



Electrostart
STARTS UP THE LIGHT

EDITION 1
PRODUCT
CATALOGUE



ENERGY AUDIT SERVICES

applicable for offices, schools, industrial and manufacturing plants, warehouses, hospitals, shopping centres and many others

2024

LED'S START UP THE LIGHT



Electrostart is a recognizable brand and leader in the changing lighting business. Although times of transition are difficult, our new mission and vision for the future are our motivator for development and will lay the foundations of the new history of Electrostart.

We believe that success is about being flexible and changing according to the requirements of our clients and partners, we believe in our values and respect the established traditions.

We are taking steps towards a change and a new future by adopting a new mission and vision for the company. Each one of us is a part of this future and we will work together to build a stable and developing company.

ELECTROSTART NOW Production has been modernized with new production lines, which allow the deployment of production capabilities and the expansion of our product range.

MISSION Our mission is to give light for a better and more healthy life.

Driven by the global development of technologies and in close collaboration with our partners, we create, produce, and deliver competitive, high-quality, sustainable lighting products and services.

VISION At Electrostart JSCo, we are determined to make modern lighting technologies accessible to everyone.

With generations of experience and worldwide recognition for more than 55 years, we produce high-quality and efficient lighting products with the “Electrostart” brand.

We strive to expand our global presence by offering efficient LED solutions and intelligent light management.

Our vision for achieving success is expressed in continuous development and applying standards for environmental sustainability, high professionalism, corporate integrity, and transparency in our actions.

Through our activities, we contribute to the general well-being, to the development of our employees, and to the socio-economic progress of the region and Bulgaria.

*Innovation is the flame that lights the way for business,
revealing new opportunities.*

SHORT STORY

Electrostart JSCo is a company established in 1967 in Varshets. From 2017 until now, the company has focused on the production of ready-made lighting solutions.

Driven by the global development of technologies and in close collaboration with our partners, we create, produce, and deliver competitive, high-quality, sustainable lighting products and services.

The company has a reputation as a high quality manufacturer in markets in more than 40 countries.

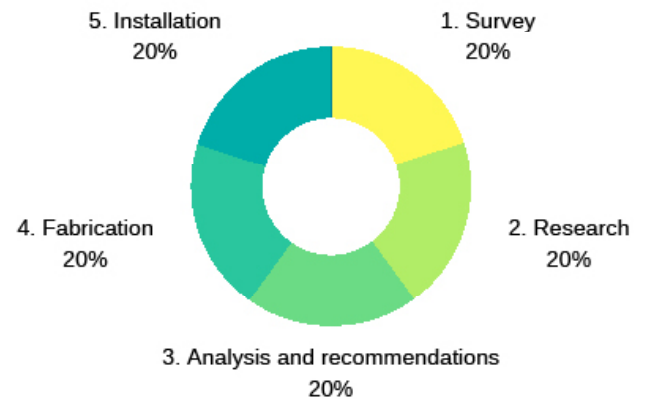


Fig. 1 Closed cycle on 5 levels

ENERGY AUDIT

Energy Audit is an energy efficient solution in the field of lighting. Electrostart recommends the service to its customers, as it has a positive effect on the quality of work, productivity and the company's image.

Energy Audit service reduces electricity consumption, and Electrostart also provides up to 5 years warranty and maintenance under normal exploitation conditions. In this way, the investment for new LED lighting produced by Electrostart can be refund in a short period of time, accompanied by long-term exploitation.

Representatives of Electrostart visit on-place production plants, office buildings, buildings of public importance and others throughout the whole country. They analyze existing lighting luminaires and the available electrical network and after that offering replacement with new, modern and energy efficient LED lighting fixtures manufactured by Electrostart JSCo. For already completed projects there is a refund on investment for 1-2 years, for production and storage facilities.

In the work process our team uses specialized software for precise calculations and visualizations in 3D model. The analysis are in accordance with all requirements for lighting standards and norms, as well as lighting fixtures for the needs and specifics of the site.

Electrostart can offer flexible financing solutions that can be adapted to your individual needs.

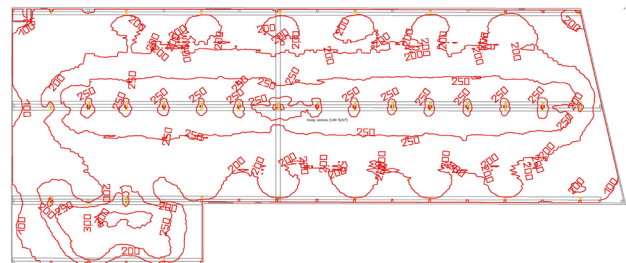


Fig. 2 Project for lighting of a production plant



Fig. 3 Products manufactured trostart JSCo

LIGHTING DESIGN

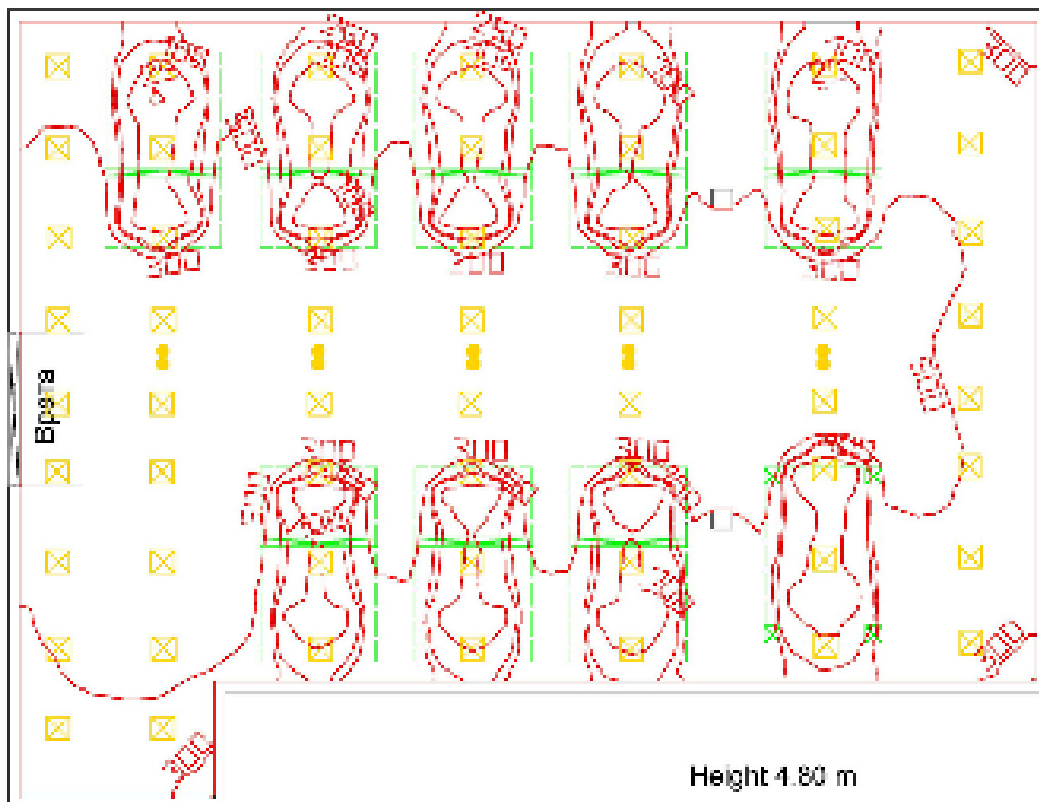
Electrostart JSCo offers its customers lighting design with specialized software. With the help of the program it is possible to create a 3D model with simulations, visualizations and analyzes. In this way, the analyzes prepared for new lighting are as objective as possible and correspond to the working conditions in a real environment. This type of calculation is accurate and reliable, as the project is made in real sizes, and the lighting fixtures can be located in the exact location.

During the preparation of the project all requirements to the European standards and norms for illumination are taken into account, as well as the lighting fixtures are taken into account, to the needs and specifics of the different types of objects. The necessary lighting, power, hours of work per day in a specific room and days of the year are also taken into account.



ADVANTAGES OF LIGHTING SOFTWARE DESIGN

- Precise light analysis
- Opportunity for visual presentation of the future projects - 3D
- Innovative design approach
- Professional lighting design software



LIGHTING DESIGN

Step 1: The following initial data are required for the preparation of a detailed light analysis:

- Exact dimensions of buildings and rooms
- Height of rooms, heights of crane axles (if any), location of columns and load-bearing walls
- Height of design or existing lighting.
- Arrangement of doors and windows

If there is a drawing in **“dwg”** format, the rooms and buildings can be drawn using the drawing as a background.



Fig. 1 Design of a room

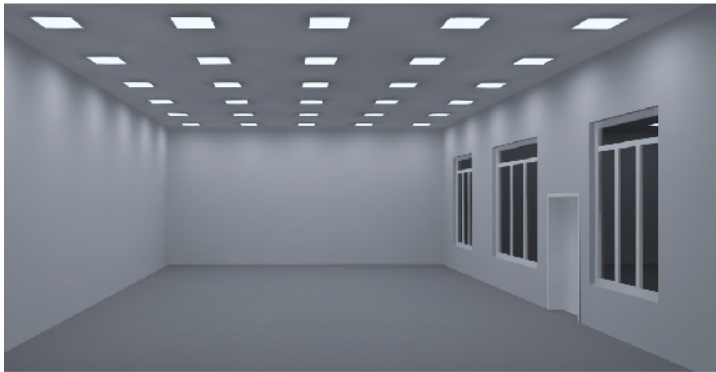


Fig. 2 Positioning of lighting fixtures

Step 2: After the design of the building and the rooms, it is necessary to position the lighting fixtures at the required height.

The positioning of the luminaires depends on the previously submitted information on the project, as well as on the existing electrical network.

In the design, the lighting takes into account the specifics of the site and the needs of the client.

Step 3: Starting the simulation and extracting the information.

When preparing the analyzes, the team of Electrostart JSCo estimate whether it is necessary to add or remove lighting fixtures in order to achieve the necessary illumination in the premises. Files of the lighting fixtures delivered and installed by Electrostart JSCo are used.

The advantage of this method is the possibility for the analyzes to be as similar and objective as possible with the needs and expectations of the clients.

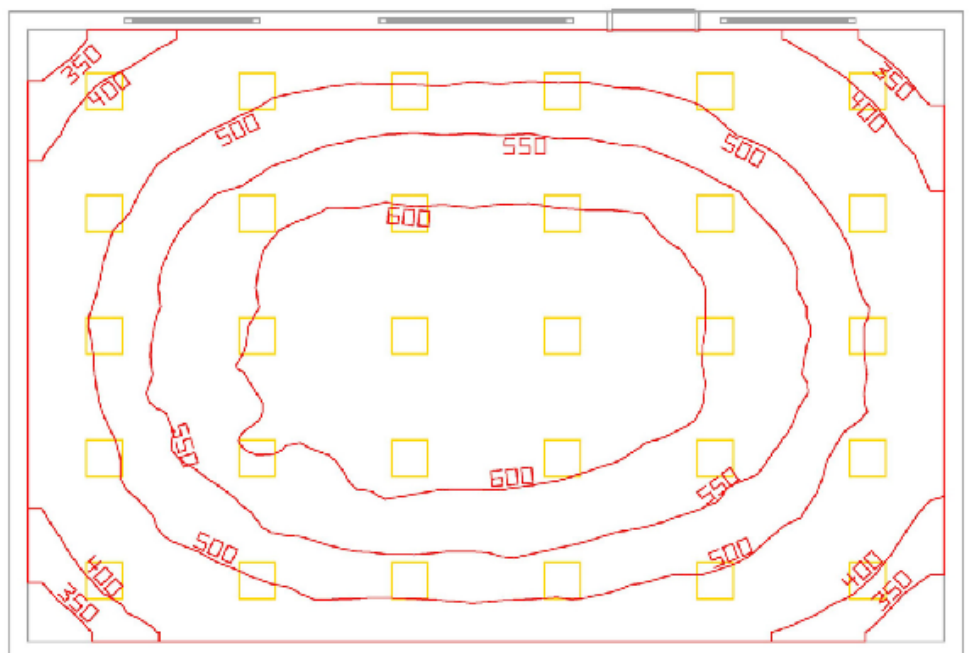


Fig. 3 Analysis of the lighting

LIGHTING DESIGN

Manufacturing plants

Electrostart JSCo has a team of highly qualified specialists who integrate and develop lighting projects of specialized software for industrial and manufacturing enterprises.

Through the lighting software, all lighting fixtures are positioned in the necessary places in relation to the available electrical network (if there is not available electrical network, Electrostart also offers and construction). The new LED lighting can be installed according to the customer's lighting needs. If in certain sections of the production rooms there are non-working machines or sections in which light is not needed, it is not necessary to install new lighting. If there is a need for better lighting for a specific room, additional luminaires are positioned in the project.

Lighting projects are designed according to customer needs and requirements. When designing the type of production plant, we observe all European standards and norms for lighting.

Electrostart JSCo has its own lighting files of all lighting fixtures that it offers and produces. If there are other luminaires that the customer wishes to keep in place, we use necessary files for this purpose.

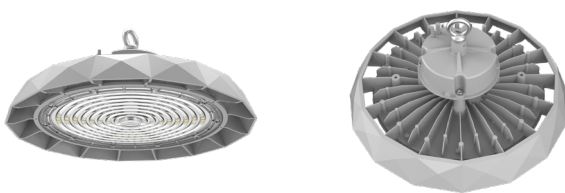


Fig. 3 LED UFO Professional - lighting fixture used in the design of light analysis

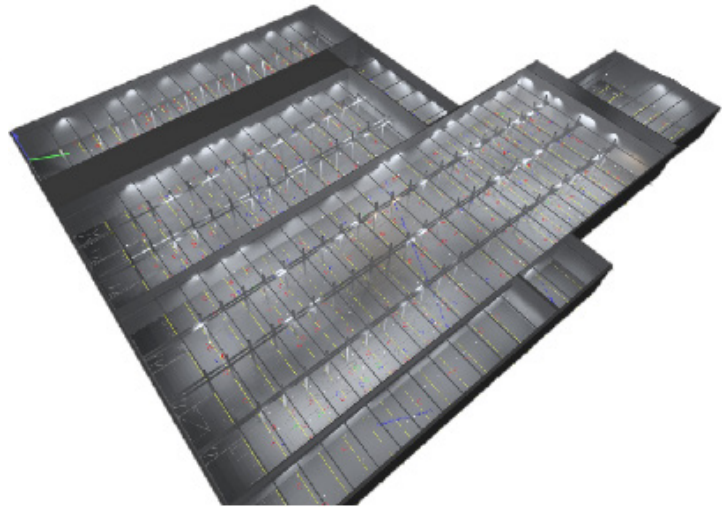


Fig. 1 Overall view of production enterprise - lighting project



Fig. 2 Lighting project of a production plant - photo location of lighting fixtures

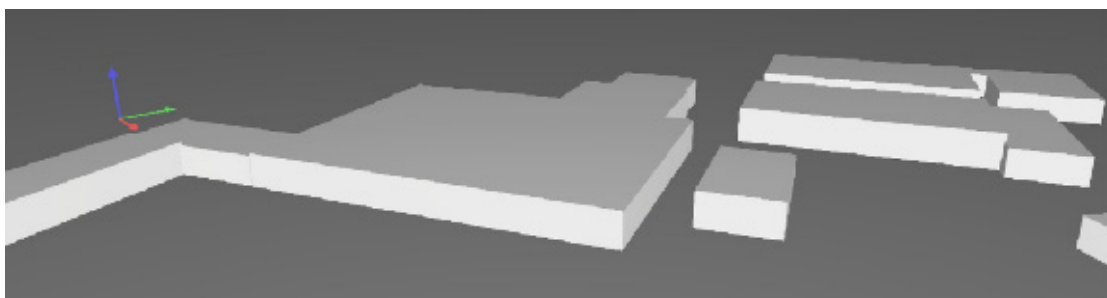


Fig. 4 3D model of the production base

FIVE REASONS WHY YOU SHOULD SWITCH TO ENERGY EFFICIENT LIGHTING



1. Cutting your energy use makes sense. As energy costs go up, so do your overheads. Electrostart JSCo provides the better light quality at a much lower energy cost, meaning savings now, and in the future.
2. While many energy-saving lighting systems require significant investment in adapting fixtures, Electrostart JSCo offers a range of easy-to-install, energy-efficient solutions.
3. High environmental standards are good for business. Consumers like them, and the government likes them. Internationally, investors are concerned and are much more likely to put money into green companies. As industry standards rise, it makes good business sense to upgrade your systems now.
4. All investors and managers of companies and enterprises want to see lower overhead costs.
5. Switching to energy-efficient lighting will quickly show a return on investment, reducing costs throughout the building. Electrostart JSCo offers complete lighting solutions to meet your business needs and achieve even greater savings.

THE CHANGES ARE VISIBLE

The impact and the climate change because of CO₂ emissions is a priority for all. Growing legislation on the use of lighting in industrial environments is putting even more pressure on organizations to switch to LED technology and green energy. Electrostart JSCo can offer you highly efficient technologies that reduce costs, not quality.

ENERGY AUDIT - ECONOMIC EFFECTS

The "Energy Audit" reduces consumption and electricity costs, and the lighting in the various rooms increases many times over. This is achieved by replacing the inefficient conventional lighting and installing new LED lighting manufactured by Electrostart JSCo. The above factors are a prerequisite for the return on investment in a short period of time, and lighting fixtures have a warranty of up to 5 years and do not require maintenance.

Light Energy Audit - shopping malls and underground car parks - economic effects and benefits.

The main purpose of the energy audit for this type of users is:

- Realization of energy savings and multiple improvement of illumination.

Lighting with LED Tri-Proof

- LED linear luminaire with lower consumption and electricity costs - no losses..
- Multiple increase in brightness compared to conventional luminaires that use tubes..
- Long service life without costs for replacement and additional maintenance.

LED lighting - advantages

- Increase of illumination in the premises by at least **10%**.
- With LED Tri-Proof electricity costs are reduced - savings of at least **40%** or savings per month - **1560,38 BGN**.
- Return on investment within **1-2 years**. Generated funds from savings in the period of the given guarantee of 5 years - **BGN33,625.00**. Secondary effect - saved funds for replacement of conventional or LED cigars..



Light Energy Audit - production, logistics and storage facilities - economic effects and benefits.

A production company partner of Electrostart JSCo has decided to replace the inefficient conventional lighting in its over 18 production premises. The decision takes into account the following economic effects and advantages of the service.

The main purpose of the energy audit for this type of users is:

Realization of energy savings and improvement of the lighting in the premises.

Lighting with LED UFO Professional

- Lower consumption and electricity cost - no losses.
- Repeatedly increased illuminance compared to mercury bells with bulbs.
- Long service life without cost for replacement and additional maintenance.

LED Lighting - advantages

- Increase of the illumination in the premises by at least **15%**.
- With the LED UFO Professional bells the electricity costs are reduced - savings of **67%** or savings per month - **BGN 5 757.85**.
- Return on investment within **1 - 2 years**. Generated funds from savings in the period of the given guarantee of 5 years amount to **BGN 258 107.00**.



Light Energy Audit - offices, schools, universities and administrative buildings - economic effects and benefits.

Partner School of Electrostart JSCo replaced the entire available inefficient conventional indoor and outdoor lighting throughout the building. The decision took into account the following economic effects and advantages of the service:

The main purpose of the energy audit for this type of users is:

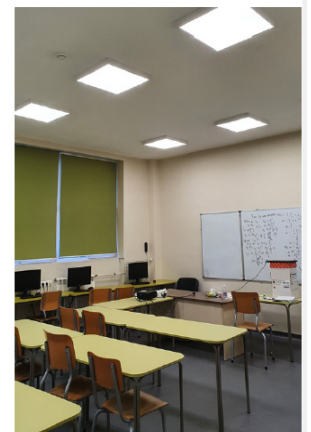
- Increase the brightness by up to 100% and realize energy savings

Lighting with LED - advantages

- Lower consumption and electricity cost - no losses.
- Repeatedly increased illuminance compared to mercury lamps.
- Long service life without cost for replacement and additional maintenance.

Saving and advantages

- Increase of the light flux in the premises by **71%**.
- With LED luminaires, electricity costs are reduced and savings of up to **60%**.
- Return on investment for new lighting within **2 - 3 years**.



The use of new LED technologies by each company helps to realize a green deal. Thanks to LED lighting, electricity consumption is lower. In this way it contributes to the reduction of greenhouse gas emissions on a global scale, as well as to the reduction of the costs of the Republic of Bulgaria for CO₂ emissions.

COMPLETED PROJECT - THE PRODUCTION BUILDING OF ELECTROSTART JSCo

Electrostart JSCo offers quality and reliable solutions in the field of energy efficiency. The Energy Audit service has been successfully implemented and fully implemented in our production base in the town of Varshets. Electrostart JSCo offers energy solutions, which it also applies for the realization of its own goals, namely to reduce the costs for electricity, to increase the lighting in all premises and to realize a green deal and to limit the release of carbon dioxide into the atmosphere.

The replaced LED lighting increases the illumination of the entire enterprise. In terms of indicators, the lighting meets all European requirements, standards and norms for lighting. The lighting fixtures produced by Electrostart JSCo are economical and efficient, and the better lighting that is achieved contributes to a healthy working environment, productivity and the image of our company. A total of 616 units have been replaced conventional lighting fixtures.

The new LED lighting significantly reduces consumption and electricity costs as savings amount to 64% or savings per month - BGN 1301.49. These indicators also contribute to the short return on investment within 1 year and 8 months.

Before

USED LED LIGHTING

- LED Tri-Proof
- LED UFO Professional
- LED Edge
- LED Arrow
- LED Glow Professional

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity



Old conventional lighting in the production premises

After



New lighting in the production premises



COMPLETED PROJECT - ENTERPRISE

The team of Electrostart JSCo completed its first project in the field of Energy Efficiency. Company **Ecotech Product Ltd.** trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting with new LED lighting. The replacement of the lighting is in order to increase the lighting in the three administrative floors, the storage room, the service room and the surrounding buildings and sites. The LED lighting delivered and installed by Electrostart JSCo is economical and efficient, it will reduce the costs for electricity and will increase the productivity of the work performed. The installed luminaires are a total of 200, and the project is completed in 5 calendar days, the replacement of each luminaire is about 15-20 minutes.

USED LED LIGHTING

- LED Tri-Proof
- LED Edge
- LED Arrow
- LED Flood

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

Before*Old conventional lighting in the production premises**After**New lighting in the premises*

COMPLETED PROJECT - HIGH SCHOOL

The team of Electrostart JSCo completed a project in the field of energy efficiency. 19 High school "Elin Pelin" in town of Sofia trusted the professionalism of Electrostart for the replacement of existing inefficient conventional lighting with new LED lighting. The replaced LED lighting increased many times the brightness in the five administrative floors, the ground floor, as well as in the offices and classrooms. The lighting supplied and installed by Electrostart JSCo is economical and efficient, and the improved lighting contributes to the healthy working environment, productive training and the reputation of the school. The installed lighting fixtures are a total of 519, and the project is completed on time. The lighting in the rooms has been significantly improved, with an increase in the luminous flux by 71 % compared to the old inefficient lighting. Thanks to LED lighting consumption and electricity costs are reduced by 7 %.

USED LED LIGHTING

- LED UFO Professional
- Round Panel
- LED Edge
- LED Tri-proof

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the reputation and the learning atmosphere

Before*Old conventional lighting in the premises**After**New lighting in the premises*

COMPLETED PROJECT - WAREHOUSE

The team of Electrostart JSCo prepared and completed a overall project for commissioning of LED lighting in the new built warehouse of "Mayak M" JSCo in town of Ruse. "Mayak M" JSCo trusted the professionalism of Electrostart for the delivery and the complete equipment with LED lighting. LED lighting provides excellent lighting to meet the needs of the warehouse. Compared to the set indicators, the lighting in "Mayak M" JSCo meets all European requirements and standards for lighting for the specific type of the room. The luminaires supplied and installed by Electrostart JSCo is economical and efficient, and the excellent lighting contributes to the healthy working environment, productivity and the reputation of "Mayak M" JSCo. The installed LED lighting fixtures are a total of 63, and the project is completed on time. With LED lighting the company achieved low costs for electricity and excellent lighting in the storage room. These indicators contribute to the short return on investment, because there is no need for maintenance and replacement for the entire period of the warranty.

Before

USED LED LIGHTING

- LED UFO Professional

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

*Old conventional lighting in warehouses**After**New lighting in warehouses*

COMPLETED PROJECT - ENTERPRISE

The team of Electrostart JSCo has completed a overall project in the field of Energy Efficiency in town of Ruse. The production company "Sparky" JSCo trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting, with new LED lighting supplied by Electrostart. The replaced LED lighting increases the illumination in the production premises on the territory of the whole enterprise. Compared to the set indicators, the lighting in Sparky JSCo meets all European requirements and lighting standards for the specific type of the rooms. The luminaires supplied and installed by Electrostart JSCo is economical and efficient, and the improved lighting contributes to the healthy working environment, productivity and the reputation of Sparky JSCo. The installed LED lighting fixtures are a total of **617**, and the project is completed on time. Thanks to LED lighting, electricity consumption and costs are significantly reduced and the savings amount to **68%** or savings per month of **BGN 5,757.85**. These indicators contribute to the short return on investment within **1 year and 3 months**. The funds generated from savings in the period of the given warranty of **5 years** amount to **BGN 258 107.00**.

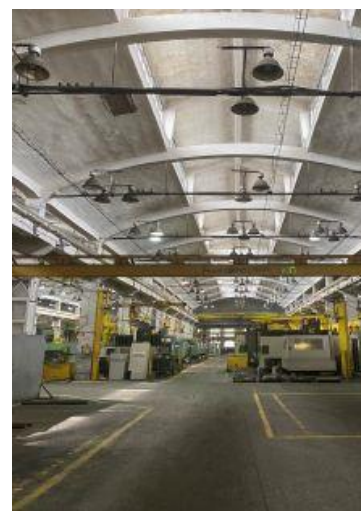
Before

USED LED LIGHTING

- LED UFO Professional

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

*Old conventional lighting in the production premises**After**New lighting in the production premises*

COMPLETED PROJECT - ENTERPRISE

The team of "Electrostart" JSCo completed a comprehensive project in the field of energy efficiency in the city of Sofia. The production enterprise "Omega" LTD trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting, with new LED lighting supplied by Elektrostart. The replaced LED lighting increases the illumination in the production rooms throughout the enterprise. According to the set indicators, the lighting in "Omega" LTD meets all European requirements and standards for lighting for the specific type of premises. The lighting supplied and installed by "Electrostart" LTD is economical and efficient, and the improved lighting contributes to the healthy working environment, productivity and image of "Omega" LTD. The installed LED lighting fixtures are a total of **330 pcs**. Thanks to the LED lighting, electricity costs are significantly reduced, with savings amounting to 77% or savings per month in the amount of **BGN 2,783.09**.

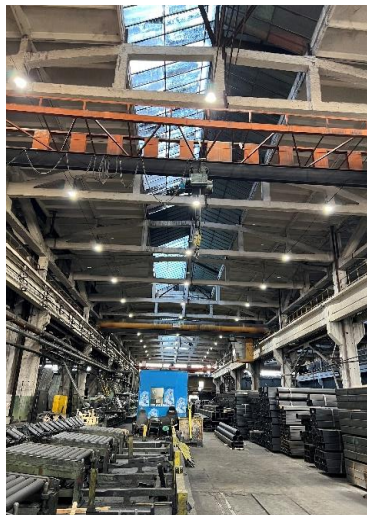
Before

USED LED LIGHTING

- LED UFO Professional

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

*Old conventional lighting in the production premises**After**New lighting in the production premises*

COMPLETED PROJECT - ENTERPRISE

The team of "Electrostart" JSCo completed a comprehensive project in the field of energy efficiency in the city of Stara Zagora. The production enterprise "Evrikom" LTD trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting with new LED lighting supplied by Electrostart. The replaced LED lighting increases the illumination in the production rooms throughout the enterprise. According to the established indicators, the lighting in "Evrikom" LTD meets all European requirements and standards for lighting for the specific type of premises. The lighting supplied and installed by "Electrostart" JSCo is economical and efficient, and the improved lighting contributes to the healthy working environment, productivity and image of "Evrikom" LTD. The installed LED lighting fixtures are a total of **177 pcs**. Thanks to LED lighting, electricity costs are significantly reduced, with savings amounting to 56% or savings per month in the amount of **BGN 494.70**.

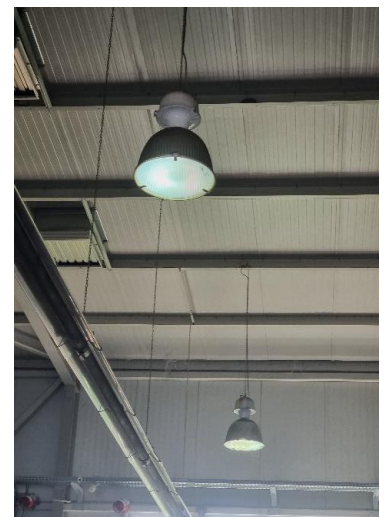
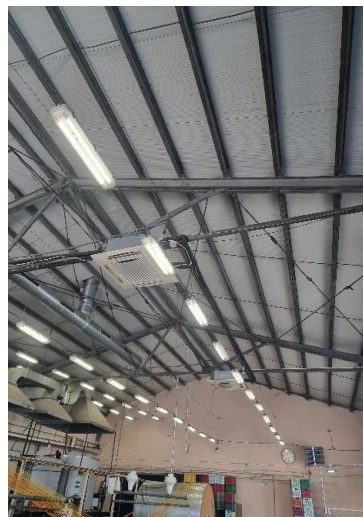
Before

USED LED LIGHTING

- LED UFO Professional
- LED Tri-Proof

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

*Old conventional lighting in the production premises**After**New lighting in the production premises*

COMPLETED PROJECT - ENTERPRISE

The team of "Electrostart" JSCo completed a comprehensive project in the field of energy efficiency in the town of Breznik. The production enterprise "Kostadinov Engineering" LTD trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting with new LED lighting supplied by Electrostart. The replaced LED lighting increases the illumination in the production rooms throughout the enterprise. According to the set indicators, the lighting in "Kostadinov Engineering" LTD meets all European requirements and standards for lighting for the specific type of premises. The lighting supplied and installed by "Electrostart" LTD is economical and efficient, and the improved lighting contributes to the healthy working environment, productivity and image of "Kostadinov Engineering" LTD. The installed LED lighting fixtures are a total of 33 pcs.

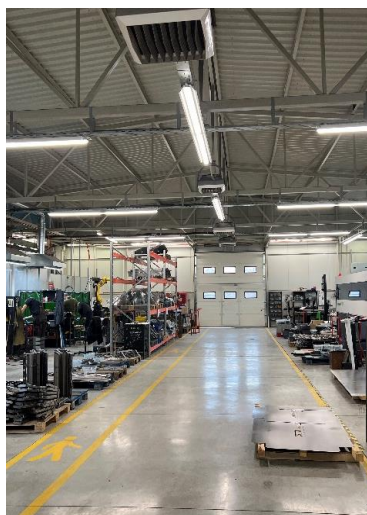
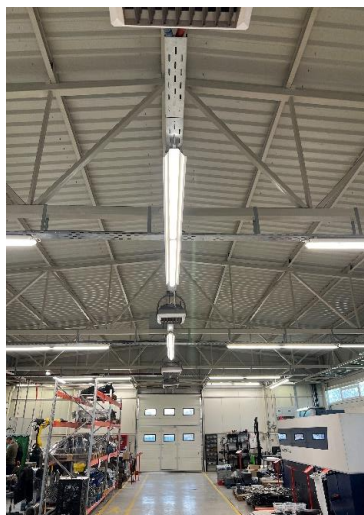
Before

USED LED LIGHTING

- LED Tri-Proof

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

*Old conventional lighting in the production premises**After**New lighting in the production premises*

COMPLETED PROJECT - ENTERPRISE

The team of "Electrostart" JSCo completed a comprehensive project in the field of energy efficiency in the city of Pazardzhik. The production enterprise "Podemstroydash Invest" Ltd trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting with new LED lighting supplied by Electrostart. The replaced LED lighting increases the illumination in the production rooms throughout the enterprise. According to the set indicators, the lighting in "Podemstroydash Invest" Ltd meets all European requirements and standards for lighting for the specific type of premises. The lighting delivered and installed by "Electrostart" JSCo is economical and efficient, and the improved lighting contributes to the healthy working environment, productivity and image of "Podemstroydash Invest" Ltd. The installed LED lighting fixtures are a total of **460 pcs**. Thanks to the LED lighting, electricity costs are significantly reduced, with savings amounting to 71% or savings per month in the amount of **BGN 3,464.98**.

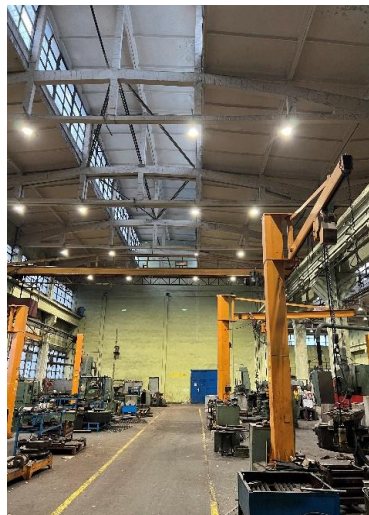
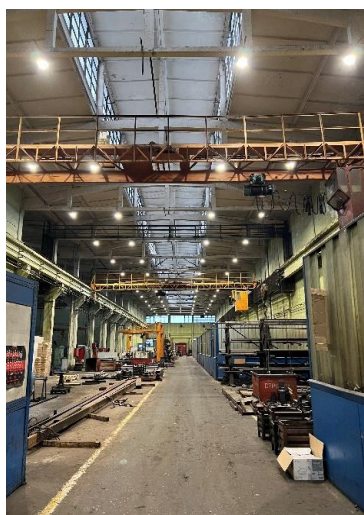
Before

USED LED LIGHTING

- LED UFO Professional
- LED Street Balance
- LED Edge

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

*Old conventional lighting in the production premises**After**New lighting in the production premises*

COMPLETED PROJECT - ENTERPRISE

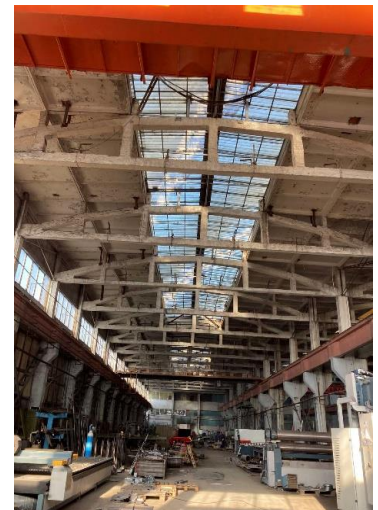
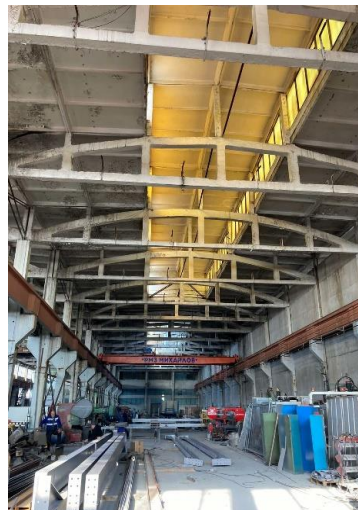
The team of "Electrostart" JSCo completed a comprehensive project in the field of energy efficiency in the city of Vratsa. The manufacturing enterprise "RMZ Mihailov" LTD trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting with new LED lighting supplied by Electrostart. The replaced LED lighting increases the illumination in the production rooms throughout the enterprise. According to the established indicators, the lighting in "RMZ Mihailov" LTD meets all European requirements and standards for lighting for the specific type of premises. The lighting delivered and installed by "Electrostart" JSCo is economical and efficient, and the improved lighting contributes to a healthy working environment, productivity and image of "RMZ Mihailov" LTD. The installed LED lighting fixtures are a total of 120 pcs.

USED LED LIGHTING

- LED UFO Professional

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

Before*After*

COMPLETED PROJECT - UNIVERSITY

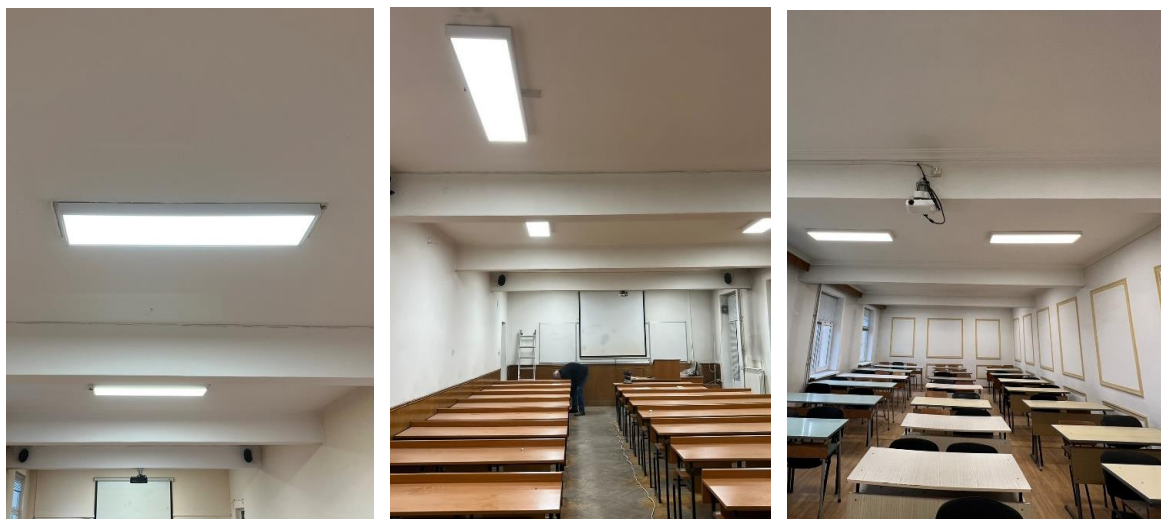
The team of "Electrostart" JSCo completed a comprehensive project in the field of energy efficiency in the city of Sofia. Sofia University "St. Kliment Ohridski" - Faculty of Philosophy trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting, with new LED lighting supplied by Electrostart. The replaced LED lighting increases the illumination in the rooms on the territory of the faculty. According to the set indicators, the lighting in the Faculty of Philosophy meets all European requirements and lighting standards for the specific type of premises. The lighting supplied and installed by "Electrostart" JSCo is economical and efficient, and the improved lighting contributes to a healthy learning environment, productivity and image of the university. The installed LED lighting fixtures are a total of 35 pcs.

USED LED LIGHTING

- LED Glow Economy

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

Before*Old conventional lighting in the premises**After**New lighting in the premises*

COMPLETED PROJECT - ENTERPRISE

The team of "Electrostart" JSCo completed a comprehensive project in the field of energy efficiency in the town of Ihtiman. The production enterprise "Bilka Lifestyle" LTD trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting with new LED lighting supplied by Electrostart. The replaced LED lighting increases the illumination in the production rooms throughout the enterprise. According to the set indicators, the lighting in "Bilka Lifestyle" LTD meets all European requirements and standards for lighting for the specific type of premises. The lighting supplied and installed by "Electrostart" JSCo is economical and efficient, and the improved lighting contributes to the healthy working environment, productivity and image of "Bilka Lifestyle" LTD. The installed LED lighting fixtures are a total of 120 pcs.

Before

USED LED LIGHTING

- LED Tri-Proof
- LED Street Balance

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

*Old conventional lighting in the production premises**After**New lighting in the production premises*

COMPLETED PROJECT – SCHOOL

The team of Electrostart JSCo completed a project in the field of Energy Efficiency. 122 "Nikolay Liliev" primary school in Sofia trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting with new LED lighting. The replaced LED lighting repeatedly increases the illumination of the 3 administrative floors, the ground floor, as well as in the offices and classrooms. The lighting supplied and installed by Electrostart JSCo is economical and efficient. Improved lighting contributes to a healthy working environment, productive learning and the image of the school. There are a total of 282 light fixtures installed. The project was completed on time. Indoor lighting has been significantly improved with a 37% increase in luminous flux compared to conventional lighting. Thanks to LED lighting electricity consumption and costs are reduced by 60%.

USED LED LIGHTING

- LED Tri-Proof
- LED Glow Economy
- LED Arrow

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

BEFORE

*Old conventional lighting in the production premises*

AFTER

*New lighting in the production premises*

COMPLETED PROJECT – STORE

The team of "Electrostart" JSCo completed a comprehensive project in the field of energy efficiency in the city of Sofia. "Baby Life Malechko" store trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting with new **LED lighting** supplied by Electrostart. The replaced LED lighting increases the illumination in the company's office premises. According to the set indicators, the lighting in "Baby Life Malechko" meets all European requirements and lighting standards for the specific type of premises. The lighting supplied and installed by "Electrostart" JSCo is economical and efficient, and the improved lighting contributes to a healthy working environment, productivity and image of the store. The installed LED lighting fixtures are a total of **189 pcs**. Thanks to LED lighting, electricity costs are significantly reduced, with savings amounting to **59%** or savings per month in the amount of BGN 636.06. These indicators contribute to the short return on investment within 1 year. The funds generated from savings during the 5-year grant period amount to BGN **38,163.60**.

BEFORE

USED LED LIGHTING

- LED Edge
- LED Flood
- LED Arrow

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

*Old conventional lighting in the production premises*

AFTER

*New lighting in the production premises*

COMPLETED PROJECT - WAREHOUSE

The team of "Electrostart" JSCo completed a comprehensive project in the field of energy efficiency in the city of Sofia. **Agro Kom 2022** trusted the professionalism of Electrostart to replace the existing inefficient conventional lighting with new LED lighting supplied by Electrostart. The new LED lighting increases the lighting in the warehouses. According to the set indicators, the lighting in the warehouse meets all European requirements and standards for lighting for the specific type of premises. The lighting supplied and installed by "Electrostart" JSCo is economical and efficient, and the improved lighting contributes to a healthy working environment, productivity and the image of the user. The installed LED lighting fixtures are a total of 50 pcs. (33 pcs. in the warehouses and 17 pcs. in the premises of the administration). Thanks to the new LED lighting, the illumination is significantly improved, achieving significantly better energy efficiency.

USED LED LIGHTING

- LED Edge
- LED Flood
- LED Arrow

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

BEFORE

*Old conventional lighting in the warehouses*

AFTER

*New lighting in the warehouses*

COMPLETED PROJECT - ENTERPRISE

The team of "Electrostart" JSCo completed a overall project in the field of Energy Efficiency in the city of Saedinenie. The production enterprise "Gotmar" Ltd trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting, with new LED lighting manufactured and supplied by Electrostart. The replaced LED lighting increases the illumination in the production rooms throughout the enterprise. According to the established indicators, the lighting at "Gotmar" Ltd. meets all European requirements and standards for lighting for the specific type of premises. The lighting supplied and installed by "Electrostart" JSCo is economical and efficient, and the improved lighting contributes to the healthy working environment, productivity and image of "Gotmar" Ltd. The installed LED lighting fixtures are a total of **302 pcs.** Thanks to LED lighting, electricity costs are significantly reduced, with savings amounting to **60%** or savings per month in the amount of **BGN 4 838.15.** These indicators contribute to the short return on investment within 6 months. The funds generated from savings during the **5-year** warranty period amount to **BGN 270 160.00.**

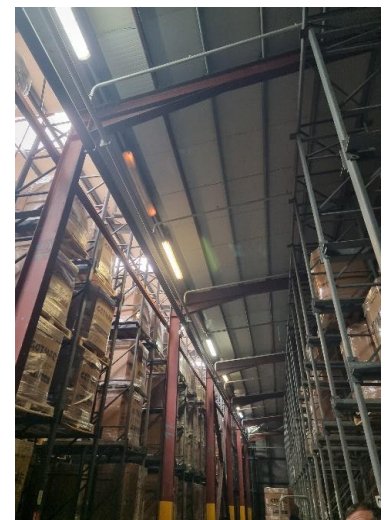
BEFORE

USED LED LIGHTING

- LED Tri-Proof LED Glow Economy
- LED UFO

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

*Old conventional lighting in the production premises*

AFTER

*New lighting in the production premises*

COMPLETED PROJECT - ENTERPRISE

The team of "Electrostart" JSCo completed a comprehensive project in the field of Energy Efficiency in the city of Sofia. The company "Nobel Pharma" Ltd trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting with new LED lighting supplied by Electrostart. The replaced LED lighting increases the illumination in the company's office premises. According to the set indicators, the lighting in "Nobel Pharma" Ltd. meets all European requirements and standards for lighting for the specific type of premises. The lighting supplied and installed by "Electrostart" Ltd is economical and efficient, and the improved lighting contributes to the healthy working environment, productivity and image of "Nobel Pharma" Ltd. The installed LED lighting fixtures are a total of **82 pcs**. Thanks to LED lighting, electricity costs are significantly reduced, with savings amounting to **60 %** or savings per month in the amount of **BGN 333.43**. These indicators contribute to the short return on investment within **1 year**. The funds generated from savings during the **5-year** warranty period amount to **BGN 15 996.40**.

BEFORE

USED LED LIGHTING

- LED Glow Economy

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.



Old conventional lighting in the premises

AFTER



New lighting in the premises



COMPLETED PROJECT - ENTERPRISE

The team of "Electrostart" JSCo completed a overall project in the field of Energy Efficiency in the city of Kula. The production company "RIS RUBBER BULGARIA" JSCo trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting with new modern and energy-efficient LED lighting manufactured and supplied by Electrostart.

The replaced LED lighting increases the illumination in the production rooms throughout the enterprise. According to the set indicators, the lighting in "RIS RUBBER BULGARIA" JSCo meets all European requirements and standards for lighting for the specific type of premises. The lighting supplied and installed by "Electrostart" JSCo is economical and efficient, and the improved lighting contributes to a healthy working environment, productivity and the image of the company.

The installed LED lighting fixtures are a total of **445 pieces**, and the project was completed on time. Thanks to the LED lighting, the consumption and costs of electricity are significantly reduced, with savings amounting to **58%** or savings per month in the amount of **BGN 5 305.53**. These indicators contribute to the short return on investment within **6 months**. The funds generated from savings during the 5-year

BEFORE

USED LED LIGHTING

- LED Tri-Proof

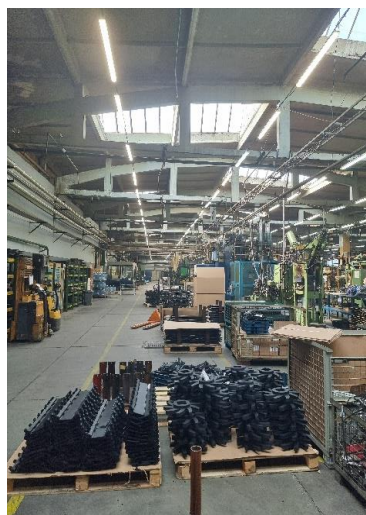
BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.



Old conventional lighting in the production premises

AFTER



New lighting in the production premises



COMPLETED PROJECT - SCHOOL

The team of Electrostart JSCo completed a project in the field of Energy Efficiency. Secondary school "Hristo Botev" in the city of Vratsa trusted the professionalism of Electrostart for the replacement of the existing inefficient conventional lighting with new LED lighting on the 1st floor of the emblematic building. The replaced LED lighting repeatedly increases the lighting in the gym, the ground floor, as well as in the offices and classrooms. The lighting supplied and installed by Electrostart JSCo is economical and efficient, and the improved lighting contributes to a healthy working environment, productive learning and the image of the school. There are a total of 118 light fixtures installed, and the project was completed on time. Indoor lighting has been significantly improved, with a 20% increase in light flux compared to the old inefficient lighting. Thanks to LED lighting, electricity consumption and costs are reduced by 68%.

BEFORE

USED LED LIGHTING

- LED Tri-Proof
- LED Glow Economy

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.



Old conventional lighting in the premises

AFTER



New lighting in the premises



COMPLETED PROJECT - ENTERPRISE

The team of "Electrostart" JSCo completed a overall project in the field of Energy Efficiency in the city of Pernik. The manufacturing company "Trelleborg Sealing Solutions Bulgaria" Ltd. trusted the professionalism of Electrostart to replace the existing inefficient conventional lighting with new modern and energy-efficient LED lighting manufactured by Electrostart. The new LED lighting increases the illumination in the production premises of the enterprise. According to the set indicators, the lighting meets all European requirements and standards for lighting for the specific type of premises. The lighting supplied and installed by "Electrostart" JSCo is economical and efficient, and the improved lighting contributes to a healthy working environment, productivity and the image of the company. The installed LED lighting fixtures are a total of **154 pcs**, and the project was completed on time. With LED lighting, the company significantly reduces electricity consumption and costs, with savings amounting to **64%**. These indicators contribute to the short return on investment within **4 months**. The generated free of savings during the warranty period of **5 years** can be allocated according to company priorities.

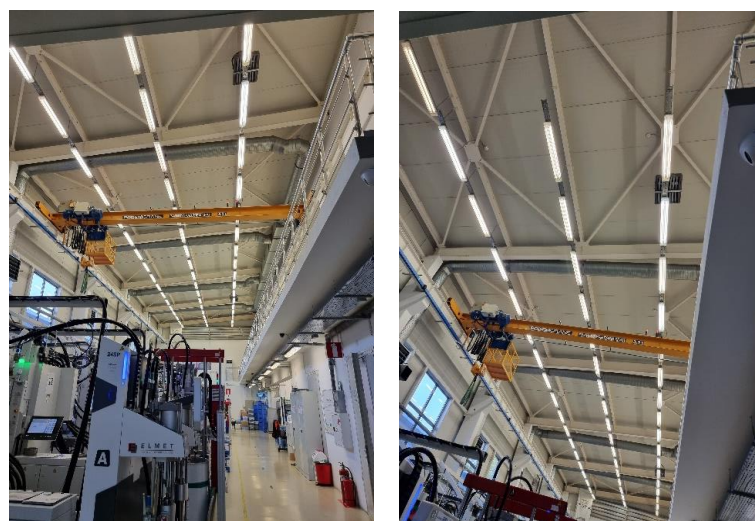
BEFORE

USED LED LIGHTING

- LED Tri-Proof

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

*Old conventional lighting in the production premises*

AFTER

*New lighting in the production premises*

COMPLETED PROJECT - WAREHOUSE

The team of Electrostart JSCo prepared and completed a overall project for commissioning of LED lighting in the new built warehouse of "Omega" Ltd in town of Sofia. "Omega" Ltd trusted the professionalism of Electrostart for the delivery and the complete equipment with LED lighting. LED lighting provides excellent lighting to meet the needs of the warehouse. Compared to the set indicators, the lighting in "Omega" Ltd meets all European requirements and standards for lighting for the specific type of the room. The luminaires supplied and installed by Electrostart JSCo is economical and efficient, and the excellent lighting contributes to the healthy working environment, productivity and the reputation of "Omega" Ltd. The installed LED lighting fixtures are a total of 28, and the project is completed on time. With LED lighting the company achieved low costs for electricity and excellent lighting in the storage room. These indicators contribute to the short return on investment, because there is no need for maintenance and replacement for the entire period of the warranty.

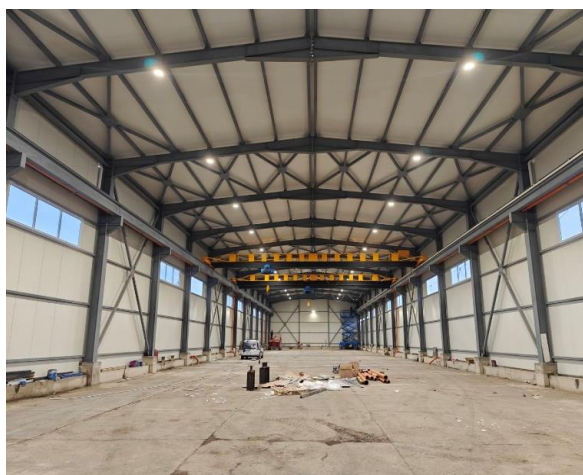
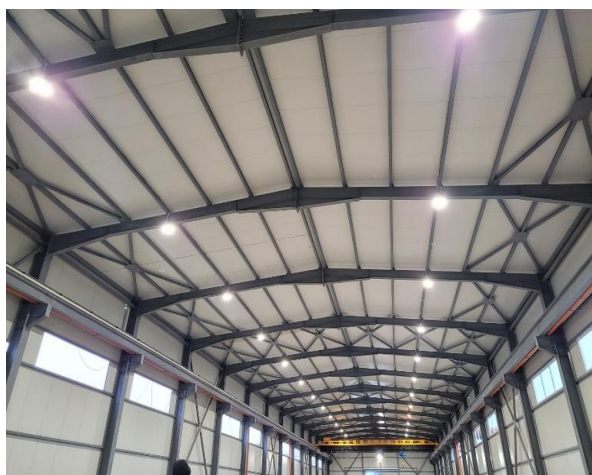
Before

USED LED LIGHTING

- LED UFO Professional

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

*After**New lighting in the warehouses*

COMPLETED PROJECT - WAREHOUSE

The team of Electrostart JSCo prepared and completed a overall project for commissioning of LED lighting in the new built warehouse of "MOKA ČAČAK" SERBIA. "MOKA ČAČAK" trusted the professionalism of Electrostart for the delivery and the complete equipment with LED lighting. LED lighting provides excellent lighting to meet the needs of the warehouse. Compared to the set indicators, the lighting in "MOKA ČAČAK" meets all European requirements and standards for lighting for the specific type of the room. The luminaires supplied and installed by Electrostart JSCo is economical and efficient, and the excellent lighting contributes to the healthy working environment, productivity and the reputation of "MOKA ČAČAK". The installed LED lighting fixtures are a total of 500, and the project is completed on time. With LED lighting the company achieved low costs for electricity and excellent lighting in the storage room. These indicators contribute to the short return on investment, because there is no need for maintenance and replacement for the entire period of the warranty.

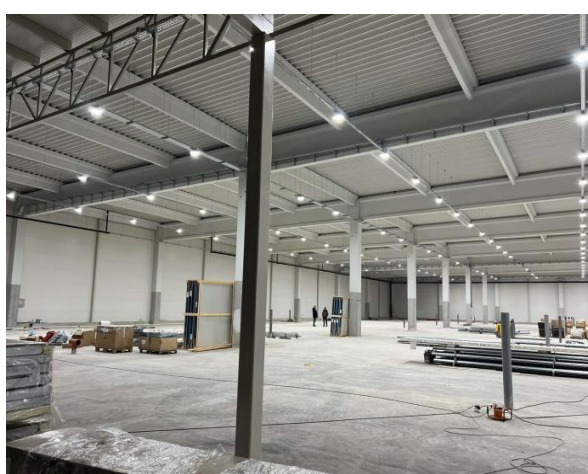
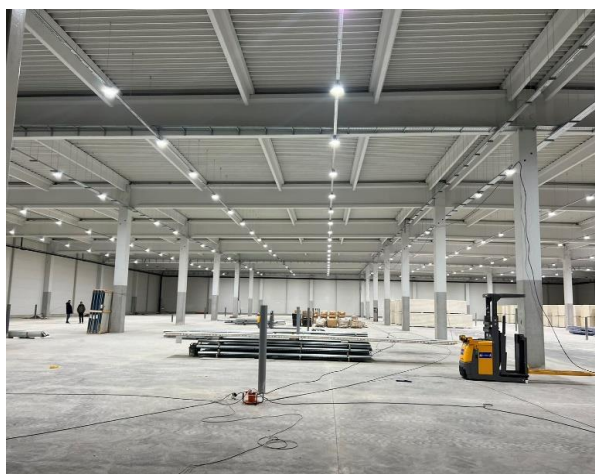
USED LED LIGHTING

- LED Tri-Proof
- LED UFO Professional
- LED Edge
- LED Arrow
- LED Glow Professional

BENEFITS OF THE SERVICE

- Multiple increase in illumination
- Savings starting from the moment of exploitation
- No maintenance or replacement of conventional and LED tubes every 2 years
- Warranty of the lighting luminaires for up to 5 years
- Improving the working environment and image, as well as increasing working capacity.

After



New lighting in the warehouses



ABOUT US

Electrostart JSCo is a company established in 1967.

Since 2017, the company has focused on the production of not only lighting components, but also ready-made lighting solutions.

Our mission is to give light for a better life.

With more than 50 years of experience, Electrostart combines constant development, ambition and desire for leadership in its business.

Guided by the global development of technology and in close cooperation with our customers, we create high quality and sustainable solutions in the field of lighting.

Electrostart is a reliable partner and applies the most modern technologies in business and its management.

The company has a reputation as a high quality manufacturer in markets in more than 40 countries.

The detailed technical specification of all LED luminaires offered by Electrostart JSCo can be viewed by clicking on the Electrostart logo or scanning the QR code with your smartphone.



www.electrostart.com

WARRANTY TERMS

These warranty terms apply to LED Luminaires and the installations, manufactured and mounted by Electrostart JSCo

- The warranty period starts from the date of acceptance of the site by the customer and is specified in the Act of acceptance, the contract or the invoice.
- With each sale of lighting luminaires, Electrostart JSCo undertakes to provide exploitation instructions for the respective type of lighting fixture.
- Repairs during the warranty period are carried out only after presentation of a copy of the Act of acceptance Protocol or invoice.

Warranty service might be denied in the following cases:

- In case of attempt for repair by unauthorized persons.
- In case of exploitation in unsuitable environment (high humidity, poor cooling, temperatures outside the ones described in the documentation, physical activity in case of possible replacement of the suspended ceilings, or parts of them).
- Damaged general appearance, broken or damaged plastic, mechanical damage.
- Defects caused after purchasing the products
- In case of damage as a result of contact with an outdoor unit (liquids, grease, limestone, dust to a large extent, insects, etc.), under the influence of an aggressive external environment or no basic care is taken for the product.
- In case of repairs or changes on the invoice or warranty card.
- Damages due to natural disasters, floods, fires, mechanical and electric shocks, high voltage electric discharges in the environment (lightnings), vibrations and others that would not occur during normal operation of the product.

With the present warranty terms, Electrostart JSCo is aiming to provide objective procedures for warranty service and maintenance of its products in the event of failure in their functioning.

e-mail: **warranty@electrostart.com**



Electrostart is an independent European manufacturer of fixtures and components for the lighting industry, established in 1967. Ever since providing the highest standards of products and customer service is the Electrostart's primary goal.

Today the company has a well-established supply chain in more than 40 countries world-wide. Our main focus for the future is to continue producing and developing high-value LED lighting fixtures and smart solutions for various applications - in interior, industrial, office, and other settings.. Also Electrostart offers LED Drivers, LED Modules and project based solution, apart from the long year conventional business of the company. All our products meet the latest design, reliability and energy-efficiency requirements. The lighting business environment is very dynamic and the present is the time for change to new more efficient and ecologically friendly lighting sources. Business environment changes as well and companies start to cooperate more in order to develop their product range. Electrostart always aims to be close to its customers and provide solutions that meet the expectations of both the customer and final user.

More than 55 years we do business in responsible manner. All our actions are driven by the principles of professional competence, corporate honesty and transparency. We set up sustainable practices for corporate development and this is reflected in our integrated quality management system ISO 9001:2015, environmental policy tailored to ISO 14001:2015 and Occupational health & safety under ISO 45001:2018.

Electrostart's products comply with all applicable European Directives. During the years our company has established very good cooperation with certifying companies providing different type of certifications for all customer needs.

www.electrostart.com



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