



Mimo 2 LED

Industrial lighting



100%

Made in Poland

We are a lighting manufacturer with 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.

We have technologically advanced manufacturing facilities at our command, which guarantees a high level of flexibility and operational efficiency. We produce over 4 million luminaires annually, and each product leaving the Lena Lighting production line strengthens our position as one of the leaders in the market of luminaires in the country and in the world – every day.

When designing new luminaires, we take advantage of the latest achievements in technology. For years, we have cooperated with leading international manufacturers of electrotechnical components, who, in addition to providing us with their solutions, also implement individual projects of our Engineers at the Research and Development Department of Lena Lighting S.A., allowing for a significant reduction in energy consumption, while improving the quality of lighting. We are constantly enhancing our know-how using the latest global solutions in LED technology and lighting control.

34+

years of experience



Modern LED production line

Środa Wielkopolska



It really matters

We make our products according to the highest environmental standards.



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.

Design perfectly
Create consistently
Offer comprehensively
Hit precisely

It is worth choosing products supplied by renowned manufacturers, employing both highly-skilled engineering staff with many years of experience in designing lighting systems, as well as having properly equipped laboratories allowing for constant quality control of manufactured products.

Considering the professional R&D facilities and the state-of-the-art laboratory operated by specialists, as well as the constantly controlled production process, Lena Lighting is able to provide its customers, with full responsibility, with a 5-year warranty on each luminaire it manufactures.



**We are responsible for
the highest quality of lighting**

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.

Engineers working in our design office will prepare a project that meets all standards and guarantees comfort of use. The client receives free-of-charge consultancy and project documentation, which guarantee high quality and compliance with standards.

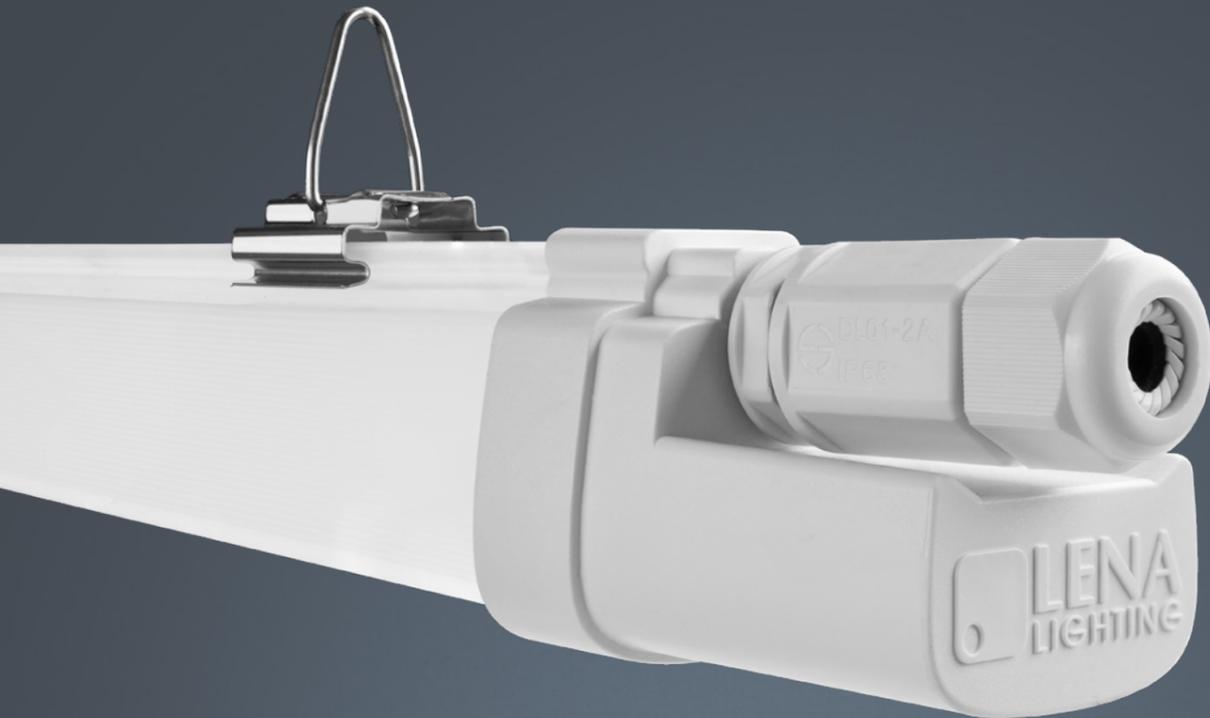
DIALux

**AUTODESK
REVIT**

SOLIDWORKS

We invite you to cooperate with us

Mimo 2 LED



Light and strong

multi-purpose batten

When designing this luminaire, our designers have taken into account the potential of its broad spectrum of applications in many spaces. The main goal was to create a light and easy to install luminaire characterised by efficient lighting parameters and allowing for quick assembly in various spaces.

This is how the multi-purpose family of MIMO 2 LED luminaires was created. By combining excellent parameters with an economical approach to the luminaire's structure, we have managed to find the perfect balance between price and quality, which Mimo 2 LED is the best proof of.

150 max.
lm/W

≤3 SDCM



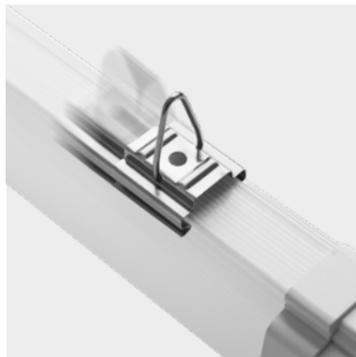
**Light
as a feather!**

The luminaire weighs only 350 g.
It is less than a small bottle of
water.



Connecting in a lighting line

With LS2 through-wiring, the lumi-
naires can be easily connected
in lighting lines. Creating lighting
lines with MIMO 2 LED is quick and
easy.



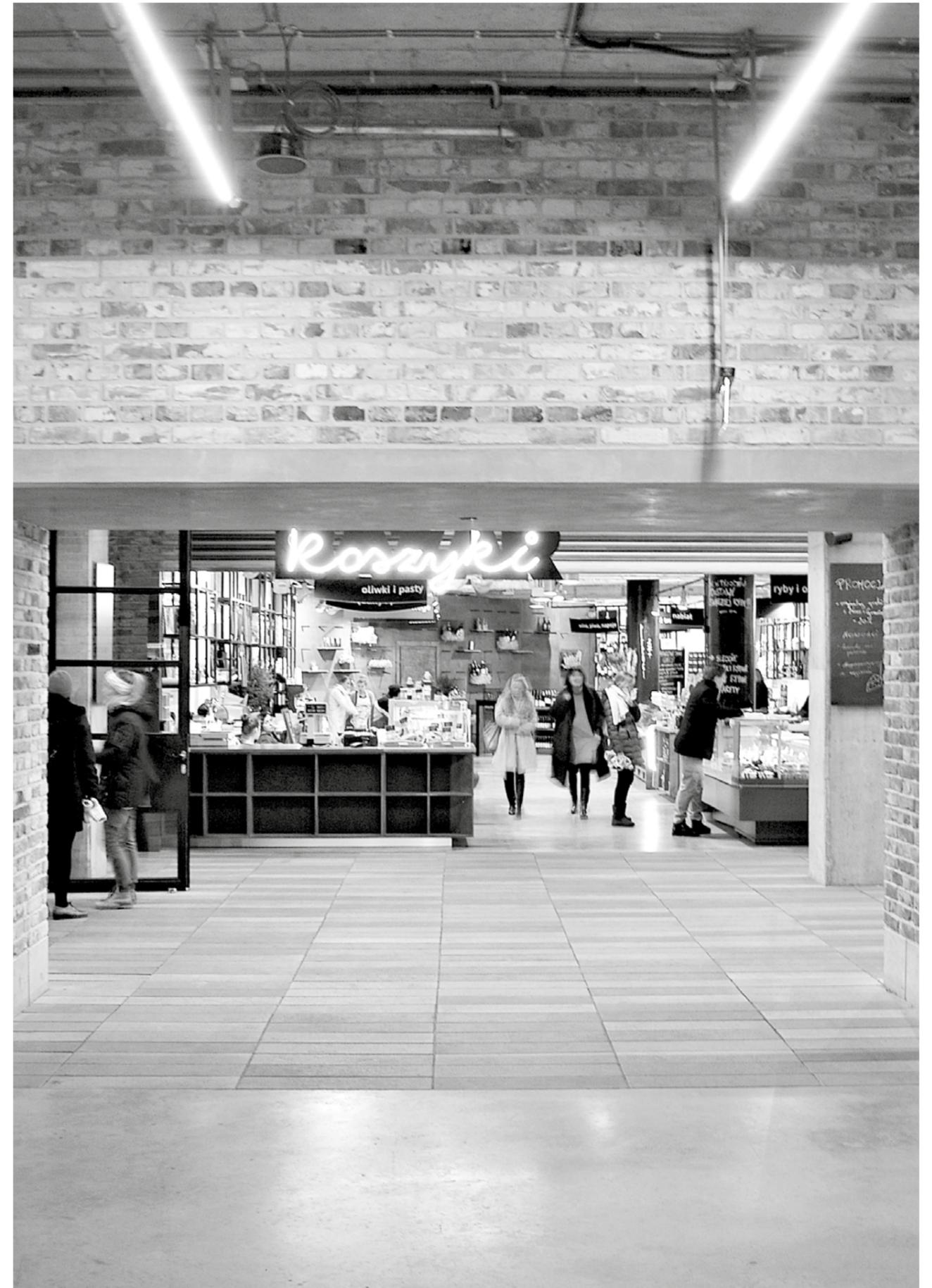
Movable grip

Assembly of the luminaire is
easy due to adjustable brackets,
which can be slid along the entire
length of the luminaire and
which are included in the kit
received by the customer. The
brackets also enable suspended
installation.



Surface mounting

Attach the mounting fixture to the
selected surface with a screw. The
electrically connected luminaire is
"clicked" into the mounted fixture.
That's it!



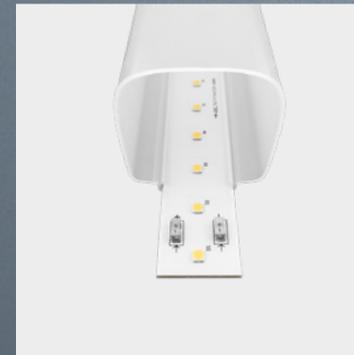
The use of Mimo 2 LED luminaires in an shop

Excellent, multi-purpose light distribution

Thanks to the use of high-quality lighting modules, Mimo 2 LED i Mimo 2 LED Basic luminaires are characterised by high efficiency up to 150lm/W and 115lm/W (Basic version), colour rendering index – Ra>80, 100,000 hours of LED lifespan (70,000 Basic version)

100.000 h
LED lifespan
Mimo 2 LED

70.000 h
LED lifespan
Mimo 2 LED Basic



The perfectly developed luminaire design allows for maximum utilisation of its potential, while the shape and structure of the diffuser allow for achieving the best light distribution.

The fastest mounting on the market

For the sake of the working comfort and significant savings for the assembly team, Lena Lighting designers have developed an innovative procedure of power supply connection, which involves using a special quick connector. The quick connector allows the luminaire to be connected to power supply more quickly than other competitive products available on the market.

01



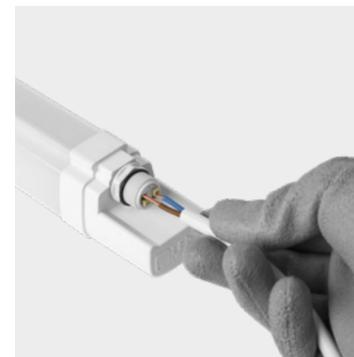
The MIMO 2 LED cable gland is equipped with a tool-free quick connector.

02



In order to connect the power supply, unscrew the gland and put the power cable through.

03



Put the cable through the gland and connect the L and N supply lines.

04



Complete the process by tightening the gland.



Mimo 2 LED

max. 150 lm/W IP66 IK06 ||

Rated power [W]:	13 - 30	Body colour:	white
Luminous flux [lm]:	1900 - 5000	Diffuser material:	PC
Mounting method:	surface, suspended	Diffuser type:	MATT
Body material:	PC	Dimensions A/B/C [mm]:	1230/45/50, 1510/45/50, 670/45/50

Distinguishing features:

- Very high ingress protection
- Low weight – does not weight down the ceiling
- Mounting bracket on the entire length
- Through-wiring versions
- Tool-free connection of cables in just 19 seconds.



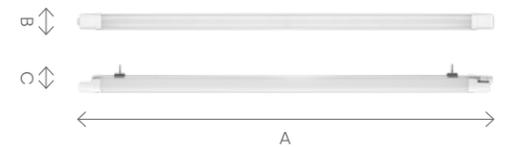
Mimo 2 LED Basic

max. 110 lm/W IP66 IK06 ||

Rated power [W]:	13 - 33	Body colour:	white
Luminous flux [lm]:	1650 - 4550	Diffuser material:	PC
Mounting method:	surface, suspended	Diffuser type:	MATT
Body material:	PC	Dimensions A/B/C [mm]:	1230/45/50, 1510/45/50, 670/45/50

Distinguishing features:

- Very high ingress protection
- Low weight – does not weight down the ceiling
- Mounting bracket on the entire length
- Through-wiring versions
- Tool-free connection of cables in just 19 seconds.





Light under control

Lighting control systems are comfortable, give a sense of comfort, save time, but above all optimise processes and are energy-saving and environmentally friendly.

Clue was created for us – people and for our planet. So you can use Clue wherever you need light: for work, study, rest, recovery or entertainment. Light scenes created with Clue affect well-being and concentration.

What are the benefits Clue® ?

energy savings

scalability – from one room to the entire integrated multi-building complex

selection of lighting dedicated for specific tasks

easily and quickly changeable light scenes depending on the type of performed work

automatic modification of lighting depending on the time of day and external conditions

adaptation of lighting to room's occupancy level

In industry and sports facilities, they will improve safety, in offices and schools, they will increase the level of perception, in hospitals they will help people recover, and in hotels they will ensure a good mood. Adaptation of lighting to weather conditions, time of day or the occupancy of rooms, brings measurable benefits in the form of optimal energy use and reduction of greenhouse gas emissions.

Web app



Smartphone app



Underground parking lot lighting

The investor has retrofitted the underground parking lot

Facility dimensions: 20 x 100 m (2000 m²), luminaire mounting height: 2.5 m.

Due to the functional purpose of the space, a lighting level of 75 lx on the surface was required.

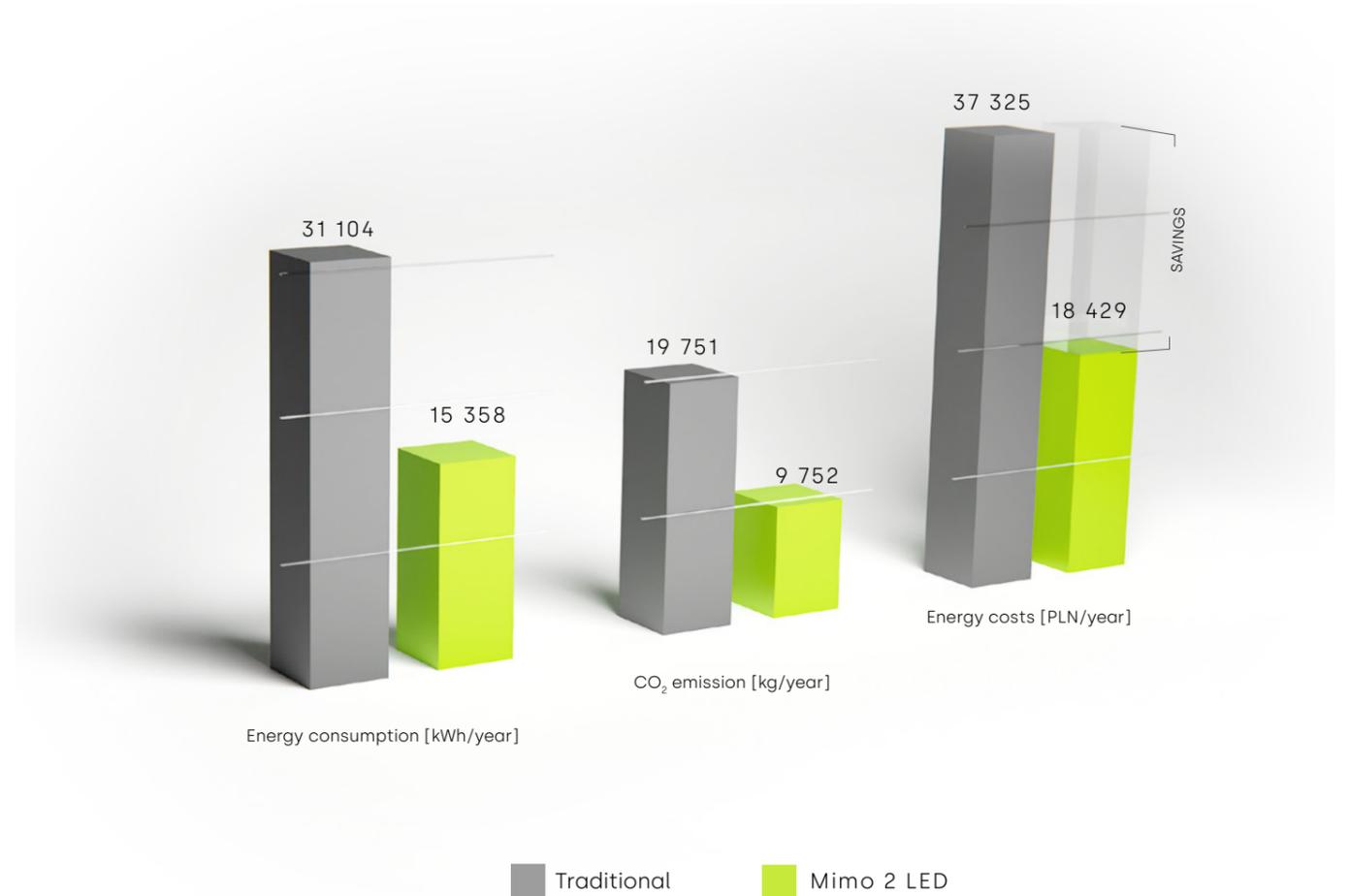
Due to the 24-hour mode of luminaire usage duration, energy efficiency was the most important criterion for their selection. Another condition for choosing the product was its reliability, because each downtime in the operation of the parking lot generates unnecessary costs. So far, the facility has been fitted with 2x36 EVG fluo-

rescent luminaires. Considering investor's key requirements, we proposed replacing traditional luminaires with Mimo 2 LED 3600 lm.

51.0%
energy savings



Comparison of energy consumption and costs



The comparative analysis has shown multiple benefits resulting from using LED luminaires. According to the proposed design, 25 fewer luminaires have been installed and during the use of Mimo 2 LED luminaires a significant reduction in costs has been observed.

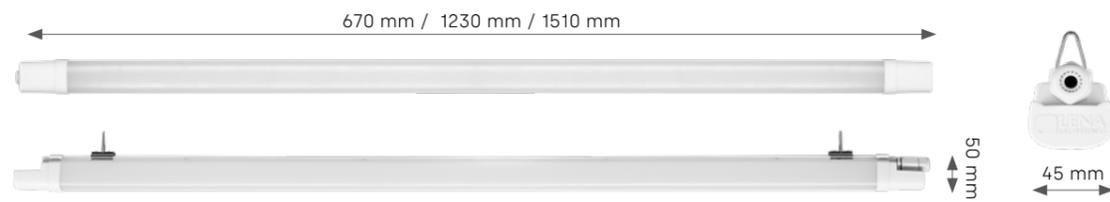
This is due to the reduction in electricity consumption by 51% and minimisation of luminaire servicing costs (e.g. replacement of traditional sources), made possible through fitting the LEDs with modern LED light modules, characterised by a long-lasting period of operation. Moreover, the negative impact on the environment was reduced. CO₂ emissions decreased by almost 10 thousand kg per year, i.e. by 51%.

Basic assumptions:

The luminaire's lighting time is 24 hours a day; energy cost 1 kWh = PLN 1.20.

Available versions

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]	Diffuser type	Dimensions (L/W/H) [mm]	Through wiring	EEL	Index
Mimo 2 LED							
13	3000	1900	MATT	670/45/50	-	D	100741
13	4000	2050	MATT	670/45/50	-	D	100727
13	3000	1900	MATT	670/45/50	LS2	D	100758
13	4000	2050	MATT	670/45/50	LS2	D	100734
23	4000	3600	MATT	1230/45/50	-	C	100864
23	3000	3350	MATT	1230/45/50	LS2	C	100819
23	4000	3600	MATT	1230/45/50	LS2	C	100888
30	3000	4650	MATT	1510/45/50	-	C	100802
30	3000	4650	MATT	1510/45/50	LS2	C	100826
30	4000	5000	MATT	1510/45/50	LS2	C	100895
Mimo 2 LED Basic							
13	4000	1650	MATT	670/45/50		E	100765
27	4000	3600	MATT	1230/45/50		D	100840
33	4000	4550	MATT	1510/45/50		D	100857



CE | All our products meet the requirements of the European Union's declaration

Luminaire parameters are given with tolerance permitted by the standard. The manufacturer reserves the right to change the parameters of the product not for the worse, in the course of its improvement, and to make design changes or upgrade the product. Materials presented in the booklet are not a commercial offer. The complete, current offer of Lena Lighting along with current parameters can be found at www.lenalighting.pl.

Date of publication: 09.2023



Application of the Mimo 2 LED luminaire in a warehouse hall.



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