



REPUBLIC OF TURKEY
MINISTRY OF ECONOMY



INDUSTRY



LIGHTING INDUSTRY



TURKEY
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LIGHTING INDUSTRY

The lighting sector is an exciting and challenging field of the manufacturing industry as it combines art and science. Today, the demand for lighting products is not based solely on the simple need for illumination, but also on the desire to add aesthetic value and style to the space.

The Turkish lighting industry was established at the end of the 60s with investments for the production of incandescent and fluorescent lamps. Following that, investments were implemented for the production of decorative lighting fixtures at the beginning of the 70s. Eventually investments in the industry gained speed at the beginning of the 90s, leading the industry to its current situation. The industry has shown substantial growth in the past 15 years in terms of production capacity, product quality, design and range.

Today, the Turkish lighting market volume is about US\$350 million, of which US\$130 million belongs to lighting fixtures. In fact, the actual market volume is only one third of which would be ideally possible when the population of Turkey is taken into consideration. The volume of the world lighting market is about US\$50 billion, of which US\$35 billion is for lamps and the rest for lighting fittings.

The demand for lighting fixtures has increased in parallel with Turkey's industrialization, increasing per capita income, increasing urbanization, rising architectural lighting and the changing lifestyles of consumers as well as the increasing number of residential and industrial buildings, offices, shops, sports halls, restaurants, cafes, hotels, etc.

In parallel with the revival of the Turkish construction industry in 2005, the lighting industry has enjoyed a good recovery after the years of recession following the 2001 economic crisis. Construction, manufacturing and the booming tourism industries, and a shift towards energy efficient products are creating a bright future for the Turkish lighting industry. Given that the importance of the environmental technologies and the energy efficiency concept is increasing, new technologies have been developed in the lighting industry. The energy efficient lights and LED or O-LED lighting systems gain significance day by day.

The industry produces a wide range of products within indoor lighting, outdoor lighting and industrial lighting sub-sectors, ranging from lighting fixtures for residential buildings, offices, sport halls, restaurants, cafes, etc. to building vicinities, emergency lighting, safety lighting fixtures, lighting fixtures for lighting landscapes or special applications, etc.

There are about 50 large scale companies and 300 medium and small scale companies in the industry dealing with production. Most of these companies are located in Istanbul, with some in Ankara and Izmir.

All the large companies and most of the medium scale companies have international and national quality and safety standards such as ISO 9000 series, ENEC, VDE, etc. All companies have affixed the CE Mark on their products, which has been compulsory in Turkey since 2003.

To keep up with the increasing demand and ever changing customer needs and tastes, especially the large-scale companies have been involved in research and innovation activities in line with their production. Production technologies have been improved continuously as well. The large companies offer custom lighting solutions for their clientele by implementing lighting projects using CAD techniques.

The Luminaries Manufacturers Association (AGID), established in 1997, represents 82 Turkish companies active in the lighting industry. Its main objectives are the following:

- to engender consciousness about the identity of the private sector,
- to advance individual and collective relationships between the representatives in the industry,
- to enhance theoretical/academic interactions through common efforts and agreements
- to complete the process of conforming to international standards,
- to ensure the proper representation of Turkish manufacturing companies in the international marketplace,
- to protect the consumer rights

Turkish National Committee of Illumination (ATMK) supports scientific national and international research in the industry. Established in 1995, the Committee is one of 36 members of the “Commission Internationale L’Eclairage” (CIE). ATMK organizes symposiums every two year, and aims at getting the scientists, designers, professionals and producers together to ensure the exchange of information and knowledge between parties in the industry. Its ultimate aim is to support the development of the Turkish lighting industry. The committee is represented in the Board of Directors of “Lux Europa”.

The bimonthly periodical “Professional Lighting Design Turkey” has been published in Turkish since 2005. The periodical has been published in Germany since 1987 and distributed all over the world. It is the only periodical on the professional architectural lighting and published in German, English, Chinese and Turkish. It is the official publication of “International Lighting Designers’ Association (IALD)” and “European Lighting Designers’ Association (ELDA)”.

EXPORTS

In Harmonized System, the lighting products are classified under 8513, 8539 and 9405 codes. Turkish Lighting Products are exported to more than 150 countries throughout the world. After the global financial crisis in 2009, Turkish exports have increased about 3.5% annually and reached at US\$252.8 million in 2017.

The lamps and lighting fittings and also illuminated signs and nameplates (9405) which are not defined in any other harmonized codes have been the major product group of the sector for Turkey in the last years. In 2017, Turkey’s exports were about US\$ 232.1 million, with a decrease rate of 9,3% compared to the previous year.

The second sub-sector in terms of export volume is electric filament or discharge lamps (8539). Turkey’s exports in this product group decreased by 9.8% and fell to US\$ 19.2 million in 2017.

Although the portable electric lamps designed to function by battery, magneto (8513), etc are relatively a small product group in terms of trade volume, Turkey’s exports in this product group were approximately US\$1.4 million in 2017.

The EU countries are significant export markets of Turkey. In 2017, exports from Turkey to EU totalled US\$76.6 million with a global share of 30%. However, starting from 2009, Turkey’s exports have been continuously shifting from the EU market to other countries, such as the Turkic Republics, Arabic Countries and North African Countries. For example;

Turkmenistan, Saudi Arabia, Iraq, UAE, Morocco Algeria, Kazakhstan, Qatar, Azerbaijan, and were at the top of the list of export markets of Turkey in 2017.

Lighting Industry Exports of Turkey (US\$1,000)

| Products | 2015 | 2016 | 2017 |
|---|----------------|----------------|----------------|
| Lamps and lighting fittings and also illuminated signs and nameplates | 247.764 | 256.148 | 232.145 |
| Electric filament or discharge lamps | 26.328 | 21.320 | 19.226 |
| Portable electric lamps designed to function by battery, magneto etc. | 1.779 | 1.641 | 1.476 |
| Total | 275.871 | 279.110 | 252.848 |

Source: Ministry of Economy of Turkey

TRADE FAIRS

- [Fairs in Turkey](#)

USEFUL LINKS

- General Secretariat of Istanbul Minerals and Metals Exporters' Union:
<http://www.immib.org.tr/en>
- Turkish Lighting Luminaires Manufacturers Association:
<http://www.agid.org.tr/gb-index.asp>
- Professional Lighting Design Turkey:
<http://pldturkiye.com>
- Turkish National Committee on Illumination:
<http://atmk.itu.edu.tr>



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