



Lighting solutions **for sports facilities**

360-degree holistic offer

Energy-saving, modern lighting solution for a sports hall

1st Secondary School in Gliwice

Our energy-saving luminaires have illuminated the modern sports hall at the 1st Secondary School in Gliwice. 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 upgrade:

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

Possibility to spend the saved funds on development.

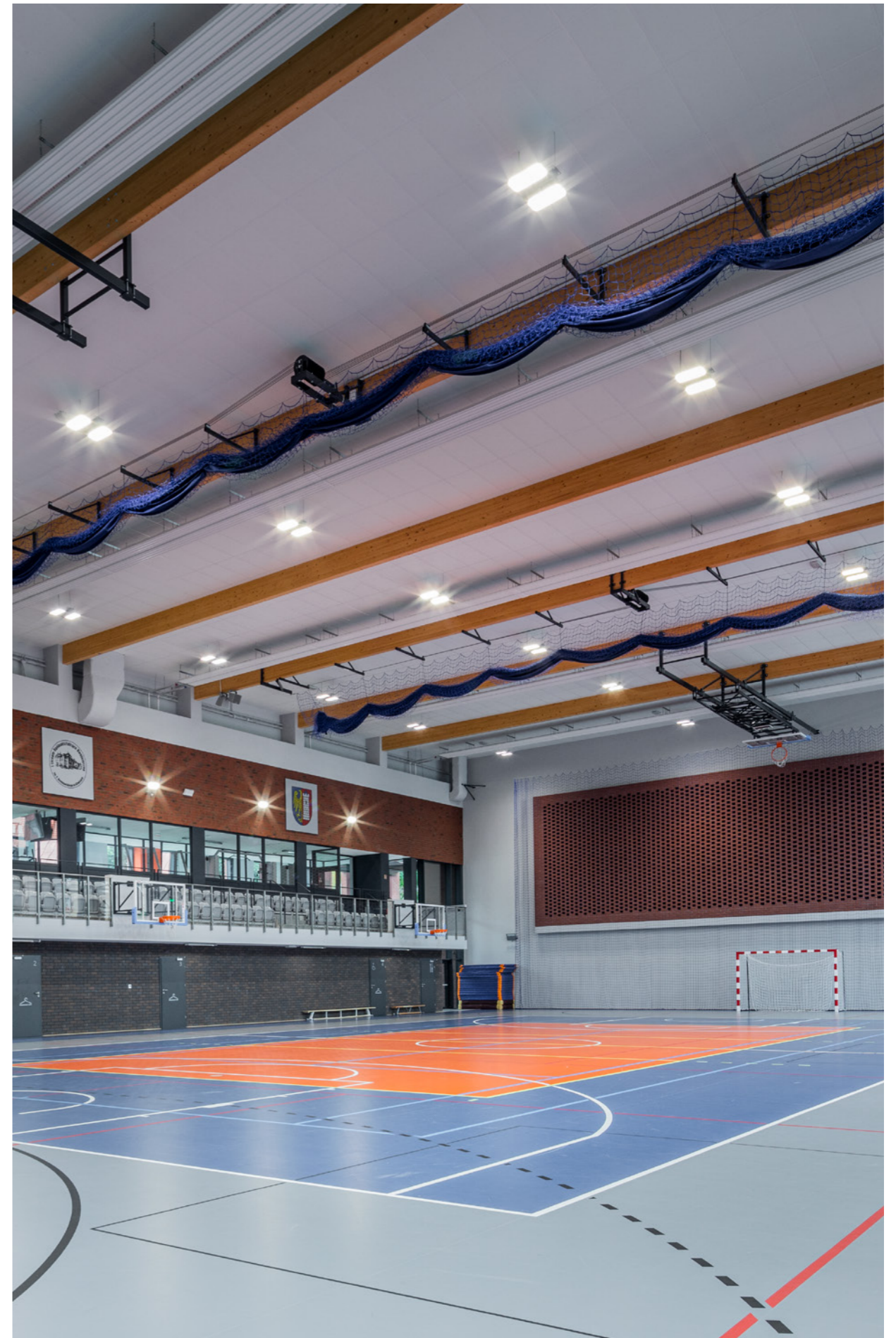
Practical environmental education of children and youth.

Lower lighting service and maintenance costs.

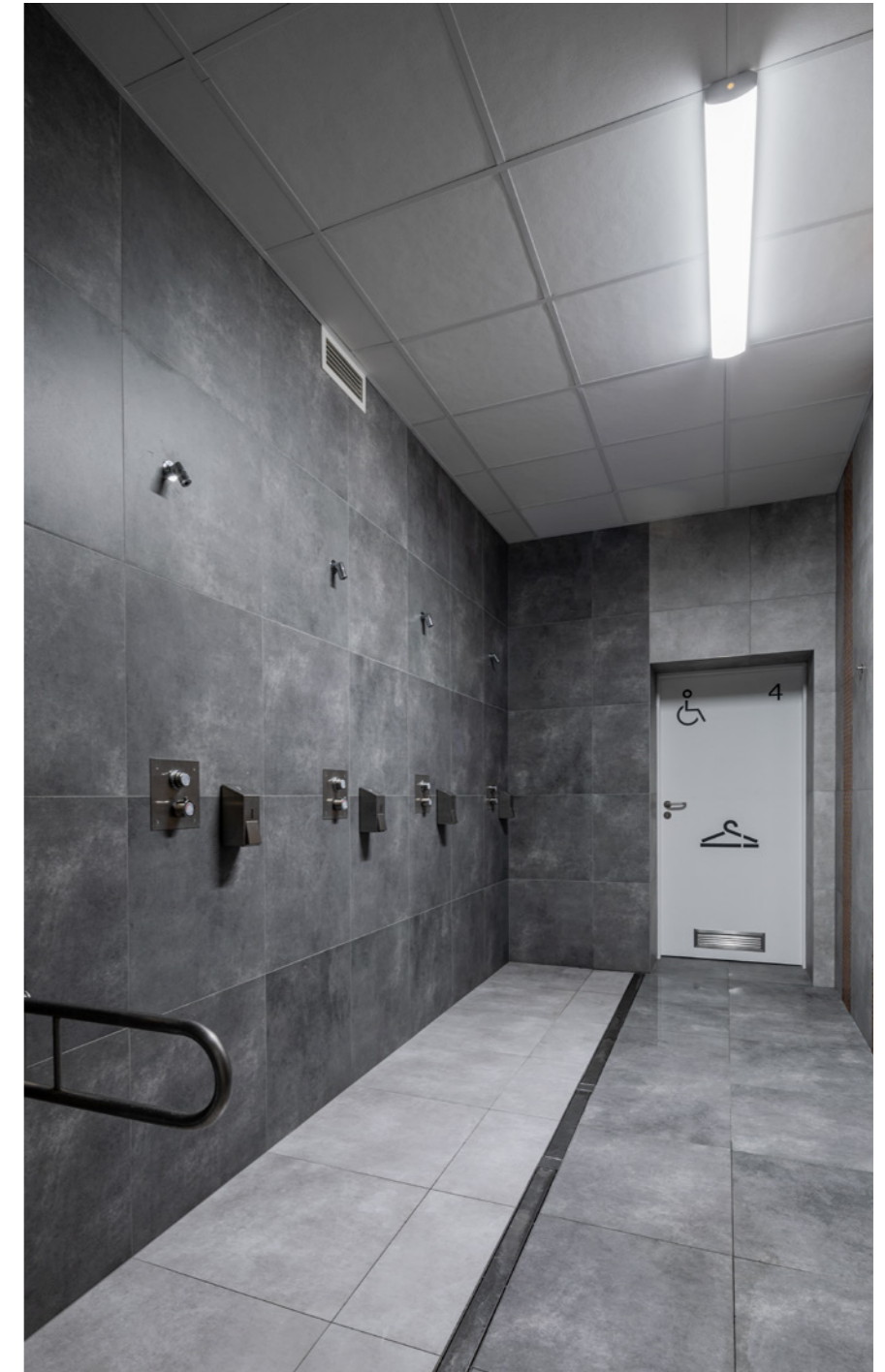
Comfort of learning and physical development.

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

50%
energy savings



— **Sports hall** in Gliwice





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 the town of 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.

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

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



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]: 4,000; 5,700
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.



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]: 4,000; 5,700
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



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°.

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

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
Options: DALI control

Main lighting of the sports hall

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

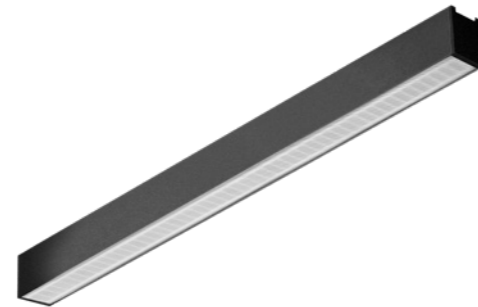
Luminous flux [lm]: 1800 – 9600

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/adapter)

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, funkcja korytarzowa CORRIDOR (RCR + DALI)



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.



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.



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



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