]	427/360/360

IP 66 | IK 10 | lm/W 159

- Omni-directional and targeted broadcasts adapted to illuminate parks, streets and urban spaces
- Available CRI70 and elevated CRI80 versions
- Tool-free service plate compliant with ZhagaBook13/15 standard for faster service



Skver LED lighting in the port

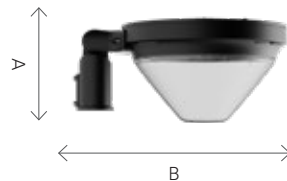


Skver LED S (Z1 WJ)

rated power (W)	8 - 54
luminous flux [lm]	1075 - 7650
mounting method	post
body material	Aluminium (powder coated)
body color:	■
shade material	PC
type of lampshade	PMMA lens
dimensions [mm]	461/360/216

IP	IK	lm/W
66	10	170

- Urban luminaire design giving the space a modern and aesthetic character
- Architectural quality of workmanship for durability and attractive appearance
- Tool-free service plate in Zha-gaBook13/15 standard for easy service

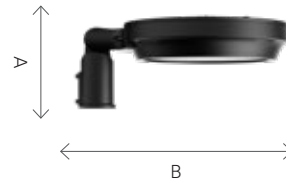


Skver LED S (Z1 MF)

rated power (W)	8 - 54
luminous flux [lm]	975 - 7025
mounting method	post
body material	Aluminium (powder coated)
body color:	■
shade material	PC
type of lampshade	PMMA lens
dimensions [mm]	461/360/188

IP	IK	lm/W
66	10	156

- Round luminaire with an urban design, distinguished by its elegant form and total ULR = 0
- Architectural quality of workmanship allowing for aesthetic integration into the space
- Adjustable mounting bracket for installation on poles and booms fi 48–76



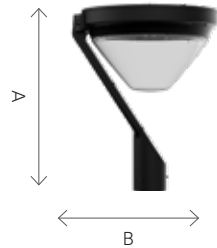


Skver LED S (Z2 WJ)

rated power (W)	8 - 54
luminous flux [lm]	1075 - 7650
mounting method	post
body material	Aluminium (powder coated)
body color:	■
shade material	PC
type of lampshade	PMMA lens
dimensions [mm]	386/360/476

IP 66 | IK 10 | lm/W 170

- Distinctive urban luminaire design
- Architectural workmanship for reliability and a sleek look
- Tool-free service plate compliant with the ZhagaBook13/15 standard facilitating technical work

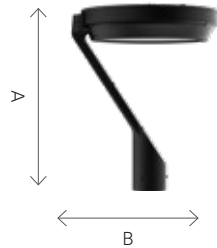


Skver LED S (Z2 MF)

rated power [W]	8 - 54
luminous flux [lm]	975 - 7025
mounting method	post
body material	Aluminium (powder coated)
body color:	■
shade material	PC
type of lampshade	PMMA lens
dimensions [mm]	386/360/476

IP 66 | IK 10 | lm/W 156

- Modern urban luminaire design, ULR = 0
- Architectural workmanship for durability and high product aesthetics
- Tool-free service plate compliant with ZhagaBook13/15 standard for faster service



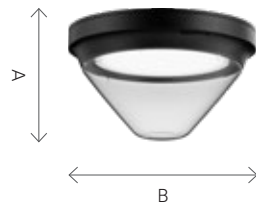


Skver LED S (R WJ)

rated power [W]	13 - 54
luminous flux [lm]	1700 - 7650
mounting method	suspended
body material	Aluminium (powder coated)
body color:	■
shade material	PC
type of lampshade	PMMA lens
dimensions [mm]	316/363/363

IP 66 | IK 10 | lm/W 163

- Architectural workmanship for an aesthetic look in urban space
- Omni-directional and targeted distributions offering versatility in applications
- Tool-free service plate in Zha-gaBook13/15 standard facilitating service work

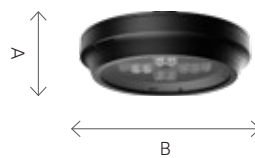


Skver LED S (R MF)

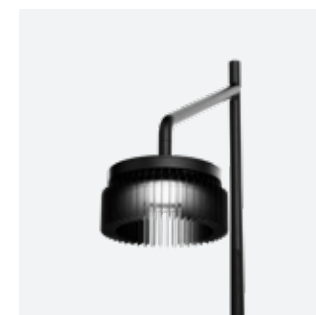
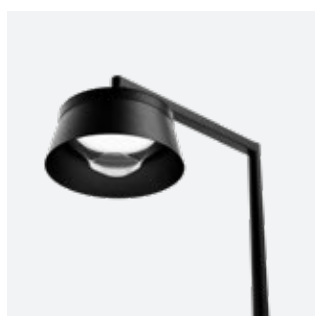
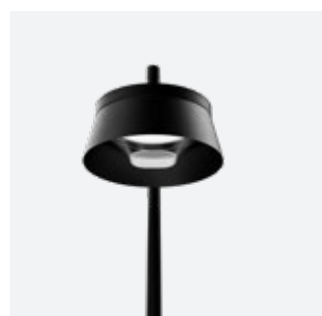
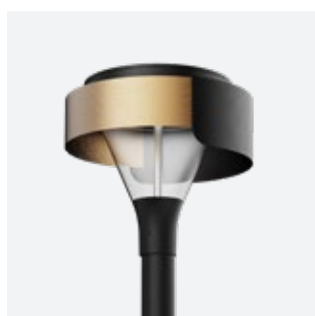
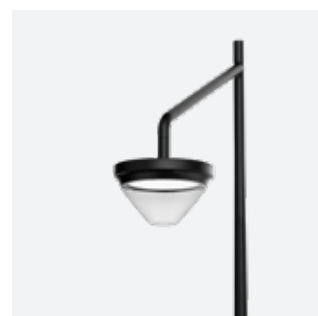
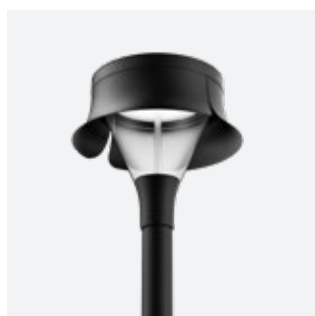
rated power [W]	19 - 50
luminous flux [lm]	2250 - 6700
mounting method	suspended
body material	Aluminium (powder coated)
body color:	■
shade material	PC
type of lampshade	PMMA lens
dimensions [mm]	427/360

IP 66 | IK 10 | lm/W 138

- Architectural workmanship, ULR = 0
- Omni-directional and targeted distributions to match the lighting effect to the installation site
- Tool-free service plate in Zha-gaBook13/15 standard facilitating service work

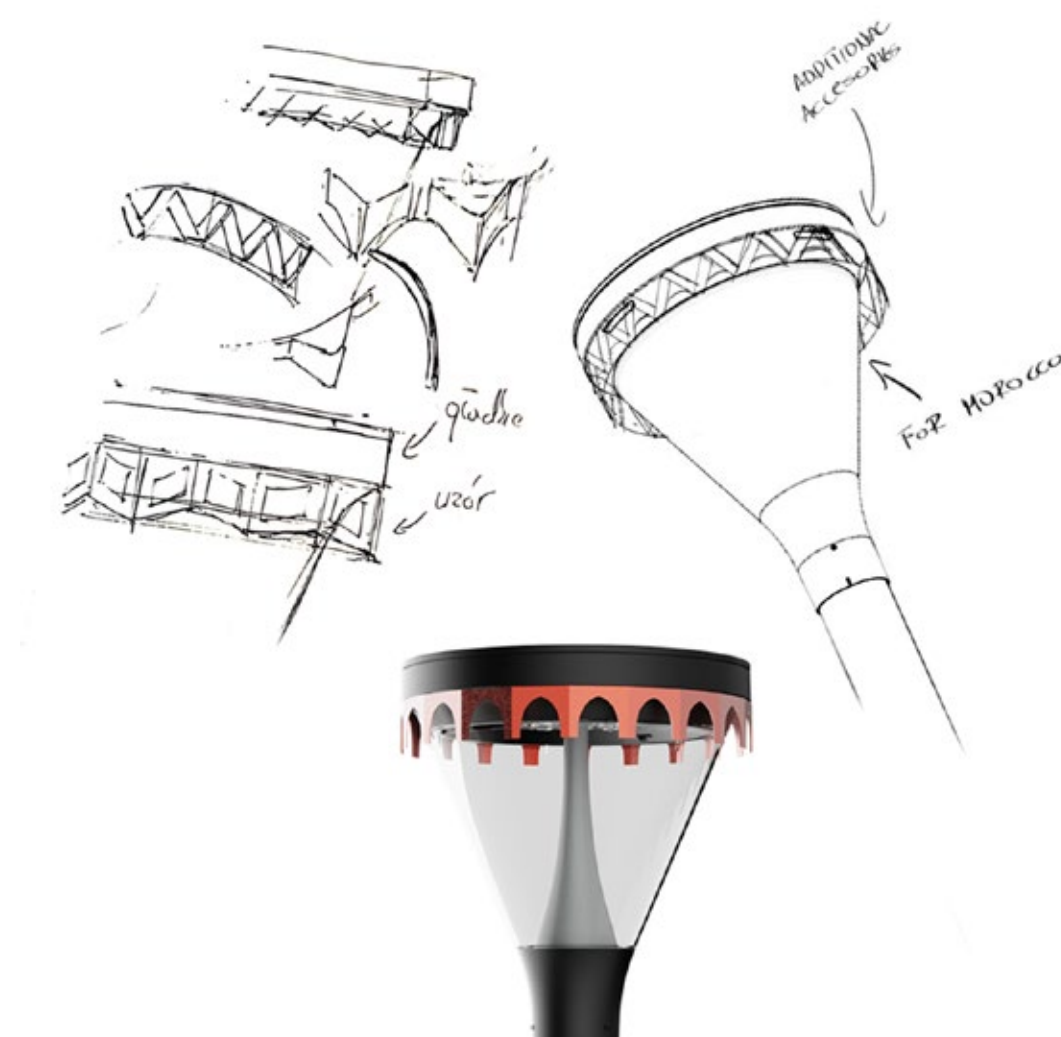


BESPOKE VARIANTS



Skver road luminaires in the Bespoke version are synonymous with an individual approach and the highest quality. In the catalogue, we present many ready-made variants that make it easier to choose the perfect solution. For customers looking for unique solutions, we have also prepared the Bespoke offer, allowing you to fully adjust the luminaire to the needs of the project.

Each project is created in close cooperation with the customer, fully taking into account their expectations and the specificity of the place where the luminaires will be used.





435515
SKVER Backshield RAL9005



435522
SKVER Hood example 1
RAL9005



421518
SKVER Hood ULR example 2
RAL9005



449017
Drilling Jig



804427
SKVER R adapter male thread
M20x40 (stroke 2.5)



804328
SKVER R male adaptor three-
ad ¾ in x 40 (gas)



804434
SKVER R male thread adap-
ter 1 inch x40 (gas)



804335
SKVER R female adaptor
thread ¾ in x 40 (gas)



804441
SKVER R 1 inch x40 female
thread adapter (gas)



804571
SKVER external adapter fi48



804588
SKVER external adapter fi60

ACCESSORIES TRAPPINGS

SKVER S L 7100lm 840 RM7 IP66 II cl. DALI ZG B 0 (50W)

1 2 3 4 5 6 7 8 9 10 11 12

1 Model
Skver LED S

2 Version
A Inseparable version
F Detachable version
L Removable version with knife switch
R Suspended version
Z1 Inseparable version "7"
Z2 Detachable version with knife switch "7"

3 Luminous flux [lm]
Value in [lm] in steps of 5

4 CRI
722 724 727 730 735 740 750 757 822 824
827 830 835 **840** 850 857 857

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

7 Protection class
cl.

8 Control
1DIM
Dim
DALI

9 Connector / Sensor
NEMA
ZG ZHAGA
RCR

10 Colour
b) black
GREY
In White
RALxxxx

11 Accessories
0 No Aperture
1 with Aperture No. 1
2 with Aperture # 2
3 with Aperture # 3

12 Power
gross
in steps of 1W





CASE STUDY

Darłowo

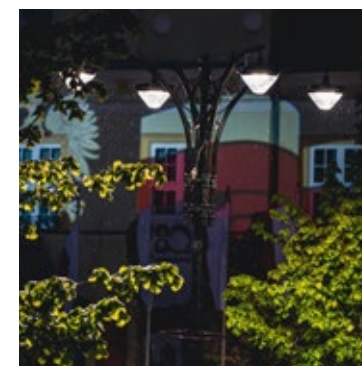
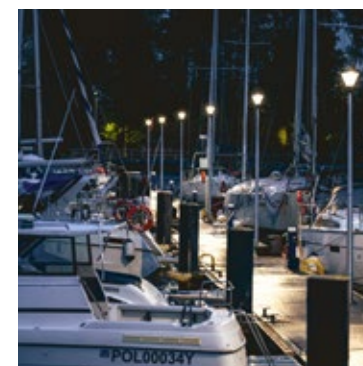
Number of luminaires:	734
types of luminaires:	SKVER F, L and R, TIARA 2 LED S
value of investment:	PLN 873,838
Primary power:	54,7 kW
Power after modernization:	17,45 kW
ROI	< 3,6 years
reduction CO ₂ 10 years	1046 tonnes

68%

of savings

163k PLN

savings/year



PREMIERES COMING SOON

SKVER LED PRO – a new, improved version of the valued SKVER street luminaire. The new model is a response to the growing requirements in terms of efficiency, durability

SKVER LED PRO offers more power, higher luminous efficiency and a modern design optimized for operation in demanding outdoor conditions. The applied optical and electronic solutions provide excellent lighting parameters with even lower energy consumption.

It is a proposition for investors looking for reliable, efficient and future-oriented lighting of streets, parking lots and public spaces. SKVER LED PRO – the next step towards a smart, energy-efficient city.



IP
66

IK
10

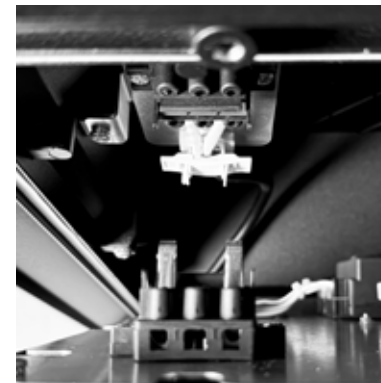


Constelia LED is an elegant park-urban luminaire that combines classic design with modern technology. Thanks to its multi-variant design solutions, it fits perfectly into a variety of urban spaces, offering the flexibility to adapt to any architecture.



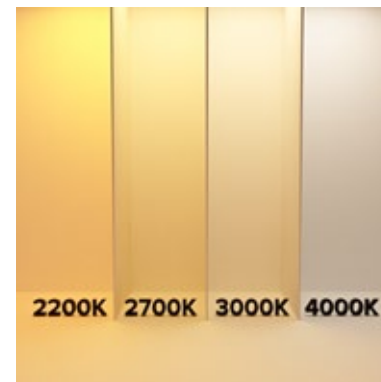
NEMA/Zhaga connector

LED luminaire equipped with a connector NEMA/Zhaga enables simple integration with automation systems and intelligent Lighting control design.



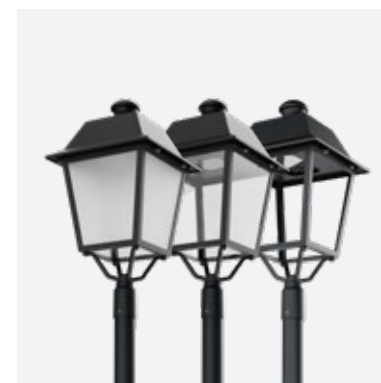
Knife disconnect switch

The use of a knife disconnect in the LED luminaire guarantees safe and quick disconnection of the power supply for maintenance or service.



4 colour temperatures

2200K
2700K
3000K
4000K



3 types of lampshade

frosted
milky white
transparent



Constelia LED

rated power [W]	8 - 76
luminous flux [lm]	975 - 10650
mounting method	post
body material	Aluminium (powder coated)
body color:	
shade material	toughened glass
type of lampshade	transparent
dimensions [mm]	425/425/827

IP

66

IK

09

lm/W

150

- Built-in knife disconnecter for easy and safe operation
- Quick module replacement without disassembly and soldering
- Heavy Duty Enclosure IP66, IK09, Powder Coated
- Options: DALI, ZHAGA, CLO, SP10kV, RAL



Constelia LED, Darłowo



Constelia LED R, Dartowo



Constelia LED R

IP 66 | IK 09 | lm/W 150

rated power [W]	8 - 76
luminous flux [lm]	975 - 10650
mounting method	suspended
body material	Aluminium (powder coated)
body color:	
shade material	toughened glass
type of lampshade	transparent
dimensions [mm]	425/425/765

- Stylized and durable LED park-urban luminaire
- Quick module replacement without disassembly and soldering
- Rugged housing IP66, IK09, powder coating
- Options: DALI, ZHAGA, CLO, SP10kV, RAL



SOLUTIONS TRAINING



Altezzo and Mitra LED luminaires provide a new dimension of functionality and visual layer of the environment. Additional mounting elements and modern control systems increase the flexibility of their applications. Such solutions emphasize the modern character of the lamps, while increasing the comfort of use and energy efficiency of the infrastructure.



Altezzo L100 / L150

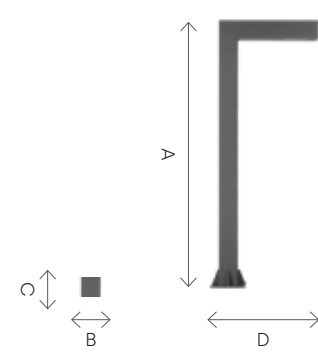
rated power [W]	6 - 82
luminous flux [lm]	650 - 10700
mounting method	on the foundation
body material	aluminum
body color:	
shade material	PC
type of lampshade	transparent lens
dimensions [mm]	600, 900, 1200, 1500/100/40/200, 2500, 3000, 3500, 4000, 5000/150/150/800

IP
65

IK
09

lm/W
122

- Customized height – from low post luminaires to 6 m poles
- Beam angle 110°
- Various streams and broad-casts
- Operating at -30°C to +50°C and harsh environments



CUSTOM

The design of Altezzo L provides for the possibility of customizing the lamp in accordance with the guidelines of the designer or architect. The lamp element comprising the light module may be directed parallel to the illuminated plane or at an angle.

In addition, the profile itself may fork, which increases the possibilities of arrangement. Thanks to the option of customizing the height – from low post luminaires to 6 m poles – the solution works in many types of space. As a result, as many as four elements with a light module can be mounted on one post, one on each plane, at the same or different heights.





Altezzo L 100 K lighting on the facade of the building

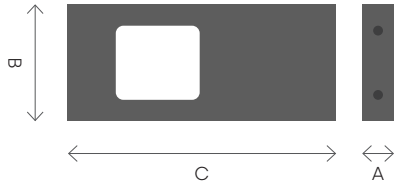


Altezzo L100K / L150K

IP 65 | IK 08 | lm/W 130

rated power [W]	5 - 40
luminous flux [lm]	600 - 5200
mounting method	on the facade
body material	aluminum
body color:	
shade material	PC
type of lampshade	PMMA lens
dimensions [mm]	40/100/250

- The lamps are designed to work in very low and high temperatures from -30°C to +50°C and in difficult weather conditions
- No light pollution effect



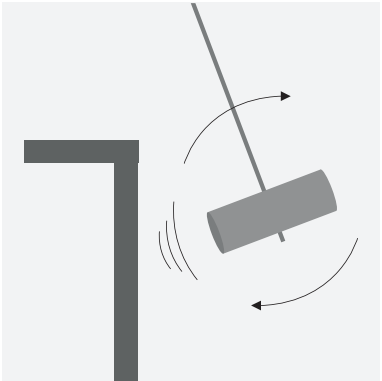
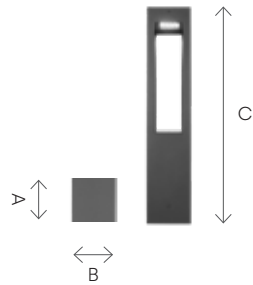


Altezzo A120 / A150

rated power [W]	8 - 42
luminous flux [lm]	850 - 4000
mounting method	on the foundation
body material	aluminum
body color:	
shade material	PC
type of lampshade	transparent lens
dimensions [mm]	120/120/600, 900, 1200, 1500 150/150/600, 900, 1200, 1500, 2000, 2500, 3000

IP 65 | IK 08 | lm/W 109

- They can work in very low and high temperatures
- The light module consists of high durability LEDs with a durable polycarbonate screen
- They will work well in parks and gardens for illuminating small architecture



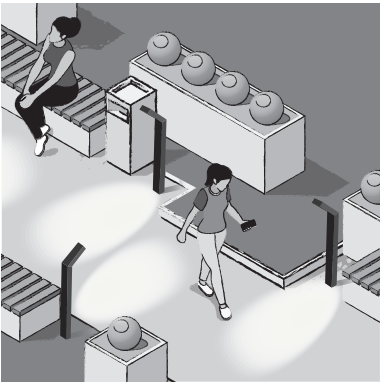
Damage resistance mechanical

The profile of Altezzo lamps is durable on impacts IK09 / IK08.



Different angles of light

The lamp element comprising the light module may be directed parallel to the illuminated plane or at an angle.



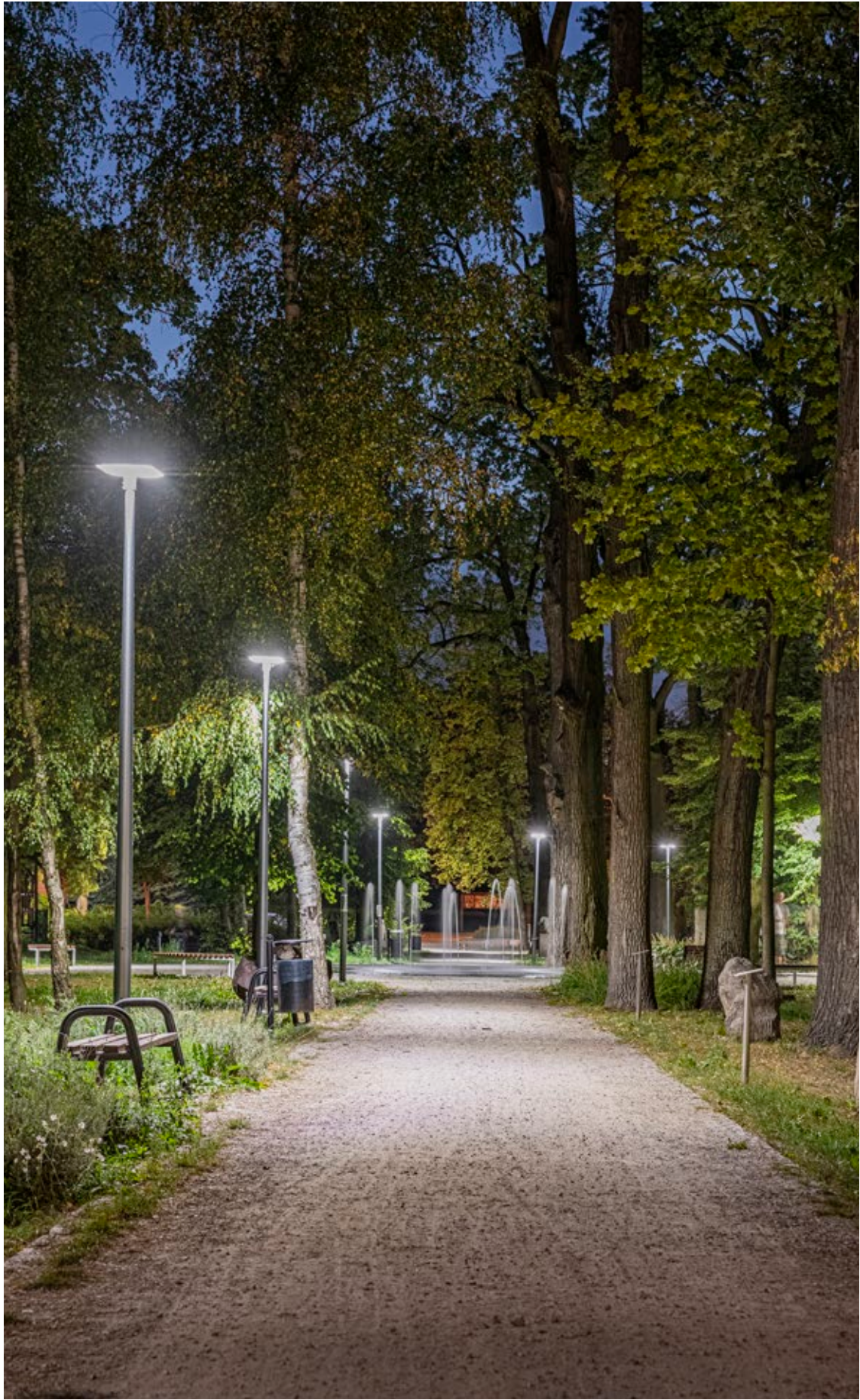
Altezzo low lamps

They will perfectly fit into the garden infrastructure and park. They will precisely illuminate the path and selected elements of small architecture, without causing the effect of light pollution.



Durability

The light module consists of LEDs with a durability of up to 196,000 h.



Mitra LED luminaires in the park

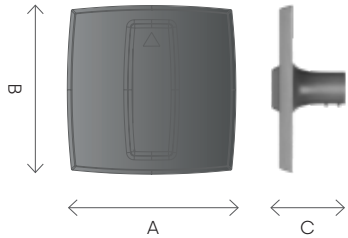


Mitra LED

IP 66 | IK 07 | lm/W 132

rated power [W]	13 - 62
luminous flux [lm]	1550 - 7250
mounting method	gable to pole
body material	PP + FG
body color:	
shade material	PC
type of lampshade	transparent lens
dimensions [mm]	398/398/175

- Two types of shade – iridescent and transparent
- Over Voltage Protection
- Cable H07RN-F 0.6m
- Smooth, dirt-resistant surface
- The use of a tight IP66 quick connector allows for instant assembly





IT REALLY MATTERS

We produce in accordance with the highest environmental standards.



Awareness of how important environmental behaviors are for us and future generations motivates us to put maximum effort to both offer the highest quality, energy-efficient products, as well as to ensure that the entire process and technology of their production does not have a negative impact on the ecosystem.

Our efforts and their effectiveness have been confirmed by the ISO 14001 certificate. This means that Lena Lighting has successfully implemented an environmental management system. The overriding objective of this system is to create conditions for the functioning of the enterprise in order to minimize the negative impact on the natural environment. We have already succeeded, but we continue and will continue to invest in technology and knowledge, one of the goals of which is to care for the environment.

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