



YILDIZ LED

Yıldız Led Lighting is one of the leading “integrated” manufacturers of LED lighting luminaires with 5000m² factory area in Ankara/Turkey and established in 2007.

Additional to the standard product family on catalogue, Yıldız LED Lighting also designs and produces custom indoor & outdoor LED luminaires for Industrial Lighting, Street, Road& Tunnel Lighting, Sports Field Lighting, Landscape& Garden Lighting, Facade Lighting, Office, Residential and Hotel Building Lighting.

With our portfolio expanding from year to year and business partnerships it has developed, it continues to be a preferred business partner around the world by carrying its leading position in the national market to the global arena.





The secret of our success lies in differentiation:

In the LED Lighting sector, our company stands out with its modern corporate management approach, strong financial structure, and modern machinery range; It is considered as a strong and preferred business partner which is followed with appreciation in international business circles.

Our strongest sides are:

Our professional management team and human resources, brand-new and most advanced machinery park, solid financial structure, ability to use the latest information, technologies and building techniques, business approach based on correct, transparent and ethical global standards, environmentally friendly policies. Yıldız Group's accelerated growth not only provides us with the energy we need but also constitutes the guarantee of our sustainable corporate presence.

We continue to work for a more livable world:

As a profitable and productive company, we are working hard to build a better future. As Yıldız Group family, we are guided by our corporate values in order to reach our goals. As



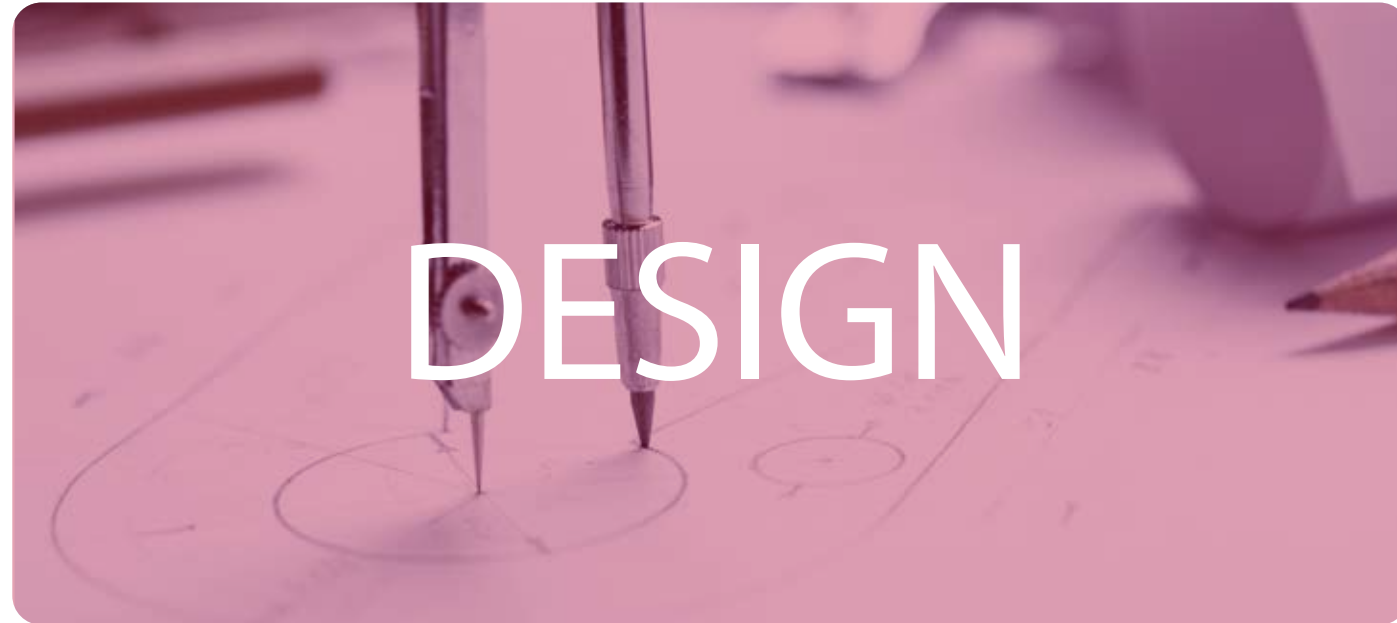
QUALITY MANAGEMENT SYSTEM

As Yıldız LED, we believe that the purpose of our work, the way we manage ourselves and the way customers see us enhance the quality of our position.

As we attach importance to the training of our employees, we also pay attention to the services we provide to them.

Not only the work environment, but also the inner peace of our employees in the work environment is important to us. For this reason, we work with the principle of strengthening bonds and keeping the internal communication alive. In line with these principles, we aim to increase business performance and decrease business risk.

Apart from these, we always chase to develop and advance the documentation and awareness in all areas within our company. By guidance of ISO 9001, we achieve consistent and repeatable processes along with the corporate system implemented across the business. By keeping the trade license, we have our bidding process much easier and we are constantly getting new business through our certification. We are expanding and strengthening our



Aside of having wide range of products, at the same time, Yıldız LED which is an architect and designer friendly company works on project basis and custom productions. We have qualified employees who can meet all demands in its own design team.

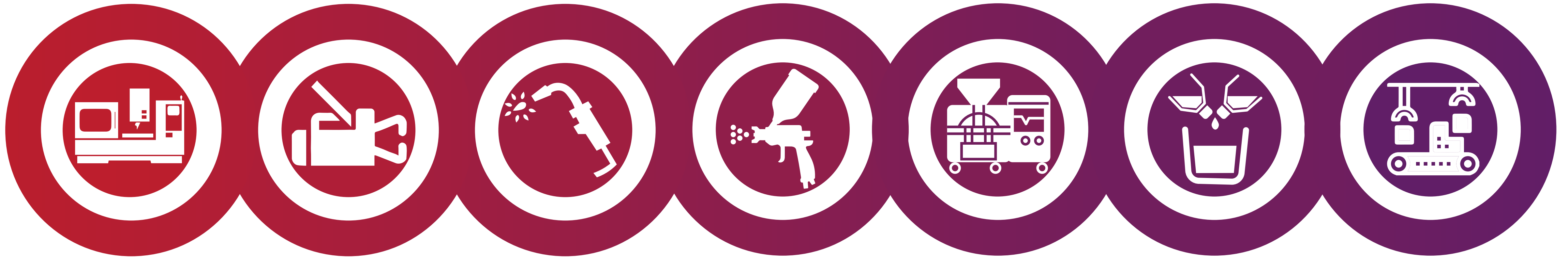


Knowing that all techniques, from production to sales, are constantly developing and all our team members, primarily the administrative staff and production staff, receive the necessary training regularly and follow up-to-date information.



All controls, such as welding standards, paint thickness and tone measurements, thermal temperature tests, IK and IP tests are carried out by our experienced and competent production staff, before the finalization, during production.

PRODUCTION



CNC WORK-
5-axis CNC machines are used.

METAL WORK
Metal sheet cutting, bending and other processes

WELDING
Welding process is done in the factory.

PAINT WORK-
Electrostatic powder coating is used.

SMT LINE
Surface-mount technology is used for electronic card

EPOXY LINE
Glue dispensing machine is used for epoxy

ASSEMBLY LINE
Assembly is done in our factory.



CNC WORKSHOP

In order to prevent human-induced errors and increase precision, processes such as cutting, drilling, bending and screw head opening are carried out in our CNC machines. With this process, we ensure that all our products are homogeneous.



METAL WORKS

The cutting, bending or shaping of the materials, which are required for the products we produce, is done in our factory with great care.





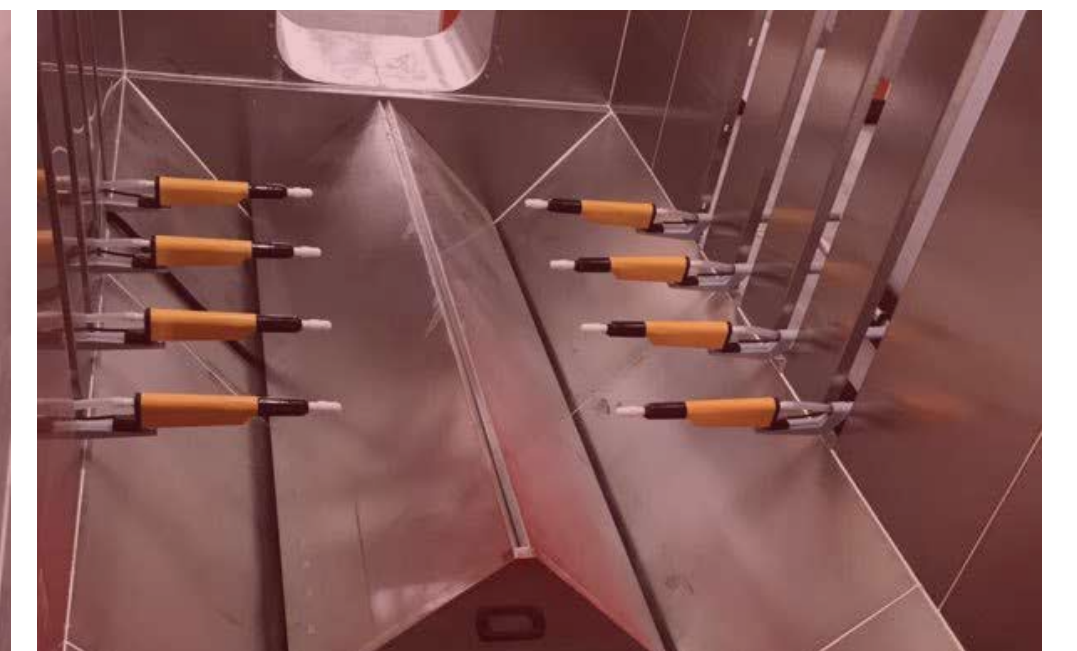
WELDING WORKSHOP

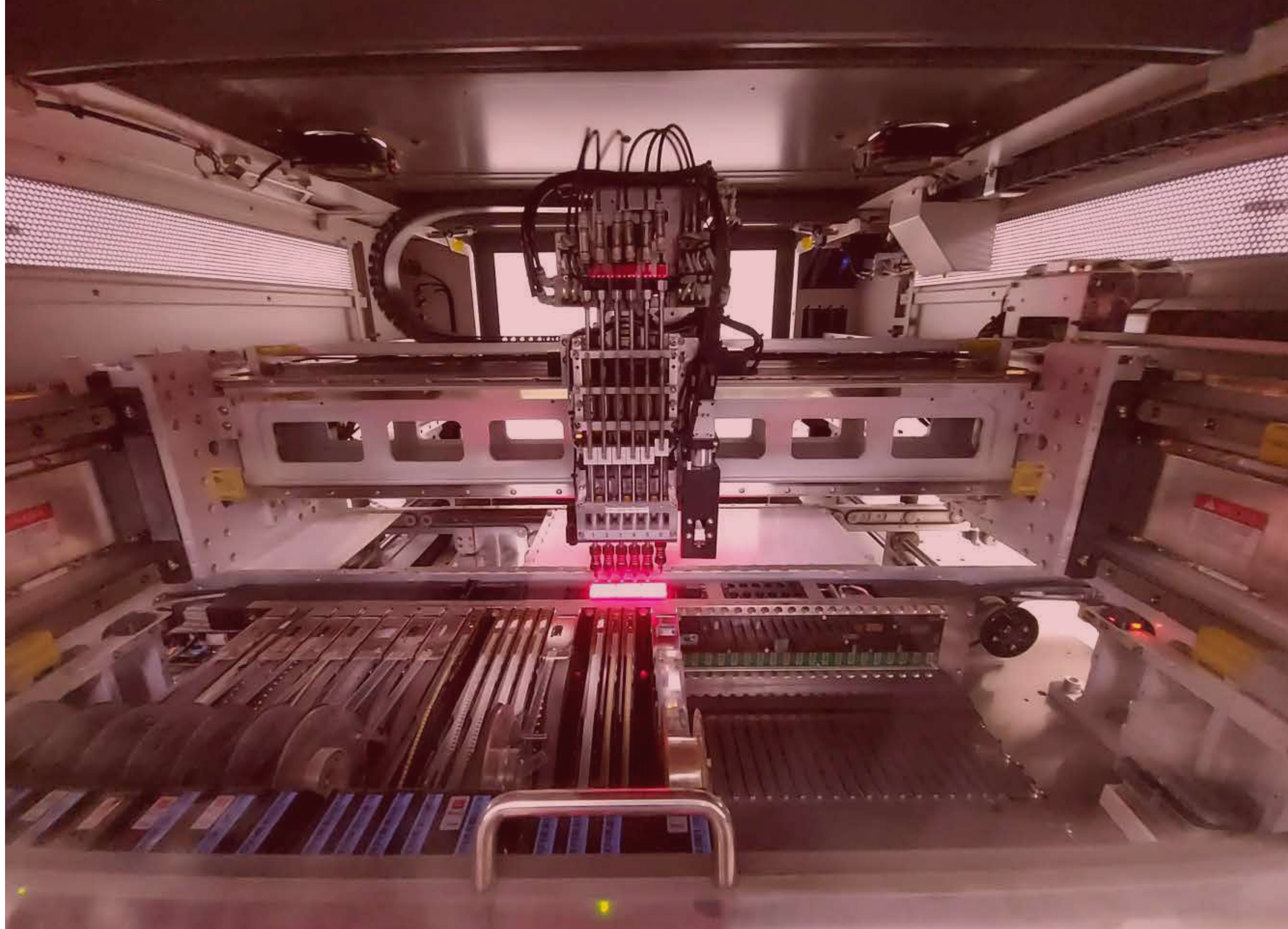
The welding processes of the parts we produce are carried out with great care within all safety measures. Smooth surfaces, monolithic appearance, strong joints can only be achieved with a high quality welding workmanship. Our welding team consists of experts who have all the necessary certifications. We call them the artists of this



PAINT WORKSHOP

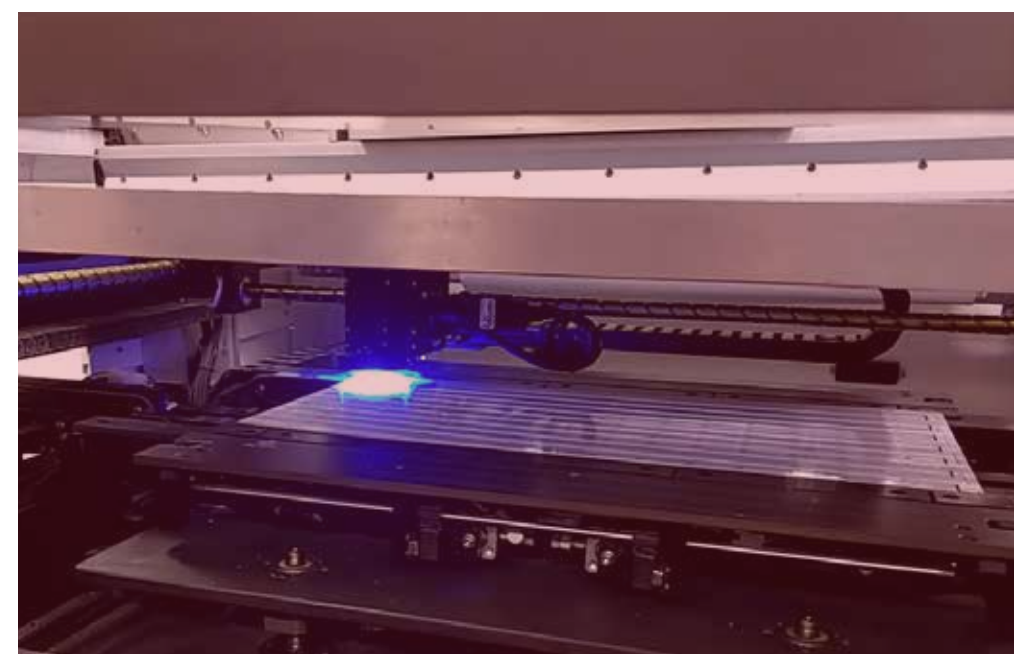
The products we produce in our factory are dyed with the electrostatic powder coating technique. With this technology, the products are painted on a completely mechanized line without any human touch. In this line, where the latest technology and the best paint guns are used, every product is painted flawlessly. Thus, we produce products that are not affected by moisture, corrosion and many other





SMT LINE

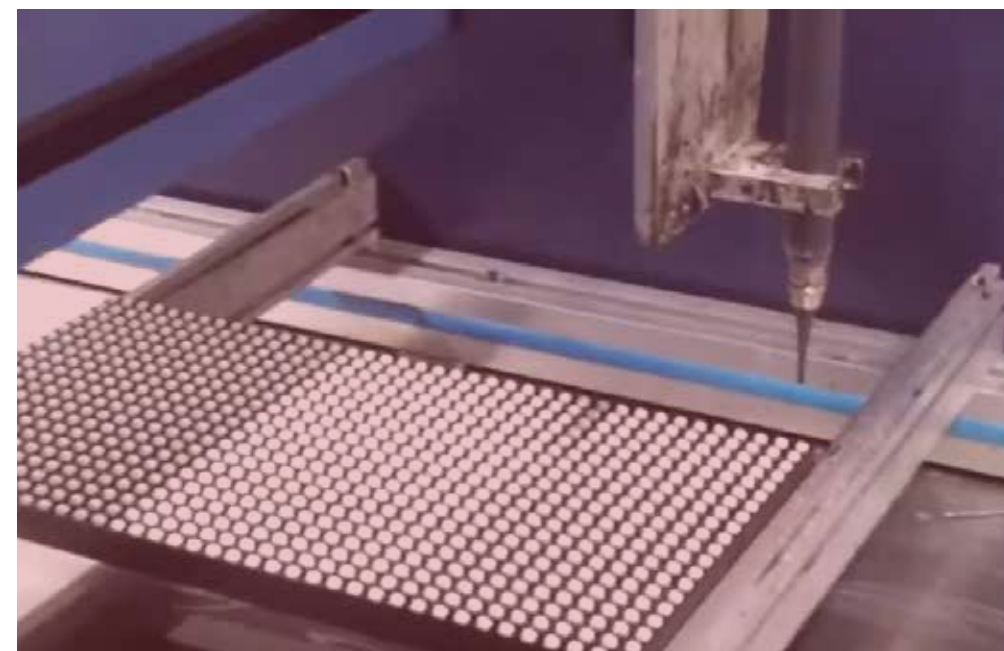
In the SMT line, fully automatic production is carried out without touching any product. Single and double sided electronic cards can be produced in large numbers and high quality. In addition, this line contributes 100% to the fast production of our factory. We design our PCBs ourselves and ensure that they are produced quickly on this line





EPOXY LINE

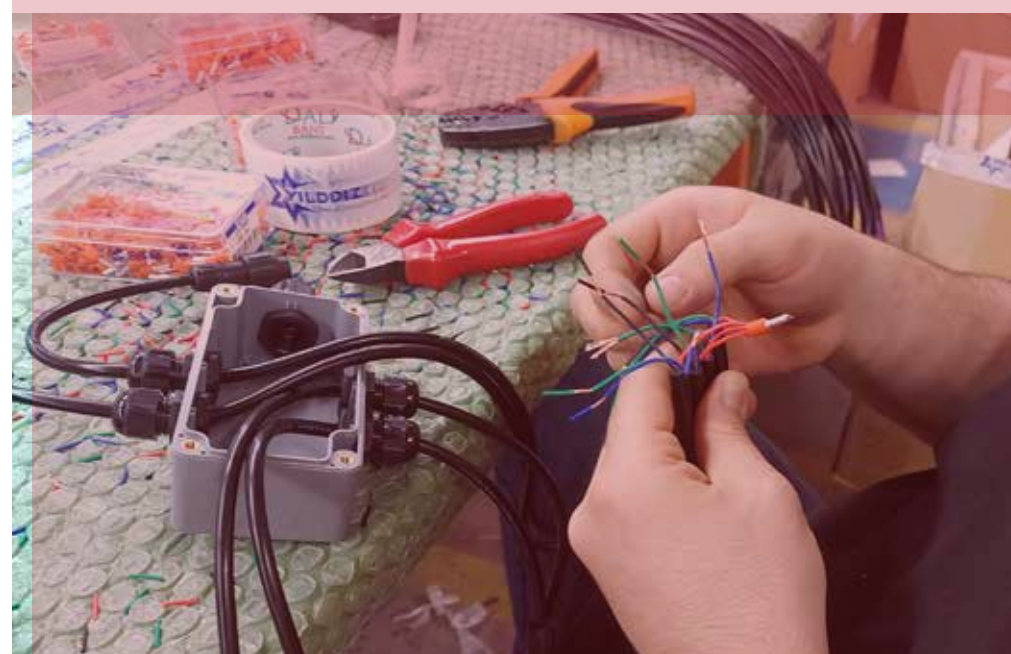
In our company, we use PG-5100 branded fully automatic liquid controlling machine. We cover the outer surface and inner parts of our products with epoxy and take precautions against external factors such as weather conditions. Also, thanks to this line, which works with liquid material, we can produce homogeneously, quickly





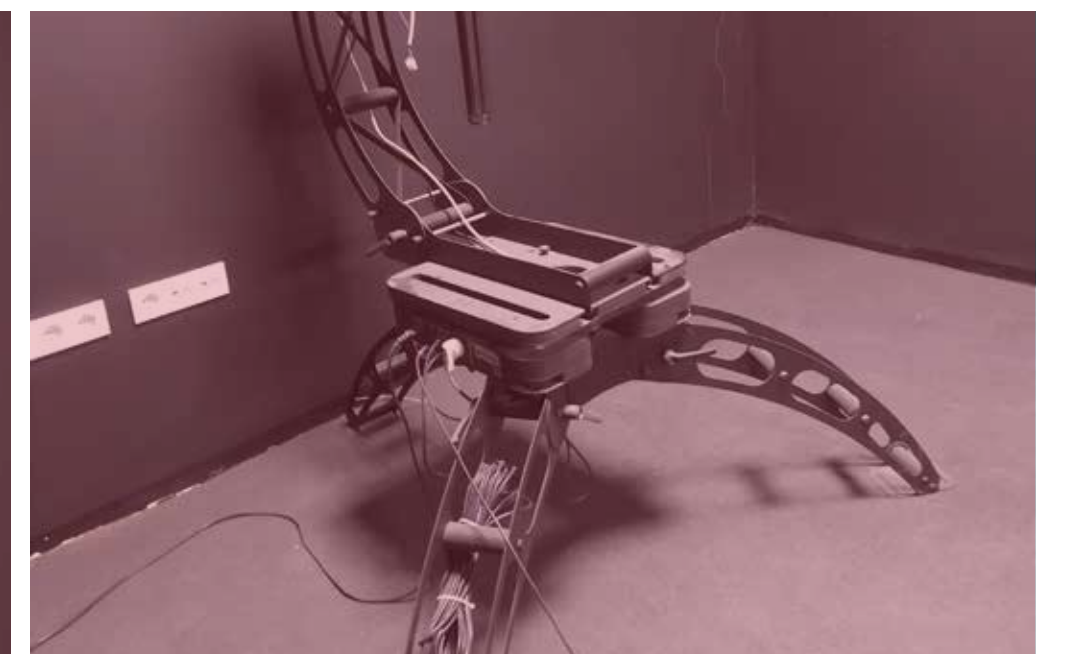
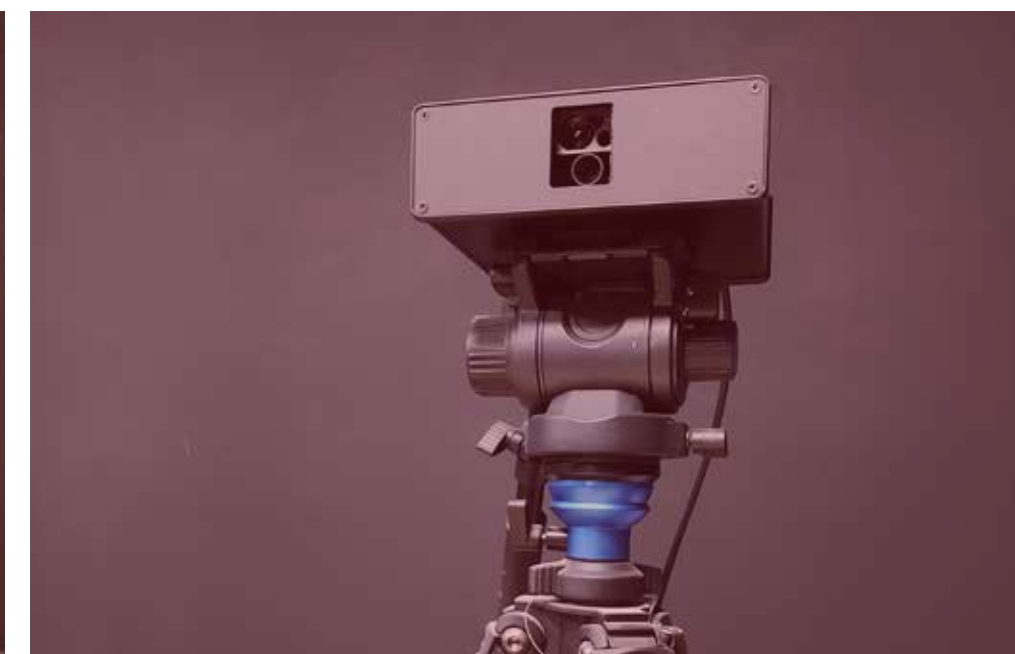
ASSEMBLY LINE

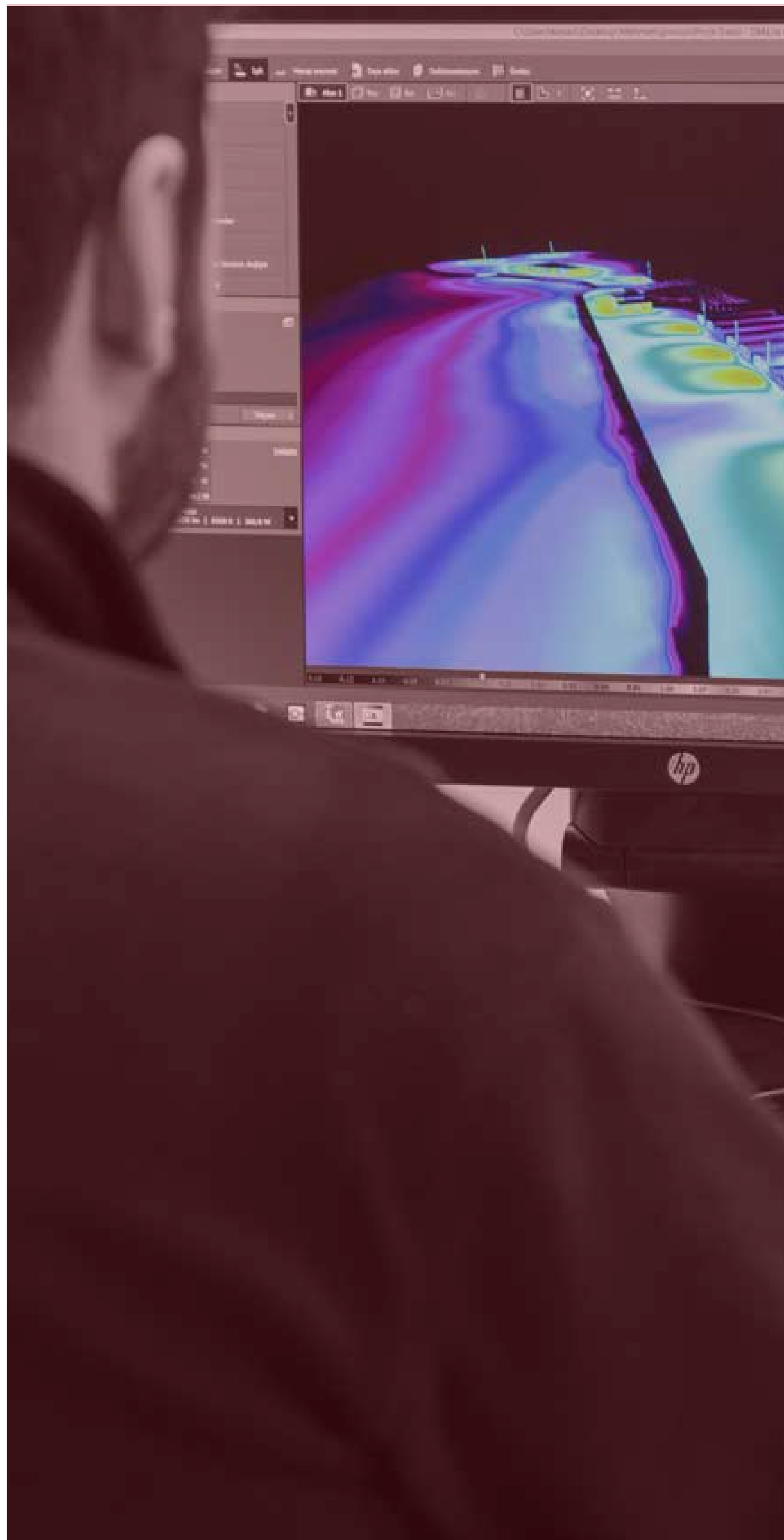
In the assembly line, the assembling of the produced parts is done with great care. Our professional and dynamic assembly team ensures that all products are assembled and packaged



LIGHTING LAB

In our light laboratory, every product we produce is measured and analyzed one by one. In this way, the desired quality and error-free products are obtained. By connecting to this lab online, you can observe all the operations we do simultaneously.





TESTS

Quality and safety form the backbone of Yıldız LED. As a leading lighting company, we follow a customer-oriented approach, knowing that quality is the main element of all our processes. This experience brings with it continuous improvement in our products.

Yıldız LED Lighting Laboratory is equipped to produce products with high quality, safety and performance in addition to its modern design. Our laboratory follows International Electrotechnical Commission (IEC) standards for safety and performance testing of lighting fixtures.

Yıldız LED Test Laboratory aims to find high-quality, reliable and cost-effective solutions for the most advanced lighting fixtures. Management system, developed in line with this goal, follows ISO 9001, ISO 14001, ISO 45001, ISO 50001, OHSAS 18001 standards. Our products are subjected to IP, climate change, current control, glow wire and driver control tests. The ones which have successfully passed the analyzes and whose compliance with the standards have been registered have CE, TSE, ENEC and other documents.

Photobiological Safety: As the technology and performance of LEDs have progressed, there are increasing concerns regarding optical radiation produced by LEDs, and the potential exposure risks to humans. Therefore, we apply the necessary testing against blue light hazard in our lighting fixtures.

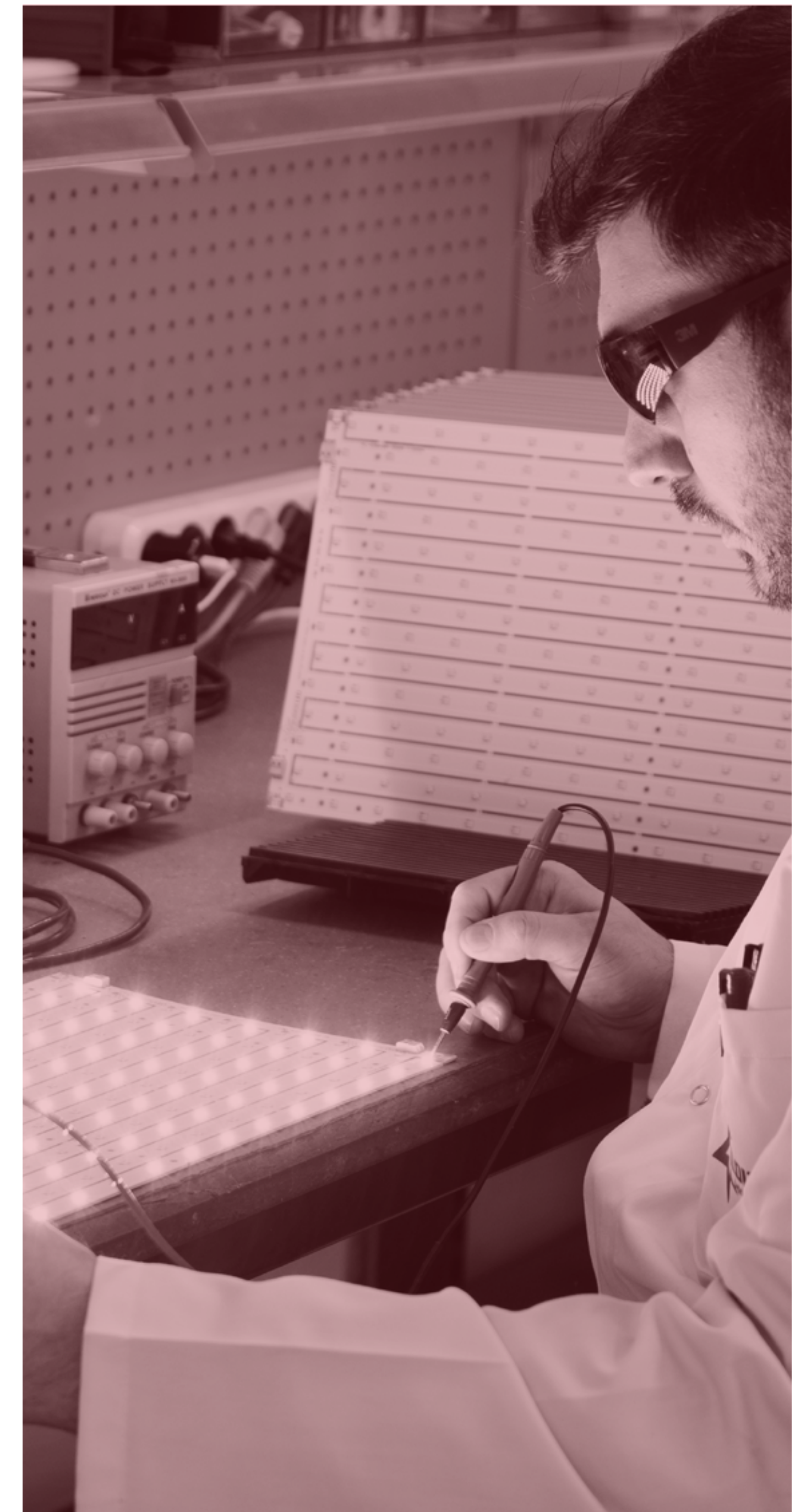
Humidity Test Chamber: It is used for testing to simulate various different types of materials for their tolerances of heat, cold, dry and humidity and the world climates.

Aging Life Test System: It is used for normal/accelerated aging, lumen maintenance measuring, lifetime evaluation, and temperature characteristic testing for LED packages, arrays, and modules. It fully meets the requirements of standard IES LM-80 and another related standard.

Corrosion Test: Stimulate the actual natural conditions to do accelerated corrosion test; all the testing are based on common states on the natural environment: such as combined with salt spray, hot air drying, humidity, low temperature, etc.

IP (Ingress Proof): Classifies and rates the degree of protection provided against intrusion, dust, accidental contact, and water by mechanical casings and electrical enclosures.

Temperature Cabinet: Cabinet can simulate different environment condition. It's appropriate for testing material performance, such as resist heat, resist dry, resist humidity



CERTIFICATES

Our factory has ISO 9001, 10002, 14001, 45001, 50001 and OHSAS 18001 certificates and periodically renews these certificates. For many years, we have had ourselves checked by 3rd parties. We work with



ISO 9001 is the international standard for a quality management system



ISO 10002 provides guidance on the process of complaints handling for external customers.



ISO 14001 is the international standard that specifies requirements for an effective environmental



ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and



ISO 50001 is the international standard for Energy Management providing the most robust framework for optimising energy



OHSAS 18001 was one of the International Standard for Occupational Health and Safety Management

PRODUCT CERTIFICATES

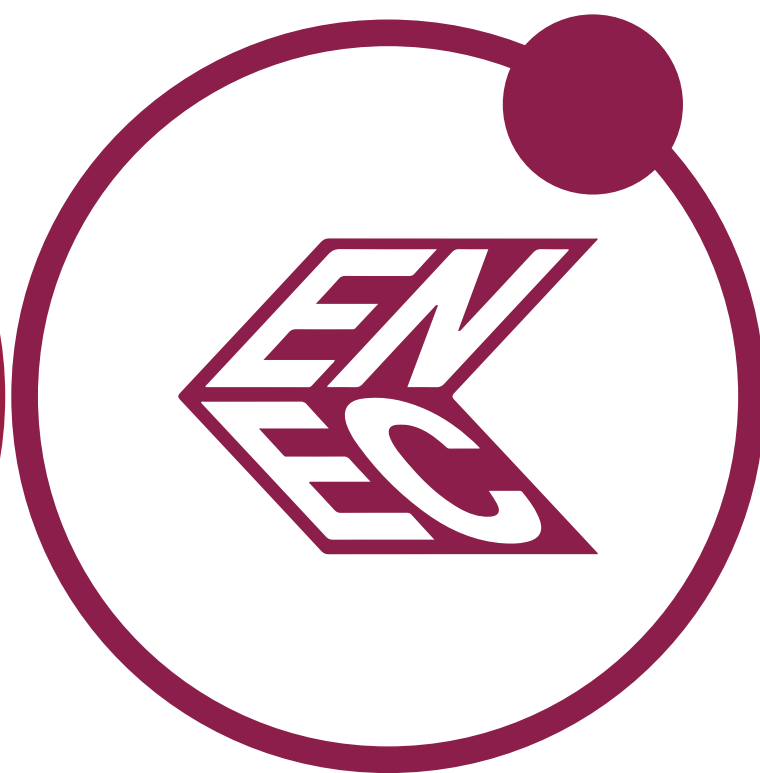
The products we produce in our factory have CE, TSE, ENEC, EAC, IECEE, EN certificates. Existing certificates may vary by product type. As we are a project-oriented company, we strengthen our reliability



The CE marking is the manufacturer's declaration that the product meets EU standards for health, safety, and environmental



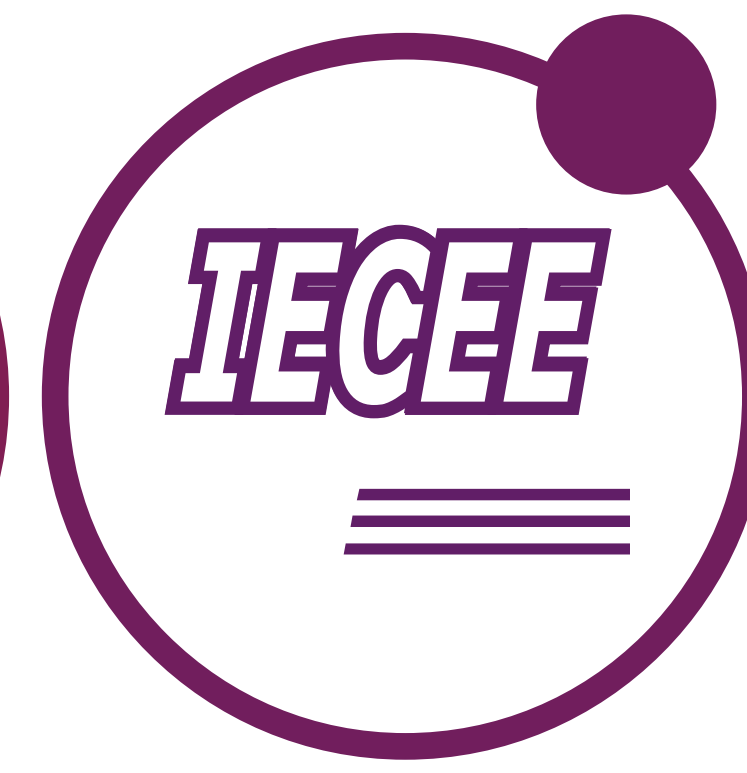
The Turkish Standards Institution is a public standards organization whose mission is to increase the competitiveness of Turkey,



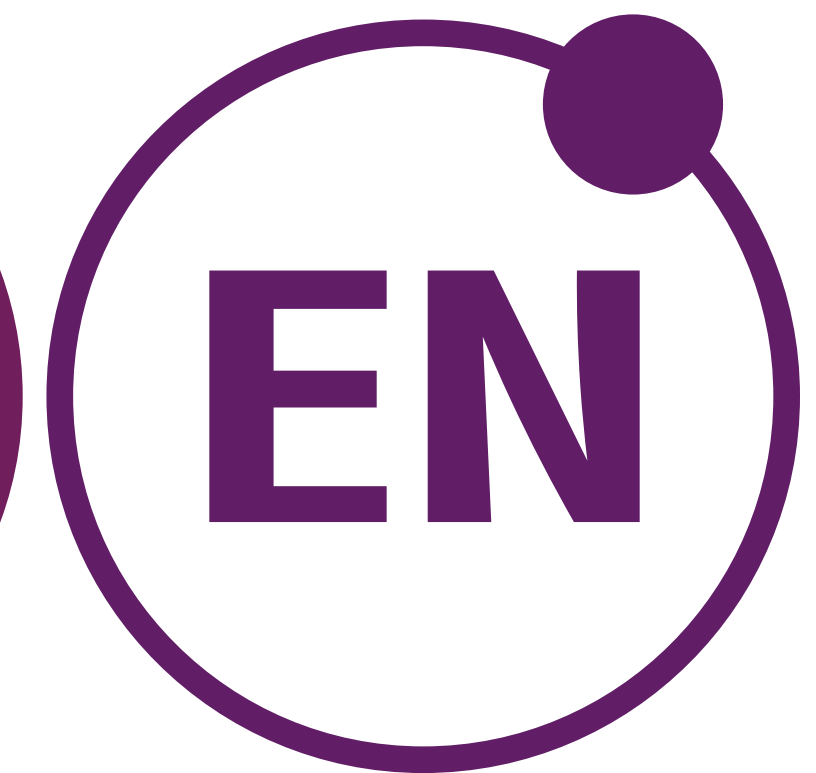
ENEC is the high quality European Mark for electrical products that demonstrates compliance with European



EAC certificate is an official document confirming the conformity of the quality of production with the approved

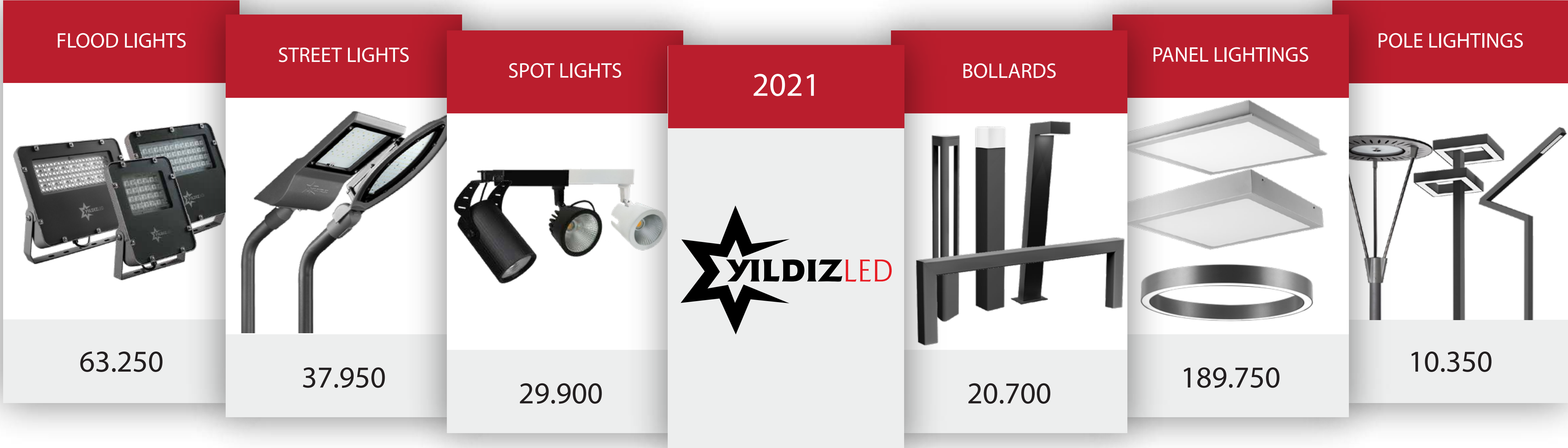


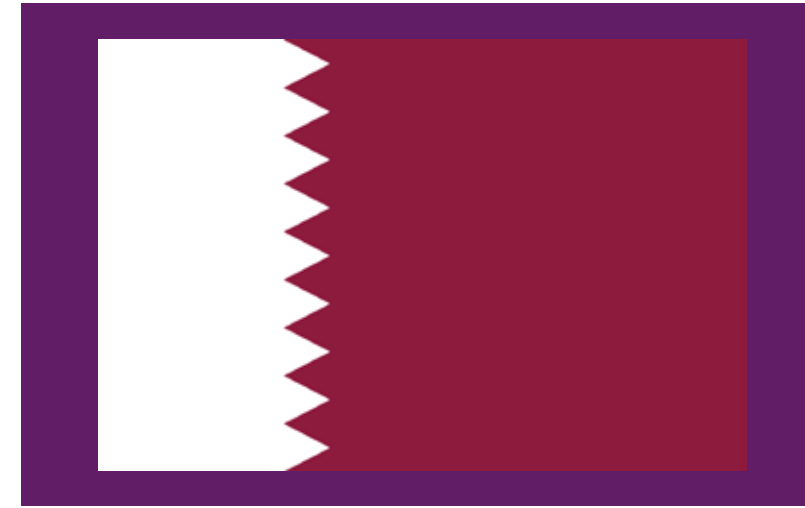
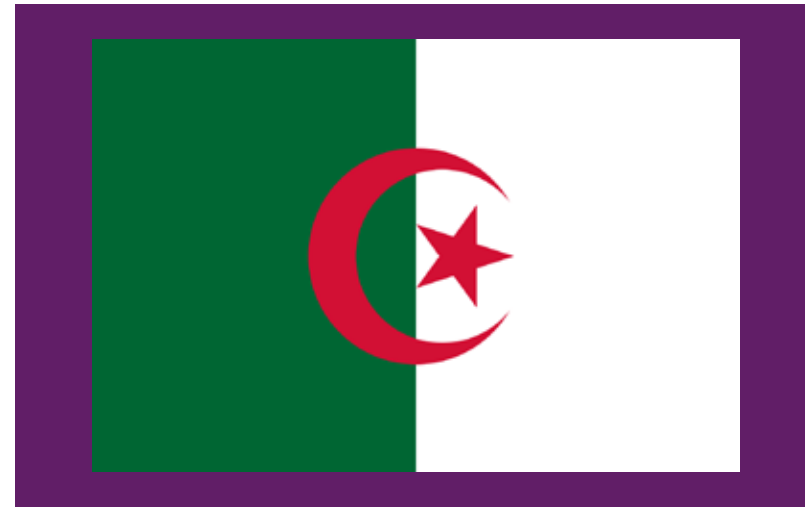
IECEE is the world's first international system for the mutual acceptance of product safety test reports and



European Standards is an expression of requirements for products, processes or services to meet the requirement

PRODUCTION CAPACITY



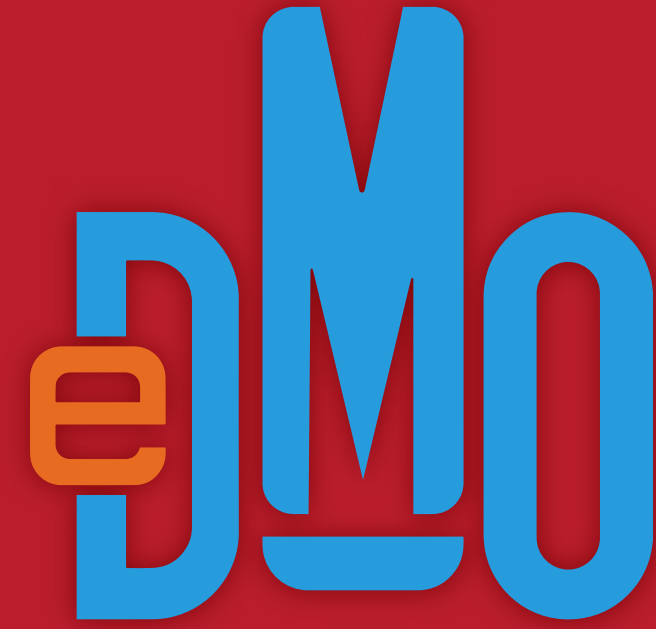


COUNTRIES WE EXPORT TO

In addition to Turkish national organizations, our activities continue abroad. We are doing projects for many different countries such as Malta, England, Qatar, United Arab Emirates,

ORGANIZATION & ASSOCIATIONS

As Yıldız Led, we cooperate with local and well-established institutions and organizations such as DMO, Aselsan and TSK.



We are the only company in Turkey that works with the State Supply Office and gives official and approved products.

aselsan

ASELSAN designs, manufactures, and integrates military products and systems compatible with military standards.



Higher Education Credit and Hostels Institution



Postal and Telegraph Corporation



FNSS is a globally recognized land systems company that specializes in designing and producing wheeled and tracked armored combat vehicles.



Turkish Armed Forces

REFERENCES

Keskin Machine Factory, Çorum
Aselsan, Ankara / Aselsan, Ankara
16th Mechanized Infantry Brigade, Diyarbakır
International Airport's Entrance, Bahrain
1st Main Jet Base Command, Eskisehir
1st Main Maintenance Center, Sakarya
The Directorate of Special Operations, Ankara
Air Force Support Unities Command, Ankara
Air Force Support Unities Command, Ankara
Turkish Air Logistics Command, Ankara
Al Thumama Stadium, Qatar
Special Forces Command, Ankara
Turkish Air Force Academy, Istanbul
The Coast Guard Command
Turkey Jockey Club, Ankara
Su Kent Environment, Garden & Visual Lighting, Ankara
Soysal Trade Center, Ankara
Yukarı Öveçler Mosque Sereye Lighting

Pamukkale Astroturf Field Lighting, Denizli
Saka Su, Sakarya
Pendik Çamlıca Stadium, Istanbul
Air Force Radar Command, Ankara
Trabzon Public Garden, Trabzon
Employment Instanton, Sakarya
Saka Natural Water, Sakarya
Kaynaklar Petrol Station
15th The Missile Base Command, Istanbul
Yıldız Brick Factory, Adıyaman
Tat Metal J.S.C, Zonguldak
Gazi University, Ankara
Ankara University, Ankara
METU College, Niğde
Maya College, Ankara
Beştepe College, Ankara
VIA TOWER Trade Center Facade Lighting, Ankara
Aksaray University, Aksaray
Adnan Menderes University, Aydın
Demirciler Petrol Station, Adıyaman
ER-SA Galvanized Pole Factory
Fırat University Hospital, Elazığ

Türkbeleni Public Garden, Antalya
Ministry of Justice, Ankara
Ministry of Transport, Maritime Affairs & Communications
The Presidency for Abroad & Related Communities, Ankara
State Hydraulic Works - 12th District Directorate, Kayseri
Turkish Standard Institute, Ankara
The Presidency of Religious Affairs, Ankara
General Directorate of Eti Mining, Ankara
Directorate of Mining Operations, Kütahya
Riyadh Metro Project, Saudi Arabia
Turkish Republic State Railways
Turkish Post and Telegraph Organization
PTT
Provincial Culture and Tourism Directorate, Eskişehir
Soma Municipality, Manisa
Air Force Radar Command, Ankara
PTT Regional Directorates

REFERENCES

Malatya Municipality
Turkish Ministry of Defense, Ankara
Turkish General Star, Ankara
Turkish Land Forces Command Headquarters, Ankara
NCB Bank all branch, Saudi Arabia
Turkish Air Forces Command, Ankara
Naval Force Command, Ankara
Gendarmerie General Command, Ankara
Presidency Guard Regiment, Ankara
Turkish General Command of Mapping, Ankara
Directorate of Credit Dormitory Institution, Tokat
Sport Saloon of Gazi Educational High School, Afyon
L.F.C Training and Doctrine Command, Ankara
Turkish Army Corps Command Headquarters
Land Aviation School, Istanbul
Akkulah Female Student Dormitory, Karaman

Spice Hotel, Antalya
Ankara Chamber of Commerce, Ankara
Tübitak, Ankara
State Airports Administration, Istanbul
Customs and Tourism Establishments, Kapıkule Border Gate, Istanbul
Ministry of Transportation, Maritime Affairs and Communication, 1st District Istanbul
Iğdır Governor, Iğdır
Sport Saloon of Gazi Educational High School, Afyon
Land Forces Logistics Command, Ankara
Military Factory, Elazığ
EGO General Directorate, Ankara
Provincial Directorate of Labor and Employment Institution, Sakarya
Turkey Jockey Club, Ankara
Social Security Institution, Antakya
Mamak Municipality, Ankara
Etimesgut Municipality, Ankara
Altındağ Municipality, Ankara
Keçiören Municipality, Ankara
Çankaya Municipality, Ankara

Adana Metropolitan Municipality, Adana
Efeler Municipality, Aydın
Kaynaklar Petrol Station
Mersin Municipality
Nilüfer Municipality, Bursa
Bozüyük Municipality, Bilecik
Diyarbakır Municipality, Diyarbakır
Odunpazarı Municipality, Eskişehir
Gaziantep Şahinbey Municipality
Metropolitan Municipality, Hatay
Kaynaklar Petrol Station
Habur Border Gate Project, Şırnak
Fethiye Municipality Sports Club's Hall, Antalya
Credit and Dormitories Institution
Ministry of the Interior, Ankara
Land Military School, Ankara
2nd Turkish Border Regimental Command
5th Turkish Border Regimental Command
25th Turkish Border Regimental Command



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Selpa Sanayi Sitesi Dağyaka Mah. 2038. Cad. No : 4/5-1
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