

Lighting solutions **for sports facilities**

360-degree holistic offer



We are a reputable manufacturer of high-quality energy-efficient lighting, specialising, among other things, in sports facility lighting. We offer innovative solutions that meet the highest standards of sports hall and sports field lighting.

We provide excellent light quality, ensuring optimal visibility conditions for athletes and spectators.

Our lighting is extremely energy-efficient, resulting in lower operating costs and reduced electricity consumption. Our products are designed with minimal environmental impact

in mind, incorporating advanced energy-saving technologies.

Our team of experts is ready to collaborate on lighting design for a variety of sports facilities, including stadiums, sports halls, tennis courts or swimming pools. We adapt to the individual needs of our clients, ensuring customised solutions that match specific requirements and spaces.

If you are looking for high-quality lighting that provides excellent visibility, energy savings and durability, we are the right partner for you.

————— **We support** your vision

Sport is super important!

Sport is extremely important for health and overall well-being. Regular physical activity improves fitness, strengthens muscles and bones, and supports the circulatory system. Moreover, participation in sports events builds strong social bonds and develops teamwork skills.

Sport is also an excellent form of relaxation and source for stress relief, giving us the opportunity to break away from everyday duties. For many people, sport is also a passion and hobby that gives joy and satisfaction. Regardless of age or skills, everyone can find the right sport that will bring them both physical and mental benefits.

Discover the joy
and benefits of sport!

**Discover the power of our lighting
that will enhance your sports
achievements**





Main lighting of the sports hall

Factor LED

Very good ingress protection and impact resistance parameters, ability to work in elevated temperatures – up to 45°C as standard and an extensive light distribution offer allow Factor Led luminaires to work in difficult conditions

Luminaire power [W]: 101 – 1080

Luminous flux [lm]: 14600 – 148800

Colour temperature [K]: 4000

Mounting: top, to the pole

Ingress protection: IP66

Dimensions [mm]: 191/425/217, 385/425/340,
580/425/340, 774/425/340



Factor LED HB

Factor Led HB is the latest generation high bay luminaire offering high power and high luminous flux. It is characterised not only by very high luminous efficiency, but also by high ingress protection (IP66) and impact resistance (IK09). Factor LED HB can be used and will prove perfect inside sports halls.

Luminaire power [W]: 101 – 590

Luminous flux [lm]: 14600 – 74400

Colour temperature [K]: 4000

Mounting: surface or suspended

Ingress protection: IP66

Dimensions [mm]: 191/397/125, 387/397/125



Main lighting of the sports hall

Quest 2 LED

High-quality, impact-resistant, tight floodlight with a built-in LED source. The mounting bracket is corrosion resistant and adjustable from -140° to $+185^{\circ}$.

Luminaire power [W]: 27 – 243

Luminous flux [lm]: 3400 – 30900

Colour temperature [K]: 3000, 4000, 5700

Mounting: ground-mounted

Ingress protection: IP66

Dimensions [mm]: 436/472/79, 437/378/79



Quest Resist

High-quality floodlight with a built-in LED source. The diffuser is a 5 mm thick tempered glass. The mounting bracket is corrosion resistant and adjustable from -140° to $+185^{\circ}$.

Luminaire power [W]: 54 – 145

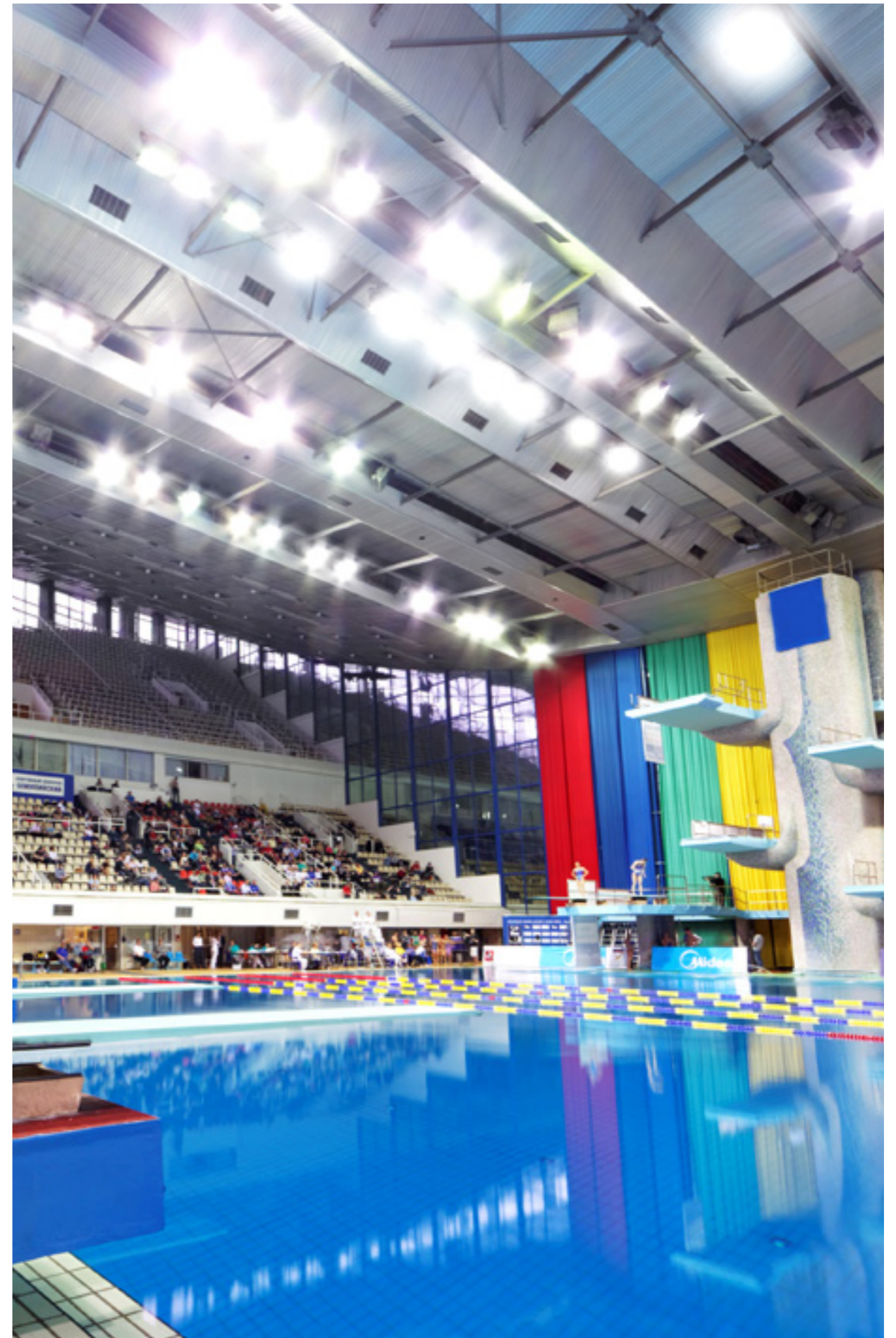
Luminous flux [lm]: 6600 – 19950

Colour temperature [K]: 4000

Mounting: ground-mounted

Impact resistance and ingress protection: IK09, IP66

Dimensions [mm]: 436/472/79, 437/378/79



Main lighting of the sports hall

Arena LED

Luminaire characteristics and high impact resistance and tightness parameters predisposes it to be used in sports facilities with difficult conditions – increased dust and humidity and a high probability of impact exposure.

Luminaire power [W]: 70 – 141

Luminous flux [lm]: 8950 – 18400

Colour temperature [K]: 3000, 4000

Mounting: surface, suspended

Ingress protection: IP65

Dimensions [mm]: 1205/195/95; 811/195/95

Options: DIMM DALI



Quest 2 LED HB

A high quality HIGH-BAY luminaire with a built-in LED source. The body is made of die-cast aluminium, while the diffuser is a 5 mm thick tempered glass.

Luminaire power [W]: 108 – 486

Luminous flux [lm]: 14000 – 61800

Colour temperature [K]: 4000, 5700

Mounting: surface, suspended

Impact resistance and ingress protection: IK09, IP66

Dimensions [mm]: 321/424/37; 671/424/37;
415/424/37; 859/424/37; 335/450/45; 335/510/85;
700/450/45; 700/510/85; 430/450/45; 430/510/85;
870/450/45; 870/510/85

Options: dusk sensor, DIMM DALI



Oculus LED

The body – made of die-cast aluminium – uses natural conduction and convection processes, which have a positive effect on luminaire's heat management.

Luminaire power [W]: 72 – 294

Luminous flux [lm]: 12200 – 49200

Colour temperature [K]: 4000, 5700

Suspended mounting

Ingress protection: IP66

Dimensions [mm]: 106/371

Luminaire version for operation at very high temperatures, mounted to the pole, with a reduced glare factor, is available.



General room lighting

Vector 3 LED

Surface-mounted luminaire made of steel sheet powder coated in white. Diffuser made of PC in a matt prismatic version generating soft, homogeneous light and a prismatic version offering higher luminous flux.

Luminaire power [W]: 16 – 60

Luminous flux [lm]: 1950 – 6900

Colour temperature [K]: 3000, 4000

Surface mounting

Ingress protection: IP40

Dimensions [mm]: 1161/61/125; 601/61/125;
1441/126/60;

Options: DIMM DALI, corridor function, RCR



Industry IP66 LED

Combination of materials (aluminium and tempered glass) and a non-dismountable structure with an external connector make the luminaire highly resistant to difficult environmental conditions.

Luminaire power [W]: 13 – 212

Luminous flux [lm]: 2150 – 34000

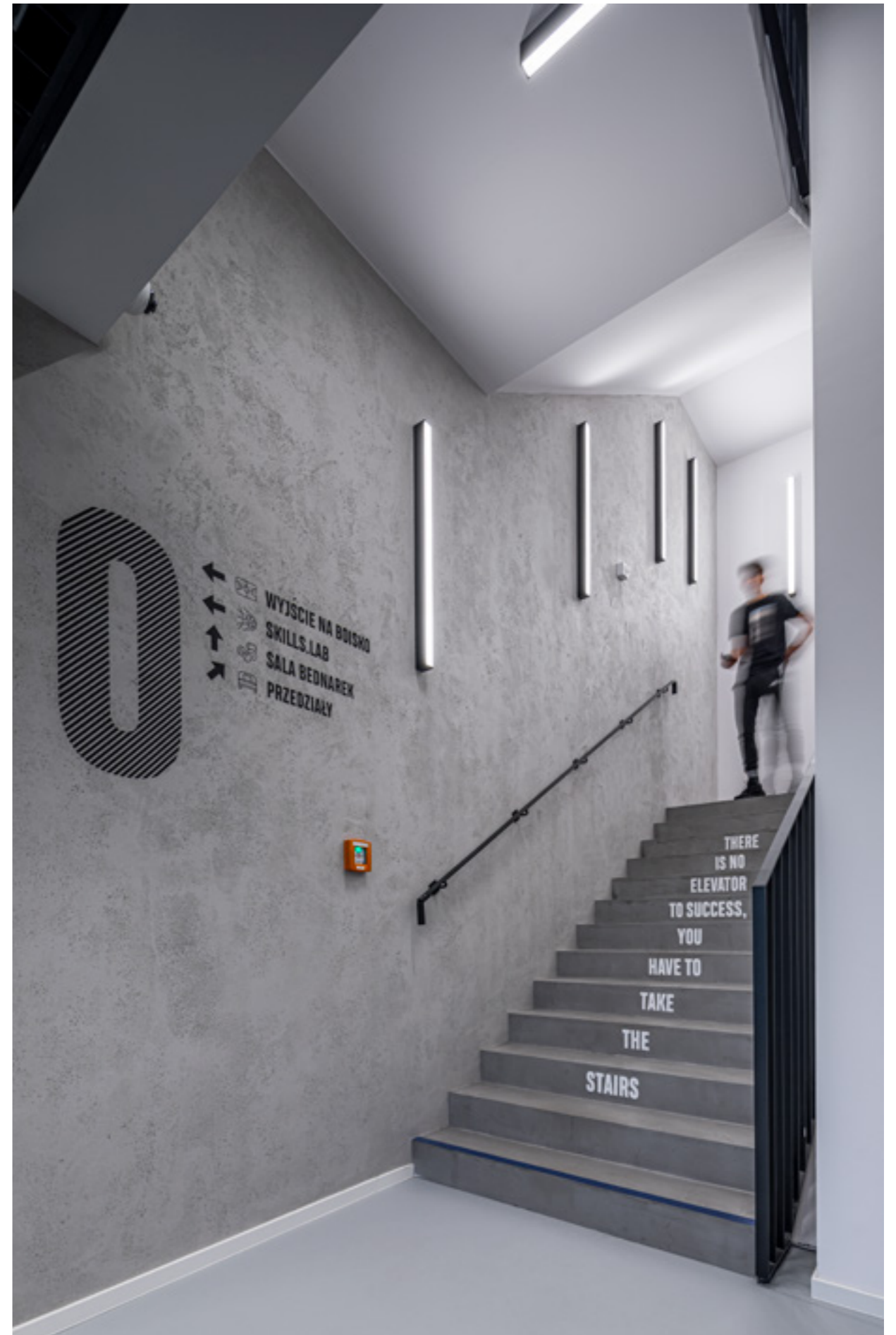
Colour temperature [K]: 4000

Mounting: surface, suspended

Ingress protection: IP66

Dimensions [mm]: 1150/63/55; 1450/63/55;
1250/104/135; 1450/104/135; 570/63/55

Options: DIMM DALI





General room lighting

Baris 52 LED

Suspended or surface-mounted luminaire with classic proportions and modern design. The design of the luminaire allows for creating lines of length up to 6 meters without profile connections and up to 25 meters without diffuser connections.

Luminaire power [W]: 14 – 84

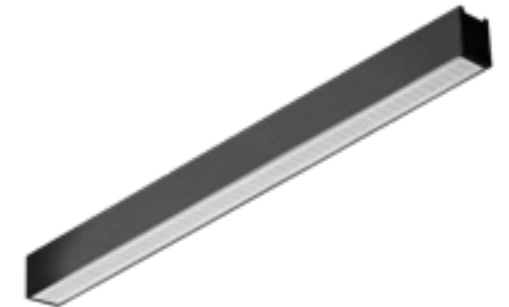
Luminous flux [lm]: 1800 – 9600

Colour temperature [K]: 4000

Mounting: surface-mounted, flush mounting possible in modular ceilings

Dimensions [mm]: 69/52/1143-5623

Options: DIMM DALI



SQ 600 / 300 LED

Surface-mounted luminaire offering the possibility of flush-mounting in modular ceilings and in plasterboard ceilings (using a KG frame/adaptor)

Luminaire power [W]: 18 – 73

Luminous flux [lm]: 2650 – 10900

Colour temperature [K]: 3000, 4000

Mounting: surface-mounted, flush mounting possible in modular and KG ceilings.

Diffuser type: opal and prismatic

Dimensions [mm]: 592/592/44; 300/300/58

Options: RCR sensor, DALI, CORRIDOR function (RCR + DALI)



General room lighting

DL 220 LED EVO

Downlight with an integrated, energy-saving LED module characterised by high luminous efficiency, high ingress protection IP65 and uniform light distribution.

Luminaire power [W]: 10 – 28

Luminous flux [lm]: 1350 – 3450

Colour temperature [K]: 3000, 4000

Mounting: flush-mounted

Ingress protection: IP65/40

Dimensions [mm]: Ø220/68

Option: DIMM DALI



Vespo LED

Multi-purpose LED luminaire designed for indoor use. Particularly recommended for lighting public buildings.

Luminaire power [W]: 17 – 71

Luminous flux [lm]: 2100 – 9800

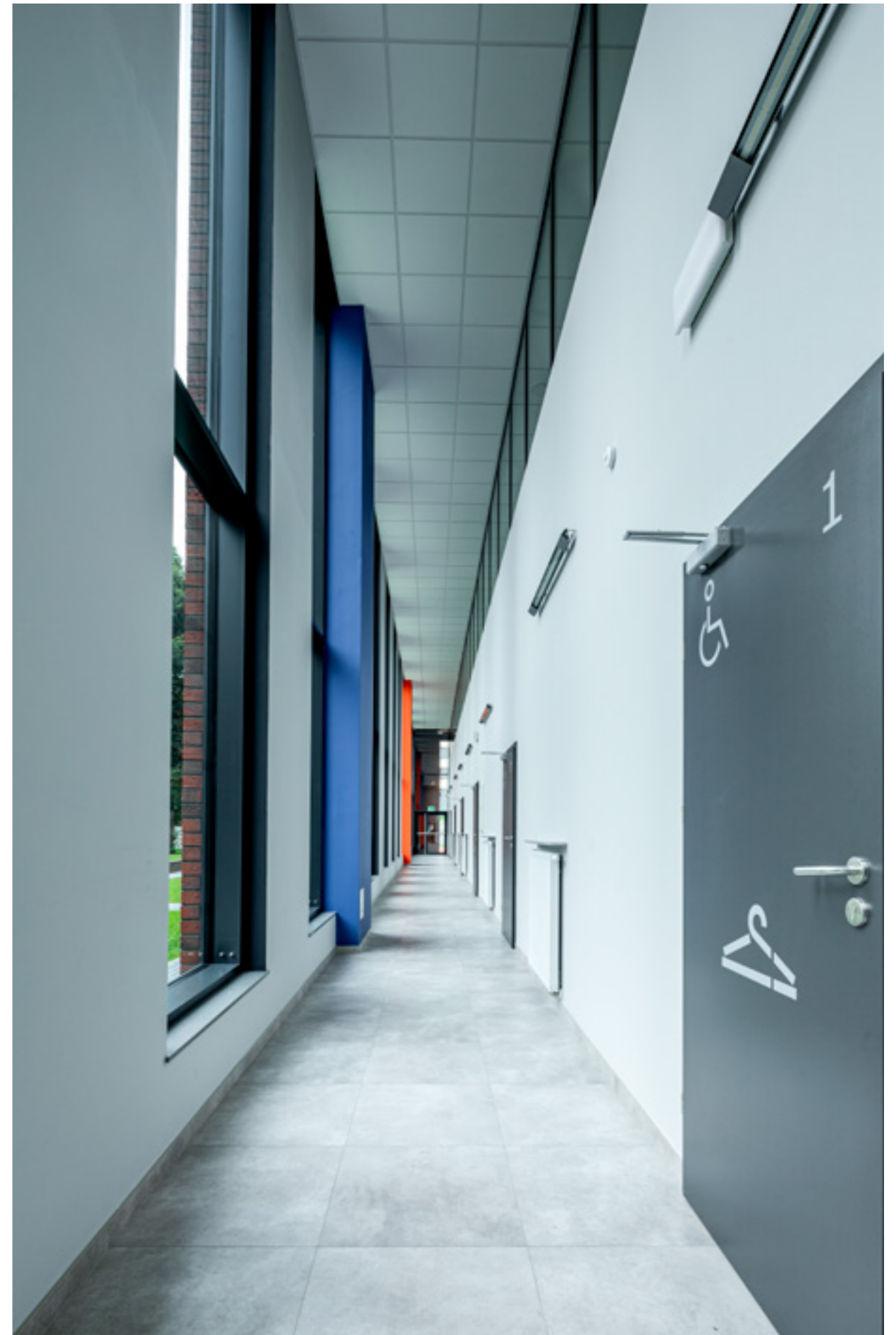
Colour temperature [K]: 3000, 4000

Surface mounting

Impact resistance and ingress protection: IK07, IP44

Dimensions [mm]: 601/124/60; 1161/124/60; 1441/124/60;

Options: DIMM DALI, dusk sensor, RCR motion sensor, emergency module. Possibility to connect in a lighting line – through-wiring.





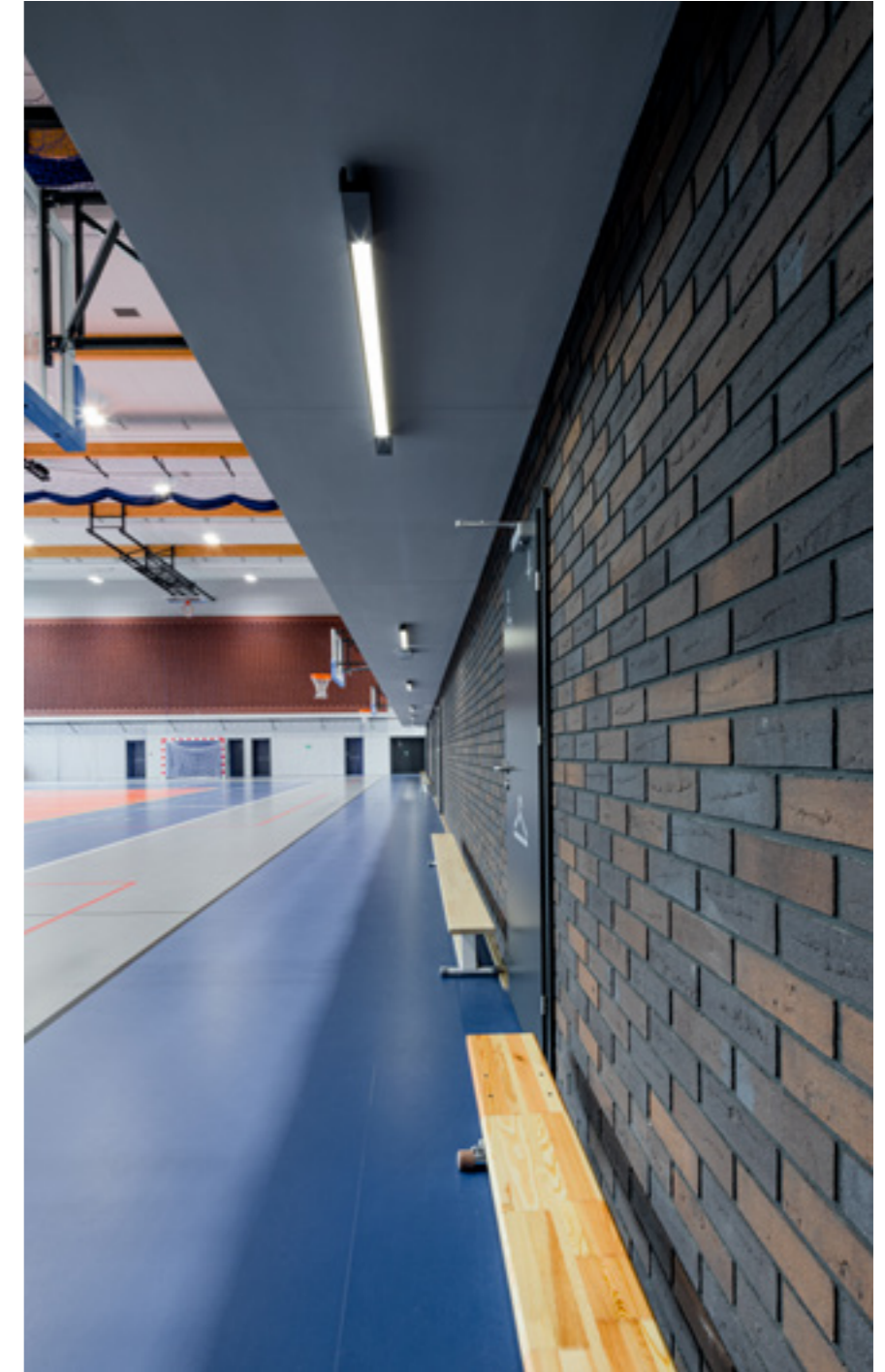
Impact-resistant, solid, robust.

Our luminaires
are characterised
by the highest
impact resistance **IK10**.

This has been achieved through the application of high-quality aluminium luminaire body and 5 mm thick tempered glass. The luminaires can be additionally secured with a protective net.

Quest 2 LED

— Sports hall in **Gliwice**



— Sports hall in **Colmar (France)**





Energy-saving, durable, adapted to operate in difficult environmental conditions.

Hockey-Arena in Örebro.
The facility has been provided with Industry LED Evo luminaires.

**“Dębinka” Social Primary School No. 3 and
Social Middle School in Poznań**



Retrofitting of the school complex included classrooms corridors and gyms.

Energy-saving and modern lighting for a sports facility

We have lit the modern sports hall with energy-saving luminaires. The luminaires have been equipped with an intelligent control system and motion sensors, which make it possible to adjust the lighting to the current needs, generate additional energy savings and are environment-friendly.

LED lighting not only has great benefits in terms of electricity savings and reduced operating costs. It also provides greater comfort of staying in rooms with artificial light, positively influencing mood and concentration.

Modern lighting management systems operate in accordance with the concept of Human Centric Lighting, which puts human needs in the first place. The system adjusts the lighting to human biorhythm and helps maintain the natural circadian rhythm, regardless of where we are. Controlling light intensity also allows for adjusting its level to the current conditions – time of day, season of the year or the amount of natural light entering the room. All this affects the comfort of use, while ensuring significant savings.

Benefits of LED lighting over traditional lighting:

Ecological attitude proven by the reduction in energy consumption by 50%

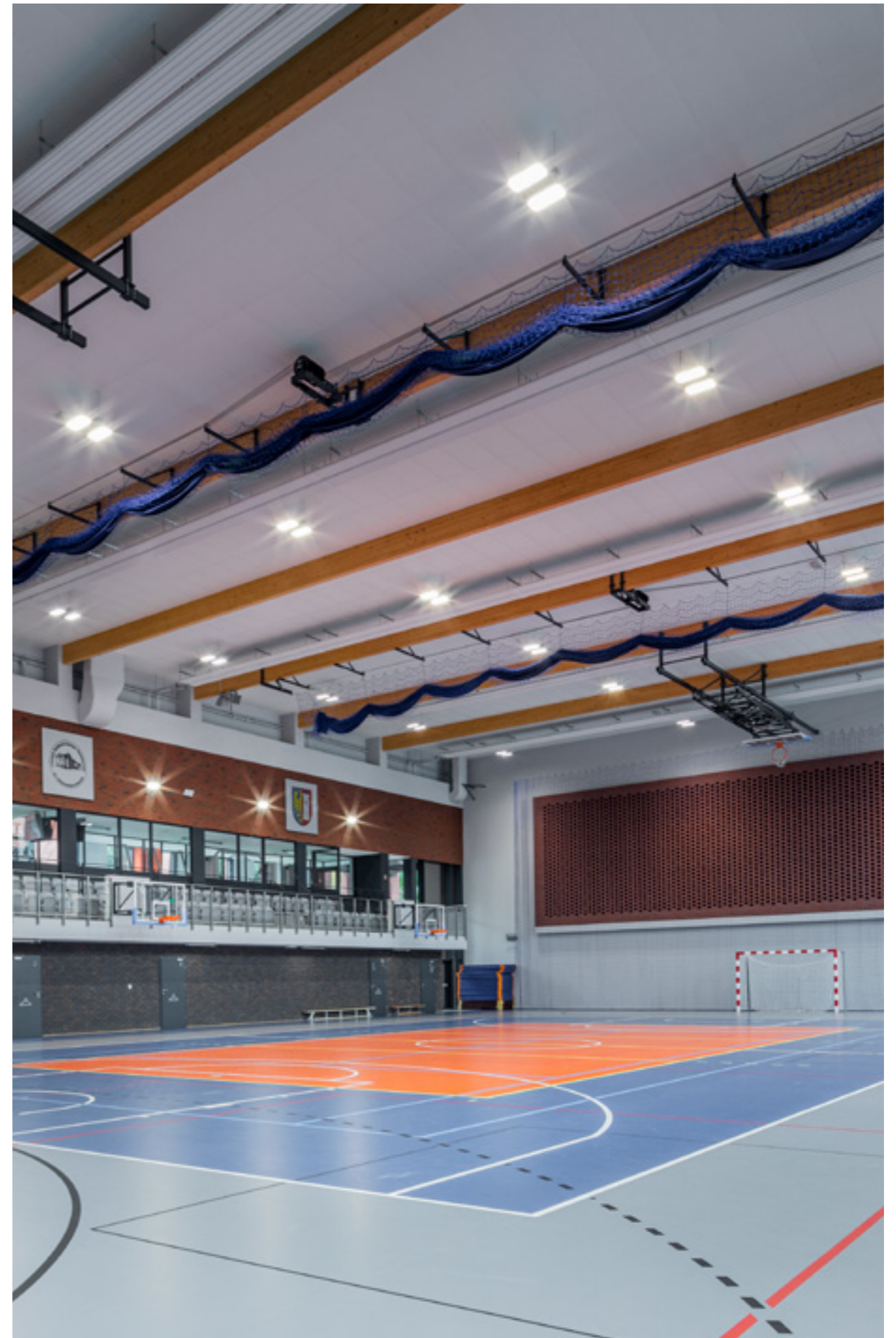
Possibility to spend the saved funds on development

Practical environmental education of children and youth

Lower lighting service and maintenance costs

Comfort of learning and physical development

Light friendly to students' and teachers' eyes, due to the lack of flickering and glare



—— The "Orlik" sports complex in **Orzechowo**



—— The "Słotwiny Arena" **ski slope**



Zdrofit fitness clubs



Throughout the process of illuminating the chain of Zdrofit fitness clubs, we have provided the customer with tailored luminaires from beyond our standard offer. Luminaires in dedicated colours, found only in Zdrofit clubs, have become their showcases. They constitute an element of visual identification, distinguishing these clubs from the competition.

Clubs belonging to the chain in which Lena Lighting luminaires have been used:

Fitness Zdrofit in Centrum Handlowe Ursynów, Warsaw

Fitness Zdrofit in Centrum Handlowe Targówek, Warsaw

Fitness Academy at Maślicka Street, Wrocław

Fitness Zdrofit in Centrum Handlowe Tesco, Gdynia

Fitness Zdrofit at Marii Dąbrowskiej Street, Warsaw (Chomiczówka)

Fitness Zdrofit at Pużaka Street, Warsaw (Ursus)

Fitness Zdrofit at Świetlików Street, Warsaw (Jelonki)

Fitness Zdrofit at Koński Jar Street, Warsaw (Ursynów)

Fitness Zdrofit at THE PARK office building, Krakowiaków Street, Warsaw

Fitness Zdrofit Varso Tower

100%

Made in Poland

We are a lighting manufacturer with over 34 years of presence on the market, which is why we know everything about luminaires and lighting systems: we design, comprehensively test and manufacture them. We combine practice with modernity.

Lena Lighting S.A. has for 34 years been one of the lighting market leaders in Poland. Based on 100% Polish capital, the company designs, constructs and manufactures professional lighting solutions. It is one of the largest companies and one of the most recognised brands in the region of Greater Poland, where its headquarters and production facilities are located.

The company has been listed on the main market of the Warsaw Stock Exchange since 2005. By developing exports to 70 countries around the world, it has achieved the position of an undisputed leader of professional luminaire exporters among Polish manufacturers.

34+

years of experience

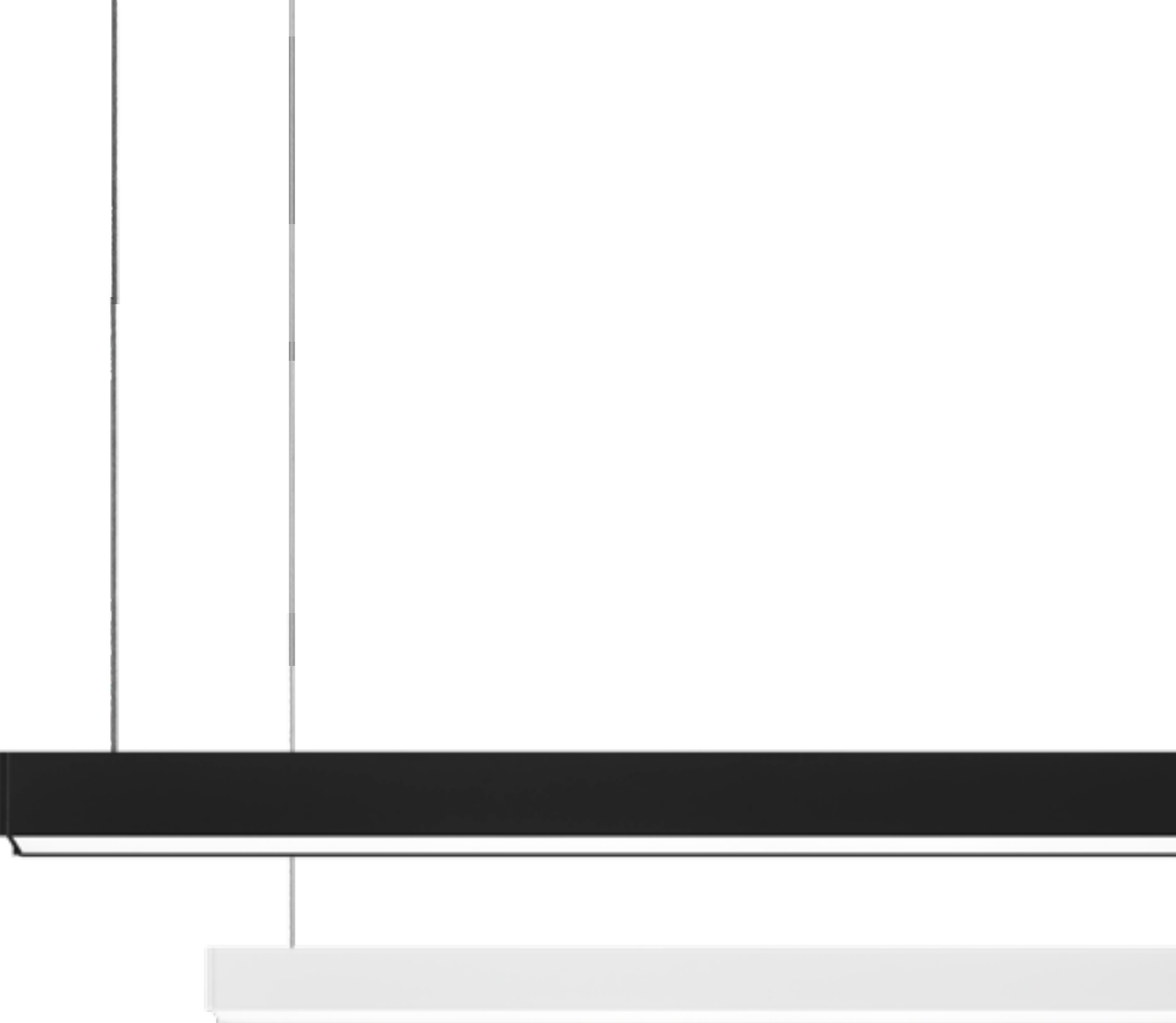


Our production lines are constantly developed and modernised.

Środa Wielkopolska

Entrust lighting design to professionals

Office: Środa Wielkopolska



Our customers can take advantage of our experts' professional advice at any time during the implementation of the investment. We will support you in choosing the lighting concept and the products. We will make visualisations and comprehensive lighting projects using the latest computer software. We make calculations of profitability and energy efficiency of lighting.

We invite you
to cooperate with us

It really **matters**

In recent years, we have continued and deepened our growing commitment to promoting an eco-friendly attitude towards business. Being aware of the importance of environmental protection behaviours and future generations inspires us to put maximum effort into offering the highest quality, energy-efficient products; and to make sure that the entire process and technology of their production do 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 overall goal of this system is to create conditions for the functioning of the enterprise in order to minimise the negative impact on the natural environment. We have already succeeded, but we are going to continue our journey and invest in technology and knowledge aimed at care for the natural environment.





Lena Lighting

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