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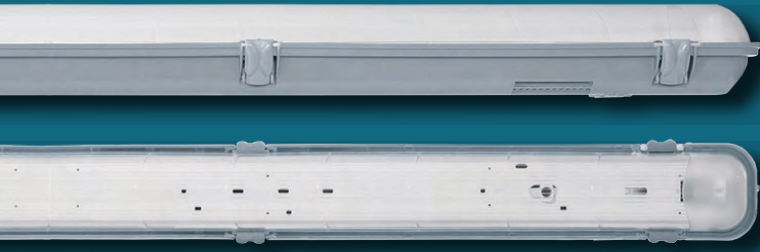
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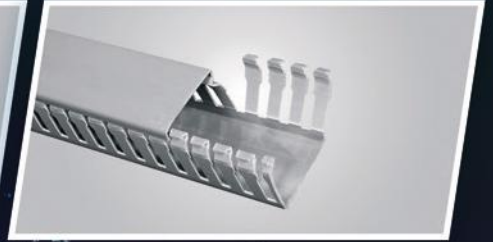
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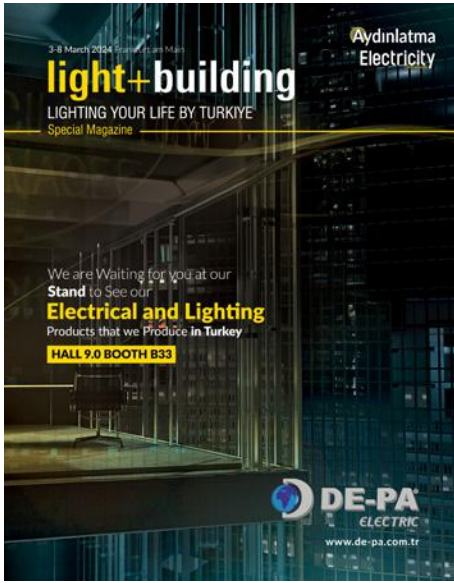


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Yusuf HIZARCIOĞLU

Light + Intelligent Building Istanbul 2024

With the first issue of 2024, we are with you again. 2023 was a successful year for the Turkish Lighting industry. The Turkish lighting sector took its place among the important producer countries in its region with its production infrastructure. Thanks to the investments made, the sector started to have a say in important projects abroad.

It started to take a share in the export of lighting products abroad. By supporting its logistical advantages and production capability with technological investments, it has also carried its own development upwards. Now, the production problem for Turkish manufacturers has disappeared.

This issue will be distributed at the Light + building 2024 fair to be held in Germany. We recommend the guests who will receive our magazine from abroad to better observe the point reached by the Turkish lighting sector at the fair. It has become competitive with many European brands with its product quality. The number of medium-sized manufacturers in Turkey has reached over 1,000. This shows that the lighting sector is in constant development.

I strongly recommend you to visit the light+intelligentbuildingIstanbul2024 fair to be held in Istanbul. You can have the opportunity to communicate with many manufacturers. Be sure to add the event, which will be organized by Messe Frankfurt on 27-29 November 2024, to your calendar.

See you in our new issue

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LIGHT + INTELLIGENT BUILDING ISTANBUL FAIR WILL BE HELD IN NOVEMBER 2024



FAHİR GÖK LIGHTING EQUIPMENT MANUFACTURERS
ASSOCIATION CHAIRMAN OF THE BOARD OF DIRECTORS

Light & Building Frankfurt is a fair that we have been supporting as AGID since the day we were founded and that we attach importance to our sector with its dynamic and positive development and growth every year.

As Turkish manufacturer companies, we will take part in the fair, where we have shown an increasing number of presence over the years, with nearly 50 member companies this year.

When we take into account the size of the Lighting Market in Turkey and the serious manufacturing power of the sector, this fair is an important opportunity for Turkish manufacturers to present their innovations and come together with all world markets.

27 years ago, when we set out as AGID, one of our goals was to introduce our manufacturers and products comprehensively in the world and in our country. For this reason, we are very happy to witness the increasing participation of Turkish companies in this comprehensive platform that paves the way for the sector in the world markets and creates new markets and business contacts. Let us not forget that fairs are important organisations in the development of sectors.

As an important umbrella institution and actor of Turkey in both national and international dimensions with nearly 130 members and LE, of which we are a founding member, we believe that we are one step closer to our goal of becoming a production centre for European countries and a distribution and logistics centre for all surrounding geographies of the Turkish Lighting Industry with our presence in this fair.

The fair has another importance for us this year. As a result of our cooperation, one leg of the fair will be in Istanbul from now on and the first **Light + Intelligent Building Istanbul** fair will be held in November 2024.

I hope that **Light & Building Frankfurt** will be beneficial to all exhibitors and visitors and I wish you a successful and productive fair and present my deepest regards.

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“BALKANLIGHT 2024 - INTERNATIONAL LIGHTING CONGRESS” WILL BE HELD ON 28-29 NOVEMBER 2024 HOSTED BY ATMK.



ATMK CHAIRMAN OF THE BOARD OF DIRECTORS
PROF. DR. F. RENGİN ÜNVER

In this issue, we talked to Prof. Dr. F. Rengin ÜNVER, Chairman of the Board of Directors of the Turkish National Committee on Lighting, whose short name is ATMK, which is the institution that can provide the most accurate information and technical support about the lighting sector and lighting products, about the valuable work they do as ATMK and the correct lighting.

The Turkish National Committee on Illumination (ATMK) was established with the regulation published in the Official Gazette No. 22449 on 31st October 1995, in order to bring together those working in the field of lighting in our country, to produce and share information, and to raise awareness about lighting. It has no political, commercial or economic goals. Immediately after its establishment, ATMK became a member of the Commission Internationale de L'Eclairage (CIE) in 1996 and began to represent Turkey. The Turkish National Committee on Illumination, similar to the National Committees of the other 37 countries in the CIE, has responsibilities such as communicating with people and organisations related to light and lighting in the country and representing them on international stage. In addition, they have responsibilities such as participating in and contributing to national and international events, organising scientific and educational meetings, and make certain publications on the subject matter.

When we look at the historical process, attempts to create a community on lighting in Turkey started in the early 1980s with architects and electrical engineer academics of the period, and faculty members of Yıldız Technical University and Istanbul Technical University. The implementation of this initiative took a long time for various reasons, and it was only possible in 1995.

Although its founding members are academics who are architects and electrical engineers working in on the field of lighting, The Turkish National Committee on Illumination is not entirely an academic institution. In fact, as in previous periods, the 10th Term Board of Directors includes academics, architects, electrical or mechanical engineers, as well as various corporate members in the sector. For 28 years since its establishment, ATMK has made efforts and care to bring together all stakeholders, private and public sectors, academics and designers related to lighting in Turkey and create environments where current information can be shared and discussed, and is determined to continue this way. In this context, ATMK has organised many



international and national lighting congresses, scientific meetings and supported educational activities. Especially universities, Lighting Equipment Manufacturers Association (AGID), Chamber of Industry (ISO), Chamber of Commerce (ITO), Chamber of Electrical Engineers (EMO), etc. have collaborated with various organisations. They have also contributed to the organisation of many lighting-themed exhibitions and fairs in our country. In 2015, It organised the first ATMK Lighting Training Seminars and will continue to organise, which have no precedent even abroad, where technical information is transferred to the lighting sector of our country.

As the Turkish National Committee on Illumination, our total number of members is 177, including 1 honorary, 1 full, 80 individual, and 79 corporate members. ATMK offers two types of membership: individual and corporate. Information about membership requirements is available on our website (www.atmk.org.tr). As ATMK, I would like to state that we are ready to support our members and stakeholders of the lighting industry in any matters they require, and I invite all actors who plan to take part in the sector to become a member of the Turkish National Committee on Illumination

Could you please tell us about the main events you have planned for 2024 as ATMK?

As the Turkish National Committee on Illumination (ATMK) we project many events this year. I can give a few examples of our coming activities. In 2024, in addition to the “basic training” we have provided in previous years, we are planning “special-themed trainings” on interior and exterior lighting, such as office lighting and road lighting. As every year, we will hold talks with different guests as part of the 16 May World Light Day. “BalkanLight 2024 - International Lighting Congress” will be held at the Lütfi Kırdar Congress and Exhibition Center in Istanbul on 28-29 November 2024, hosted by ATMK together with the Light + Intelligent Building Fair.

As I conclude my words, on behalf of the Turkish National Committee of Lighting, I would like to thank Lighting Technical Magazine for giving me the opportunity to share this interview.



You can read the rest of the article by reading the QR code.



TURKISH LIGHTING PRODUCTS REACH ALL CONTINENTS



According to the data obtained from IMMIB website, where the Turkish Exporters Assembly (TIM) regularly publishes export figures, IMMIB members of the Lighting sector broke an export record in 2023.

Looking at the 2023 export rates, our companies with brand and production power completed the year at the top again. Our top 10 companies in exports consist of brands with high production and product diversity. It is seen that these companies have turned the weight they have given to brand and product promotions with their overseas studies for a long period in the past into a plus. The combination of quality and brand awareness and production capacity reveals that the export gates in the lighting sector have been overcome without difficulty. When we look at the brands in the top ten, we see that their overseas dealership networks are strong and they make quality production.

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For more than 20 years, the Light + Building brand continues to bring manufacturers in the lighting, electrical engineering, home and building automation and connected security technology sectors together with architects, interior architects, designers, contract professionals, engineers and distributors in Frankfurt and around the world. The spotlight of the brand is now on Istanbul, the meeting point of continents, with a new trade fair to be held as of 2024.



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42 years



Organized by Messe Frankfurt Istanbul, Light + Intelligent Building Istanbul will be held with the contribution and expertise of Lighting Equipment Manufacturers Association (AGID) and will bring together domestic and international manufacturers to display their newest products and technologies with buyers mostly from Türkiye and surrounding regions.

On even years when industry professionals from all around the world meet in Frankfurt at Light + Building, Light + Intelligent Building Istanbul will be held in a tailored concept which combines trade fair environment with a fringe programme where the latest developments, trends and foresights towards the future are discussed. The first edition of Light + Intelligent Istanbul will take place on

27-29 November 2024 with this concept at Istanbul Lutfi Kirdar International Convention and Exhibition Centre. The registrations for the 2024 edition is scheduled to begin in the first few months of the upcoming new year.

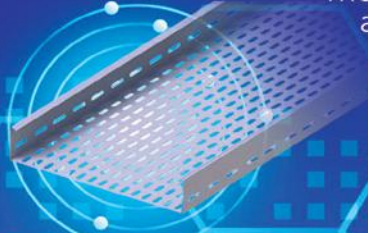
Starting from the year 2025 and followed by odd years when there is no Light + Building trade fair in Frankfurt, manufacturers from all around the world will be able to exhibit with stands with a size upon their choosing at Light + Intelligent Building Istanbul where they will find a trade platform of a larger scale. By doing so, it is aimed to minimize the investments of the exhibitors and trade visitors, whilst saving time and effort they spend for their preparations to attend multiple Light + Building brand shows.

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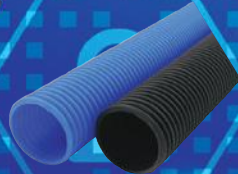


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UNDERSTANDING LIGHT POLLUTION

Public Lighting is indispensable in cities as much for its functional aspects as for the added value it brings to the city ambiance and quality of life. However, excessive and improper lighting not only wastes energy, it can be a source of light pollution leading to a range of negative effects on the natural environment. In a reality where citizens often equate more light with more security, how can cities minimize the negative affects of light while still ensuring a comfortable and attractive urban environment? Cities & Lighting takes a look the different aspects of light pollution in urban areas, its impacts on the environment and steps that cities are taking to tackle this complex issue

T

aking steps to prevent light pollution

On a more positive note from me points out that the problem of light pollution is relatively easy to solve, when compared to pollution by heavy metals, for instance: "If you adopt new technologies, light pollution can be reduced," "Bad lighting is often generally due to little awareness."

That said, what is needed first and foremost are proper lighting strategies for cities – a comprehensive vision of external illumination of a city – in the form of urban lighting

policies or a lighting master plan. This would include a programme for illuminating the city at night and a detailed site analysis of the existing lighting conditions together with suggestions for improvement.

Lighting master plans can help avoid excessive light by listing key proposals for external illumination, permitted levels of luminance, approved types and heights of luminaries and colour temperature of the light source as well as the proposed intensity of illumination assigned to the specific parts of the city or district. They enable cities to ensure that



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light pollution is taken into account and prevented in every urban lighting project that is implemented.

The City of Paris, in France, is one of the municipalities taking such a comprehensive approach to addressing light pollution. As part of the city's move to more sustainable lighting, new technologies such as motion-detecting LED lights are being tested. Lights are being directed more carefully towards the ground so that the light is not wasted in the sky.



New luminaires with dimming technology and motion detection sensors can scale down to %10 of their capacity when they sense no movement. Recent months have seen the creation of a test area in Paris to study the impact changing luminaires. This will take place over two years. Annukka Larsen, a lighting designer working for the City of Jyvaskyla in Finland says that the use of dimming technology and presence detection is key to minimizing light pollution.

Six steps to address light pollution

- 1- Defining the right amount of light is crucial: use standards and enforce them in every development project. Ensure that colleagues, city planners and decision makers are aware of light pollution and its effects.
- 2- Do you really need lights to be bright all night? Use intelligent lighting control systems, such as presence detectors, dimmers and timers to light only as required.
- 3- Lighting in a non-glary environment can be quite dim and still ensure the visibility of objects and possible threats: luminaires can include appropriate shields, so that light is pointed where needed.
- 4- Take into account the height of luminaires: tall posts can spread the light further, unnecessarily.
- 5- Choose lamps with an appropriate light spectrum: blue light which has shorter wavelength than red light scatters more easily into the atmosphere adding more pollution, and



has more negative impacts on humans and animals. 6- Source independent expertise, rather than getting advice from people with a vested interest in selling certain products.

The Impact of LEDs on light pollution

LEDs, besides having significant energy-saving potential, enable the application of more sophisticated lighting solutions and intelligent lighting technologies such as sensors and presence-detection that can help reduce light levels. In addition, LEDs have better cut-off which can make it easier to direct light where it is needed and minimize unwanted light.

However, some scientists fear that the light pollution problem could be exacerbated by the many LED street lighting retrofits currently being implemented. These often use LED lamps that are in the higher end of the colour temperature scale – blue light 4000K and above. Blue light



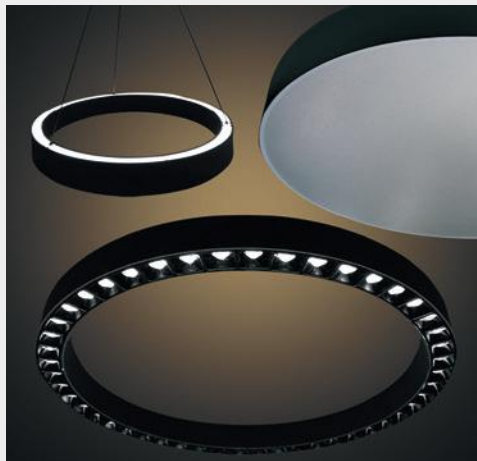
at night is more disruptive to wildlife and human health than other kinds of light. It also scatters more easily into the atmosphere and adds more pollution. In addition, some believe that lower cost of LED lighting today may lead to unnecessary use of light.

It is crucial, therefore, that the use of LEDs is well thought out, and that cities not only take advantage of the adaptive lighting potential disruptive nature of LEDs in their development plans.



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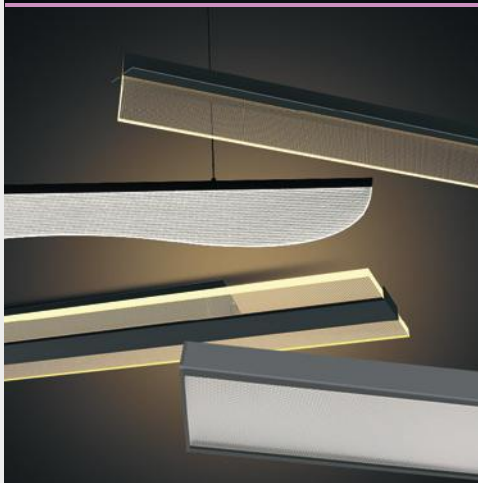
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DE-PA ELECTRICS TO INTRODUCE NEW PRODUCTS AT LIGHT + BUILDING IN FRANKFURT



DE-PA ELEKTRIK GENERAL SALES DIRECTOR
ERCAN PIRASOĞLU

De-Pa Elektrik, one of the important representatives of real quality in Turkey with years of experience and original designs, took its place at the International Lighting, Building Technologies and Automation Fair Light + Building organized in Frankfurt. Light + Building; will introduce its new product group, perforated cable tray product with its high quality, flexible and strong structure to the visitors.

Proud to celebrate its 38th anniversary, De-Pa Elektrik is waiting for industry professionals from Turkey and around the world at the International Lighting, Building Technologies and Automation Fair Light + Building. Light + Building, which will be held between March 3 - 8, 2024, covers a wide range of topics from electricity, future-oriented home and building technology to smart lighting technology. With more than two thousand exhibitors and more than one hundred thousand local and foreign visitors expected, Light + Building Frankfurt will be an environment where independent brands meet, trade and

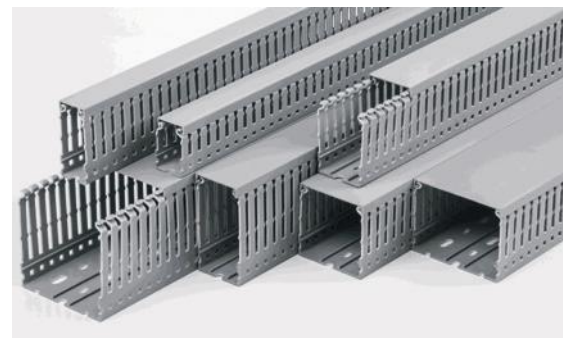
follow technological developments by bringing together industry leaders from Turkey and different countries. De-Pa will exhibit its new product, perforated cable tray, which will be exhibited for the first time, and its existing products with a team of 4 people at its 32 m2 stand. De-Pa Elektrik, which attracts attention with its designs that redefine quality, flexibility and power in panel type perforated cable tray, will meet its visitors with its strong product range of Cable tray, Group Socket, Accessory Products, Fuse Boxes.

“It will accelerate the success of our brand worldwide”

Emphasizing that the Light + Building fair contributes greatly to the strengthening of the manufacturer brands in the electrical materials sector in the international arena, De-Pa Elektrik General Sales Director Ercan Pirasoğlu said, “It is a great opportunity for us to consolidate our success in the export of electrical materials and our new collaborations on this platform, as well as to promote our brand in the international arena and to share innovations in the sector. At a time when competition in the electrical materials sector is increasing day by day, it is a great source of motivation for us to reach a wider audience and strengthen our brand in the international arena with this fair. The intensive business meetings and new collaborations we will realize during the fair will enable our brand to meet with a wider audience around the world.

On the export side, we work with more than 65 countries. Our goal is to seize opportunities for new country markets as well as existing potential cooperation.

Light + Building is more than just an exhibition, it is a meeting point to follow innovations in the sector, identify trends and further strengthen brands in the international arena. This experience will be a source of inspiration for our future projects and will accelerate the success of our brand worldwide.”



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LIT LIGHTING DESIGN AWARDS 2023 WINNERS ANNOUNCED, TURKISH DESIGNERS WON GREAT SUCCESS



Biz İstanbul



The winners of the LIT Lighting Design Awards 2023 have been unveiled, showcasing designs that not only redefine the present but also offer a glimpse into the future of cutting-edge lighting trends.

Winners in Bar and Restaurant Lighting Design

Lead Designers Mustafa Akkaya

Considering the lighting concept together with the panoramic view of the restaurant, which dominates all historical and cultural axes of Istanbul, constitutes the main line of the project concept.

The winners of the highly anticipated LIT Lighting Design Awards 2023 have been unveiled, showcasing the brilliance of international lighting product designers and implementers. The 7th edition of the LIT Lighting Design Awards attracted over 800 submissions from 58 countries, with notable debuts from the Dominican Republic, Uruguay, and Venezuela. A distinguished panel of 45 professionals, including architects, interior designers, academics, and media representatives in the lighting industry, evaluated the entries, selecting those that exemplified outstanding creativity and innovation



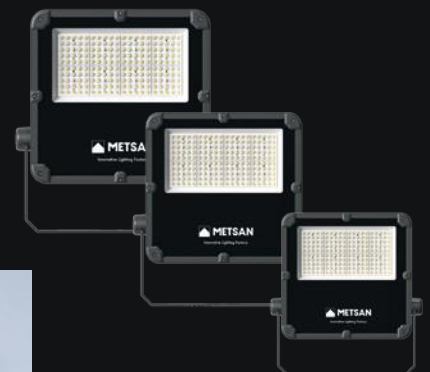
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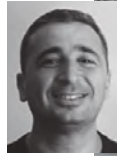


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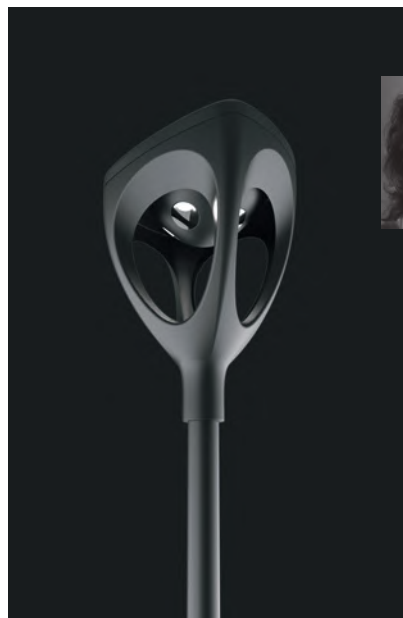
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Winners in Ambient Lighting
Lead Designers Melike Ozden

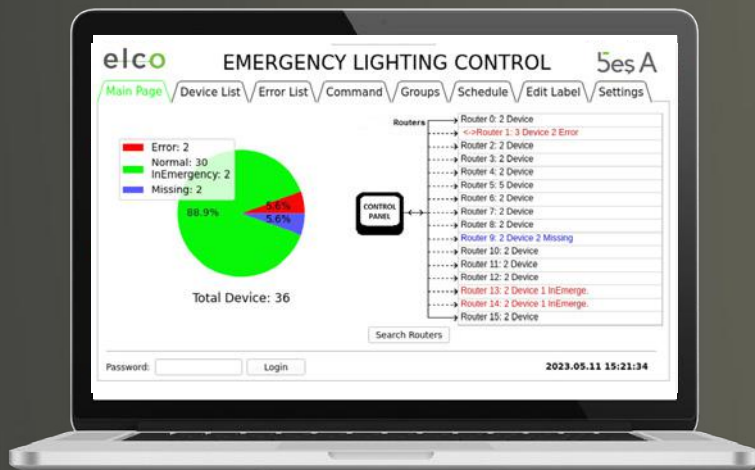
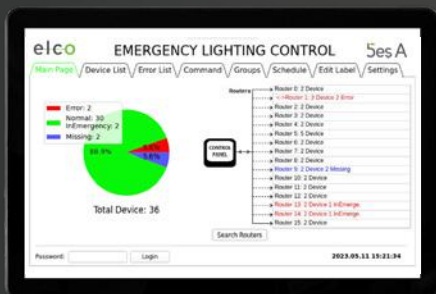
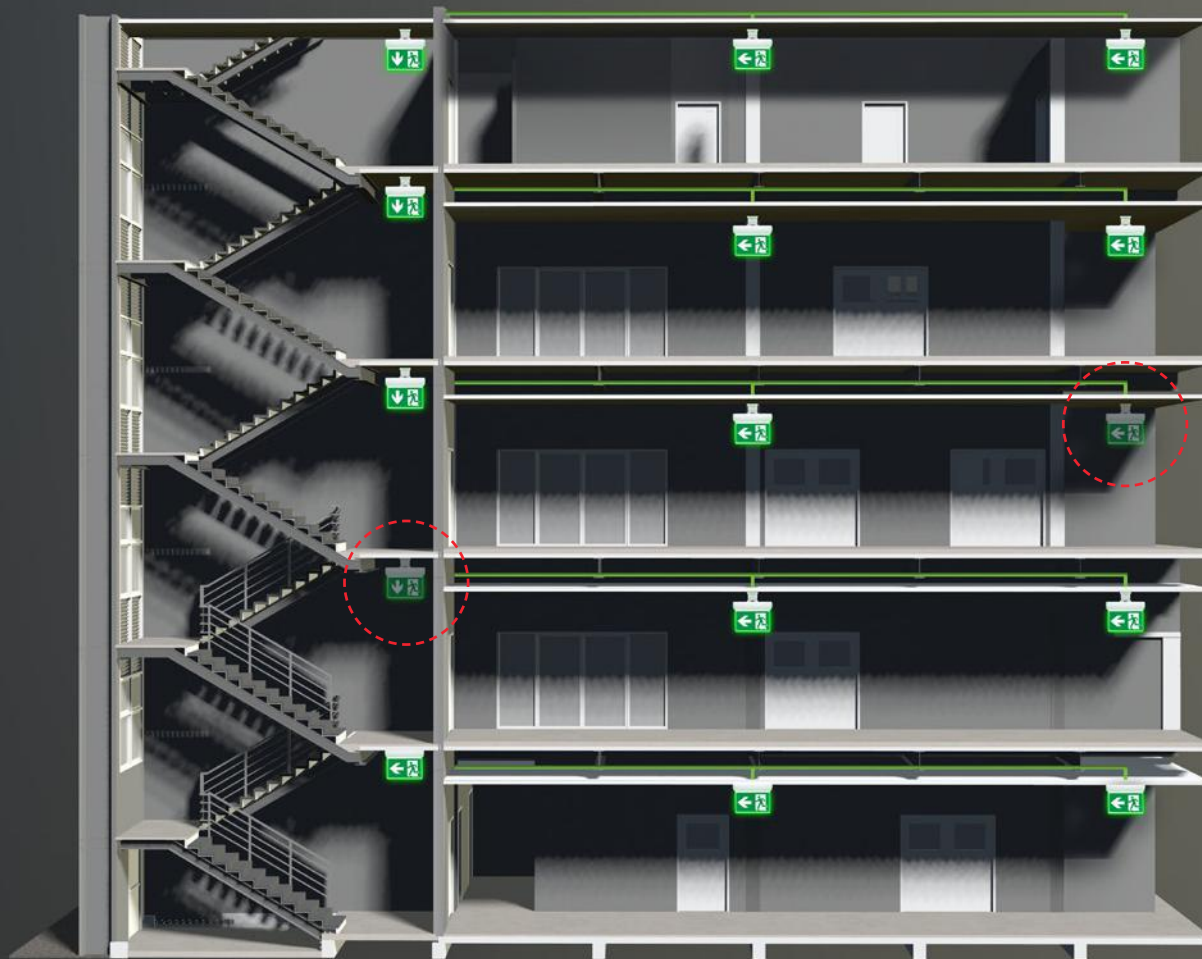


Winners in Street Lighting

Lead Designers Nergiz Arifoglu

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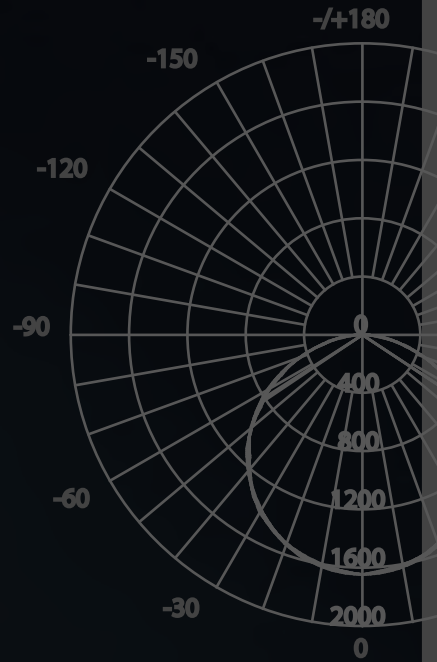
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3. - 8.3.2024
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NEW ACOUSTIC LIGHTING BY FELTOUCH: RA

Feltouch, which produces Sustainable Acoustic Designs from Turkey to the world, presents Ra acoustic lighting collection to the taste of professionals. Designed by Ayça Akkaya Kul, the collection is inspired by the energy of the Egyptian Sun God Ra, bringing ancient mythology to contemporary interiors.



The Ra Collection is meticulously designed to add elegance and functionality to any space, offering hanging lighting, an unlit acoustic version and wall lighting options. Available in various sizes of 70x120, these pieces offer versatile solutions for those who want to use different products in their interior design.

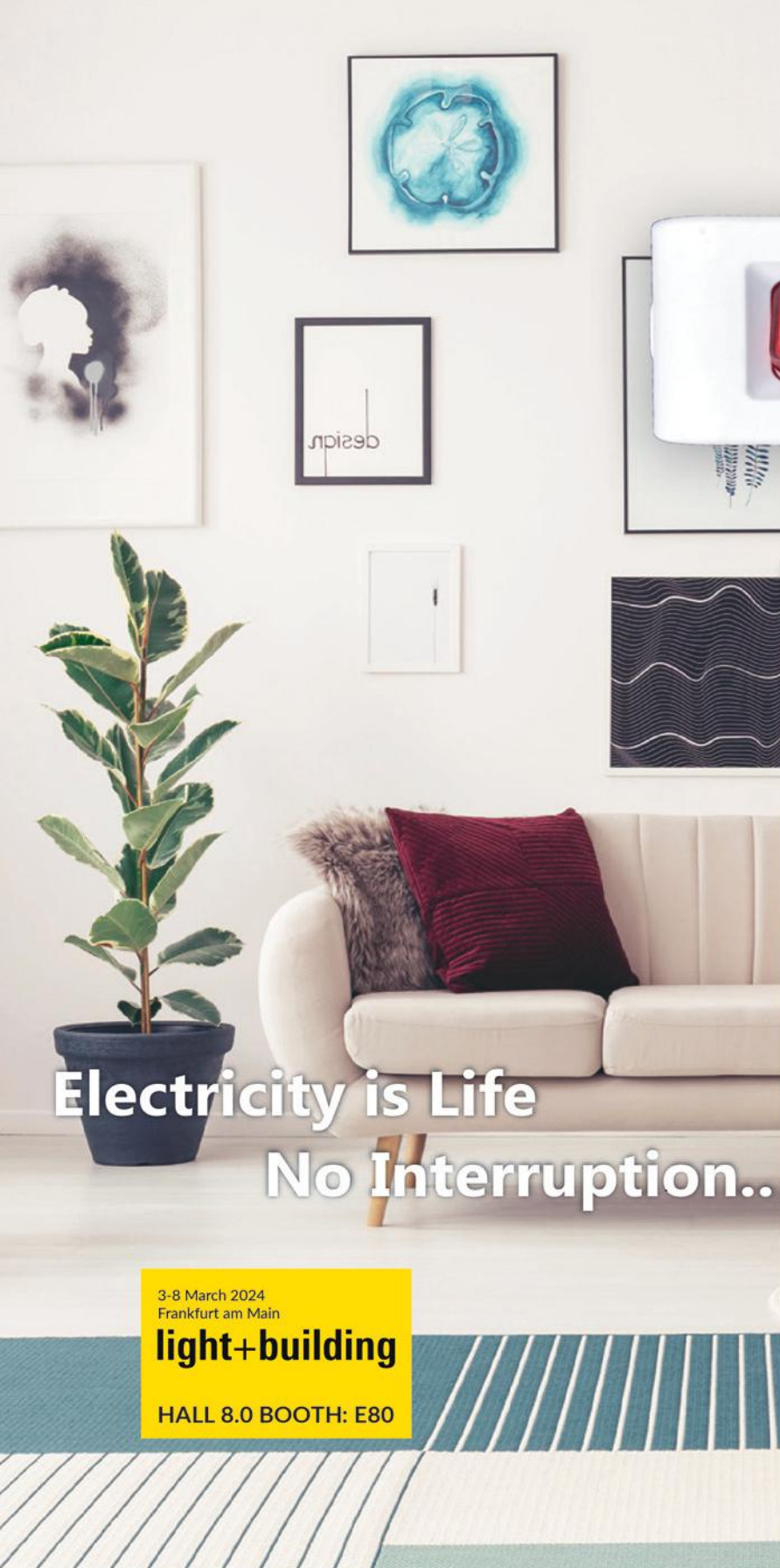
Personalise Your Lighting Experience

Natural and Mandarin colour options feature 6mm thick natural felt coloured arms attached to a 12mm thick plate section. This feature adds a new dimension by guiding the light reflected from the lighting, allowing unique and original spaces to be created. Thanks to its high acoustic performance, it offers different functions together by reducing the ringing levels that may occur indoors.

3 Dimensional Cyclic Design from 2 Dimensional Material

Since 2020, Feltouch has been prioritising sustainable designs by adopting the principles of circular economy. The Ra Collection is a testament to their commitment to

responsible and environmentally friendly practices. This design is an acoustic lighting designed in accordance with the circular economy method, completely waste-free and waste-free. The material used in the Ra Collection is 100% polyester with a 50% recycled PET content. With each Ra model, Feltouch contributes to the recycling of 14-23 PET bottles, making a positive impact on the environment. These materials not only enhance the aesthetics of interiors, but also offer warmth and acoustic solutions, harmonising style and functionality. For the first time, Feltouch is experimenting with a new technique beyond the forming technology in the production of this lighting design by producing three-dimensional lighting from the plate.



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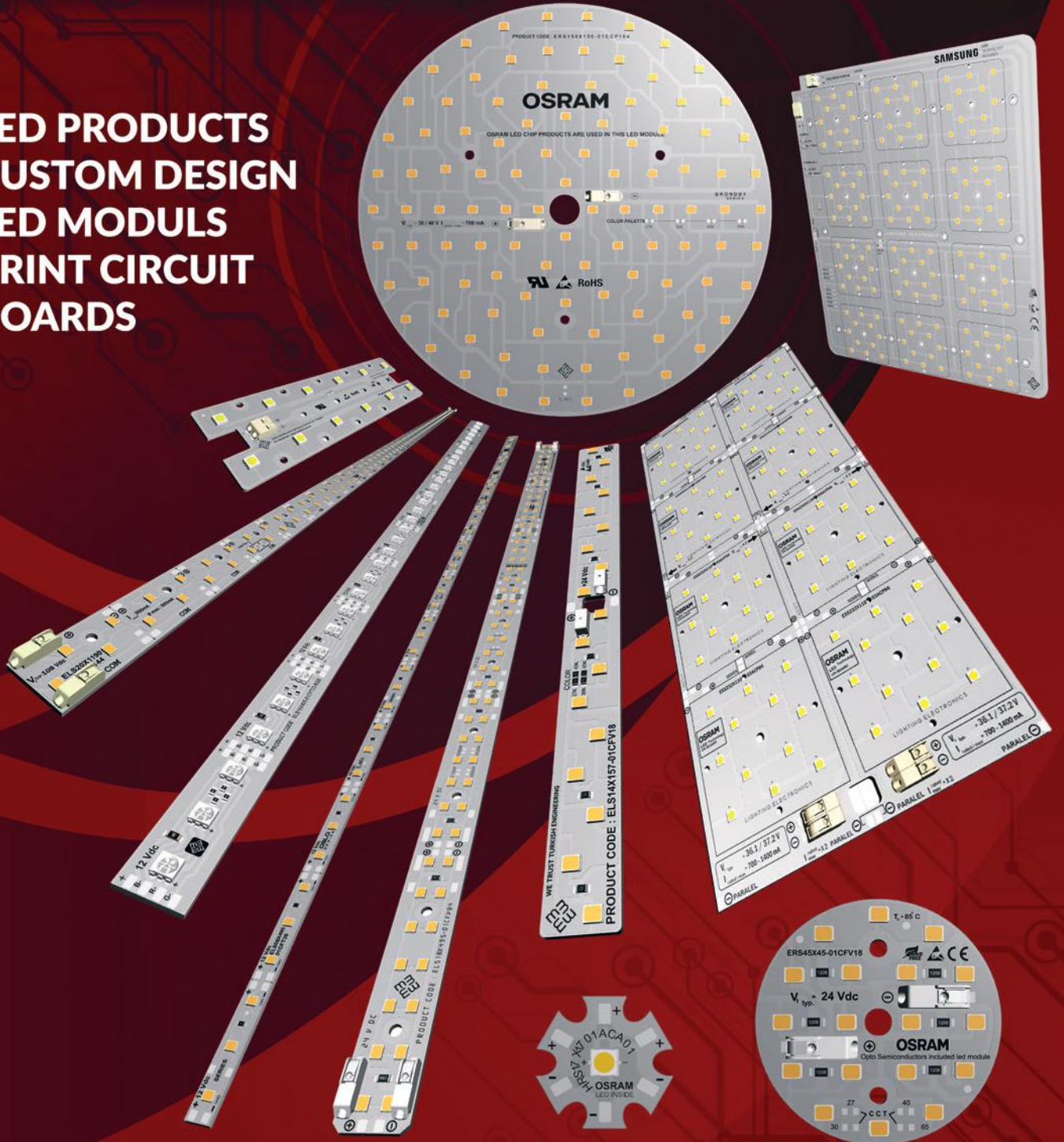
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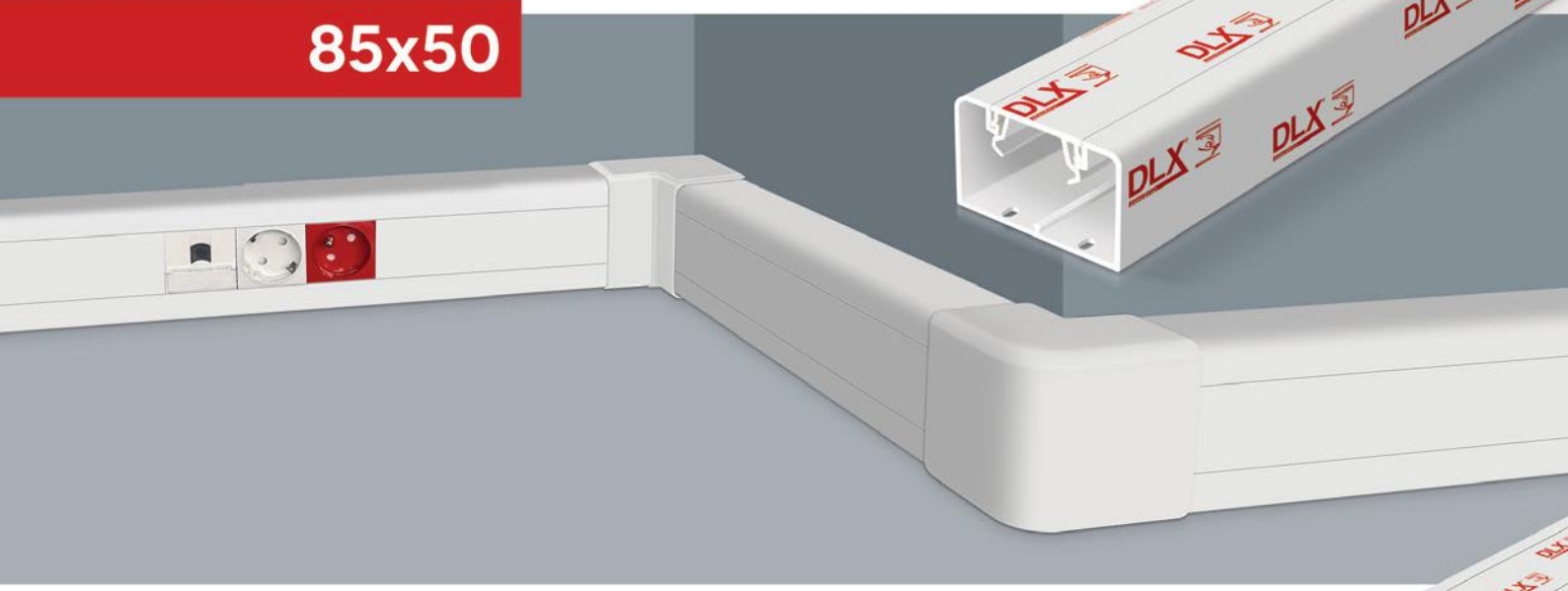
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STAR OF EXPORT AWARD TO FIBRELI

In its corporate change and transformation journey, which started in 2022, Fiberli is working to grow the lighting industry along with its growth targets. In addition to the commercial network it developed domestically, it expanded its export targets by participating in the Turquality programme in 2023. In this context, the company was included in the list of the region's top exporting brands in 2022, determined by the Western Mediterranean Exporters Association (BAIB).

In the list, which covers the provinces of Antalya, Isparta and Burdur, where BAIB announces the export champions in the sector and region every year, with a total annual export of 3.5 billion dollars, Fiberli was awarded as the second most exporting brand in its sector.

At the "Stars of Export" award ceremony where export champion brands were awarded, Cengiz SENTÜRK, Chairman of the Board of Directors of Fiberli, said: "As Fiberli, it is very valuable to be awarded as the export champion in our region. However, believing that we will do even better, we have been included in the Turquality programme, where only 377 brands are accepted in our country. Thus, while increasing our exports in our target markets in the coming years, we will increase our contribution to our country to the same extent." He said.

Fiberli plans to sign many big projects with project business partners in the Middle East for 2024. The company, which also continues many projects in Europe, is one of only two brands from Turkey that are members of the International Association of Lighting Designers (IALD), one of the world's most respected architectural communities.



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Impact resitant

650°C glow wire test for standart type

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Steinless stell screws for cover

Steinless temm base plate

Lock system

Design provided installation for DIN rails and terminals

Suitable to assembly low vollage swichtchgear equipment



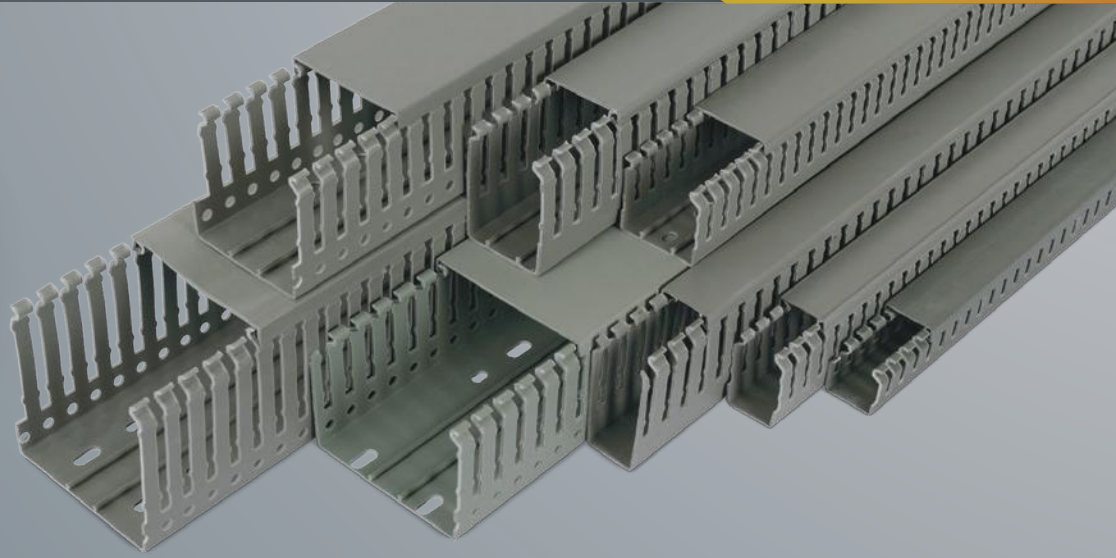
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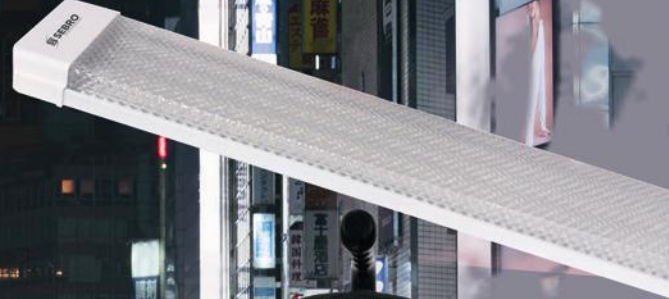
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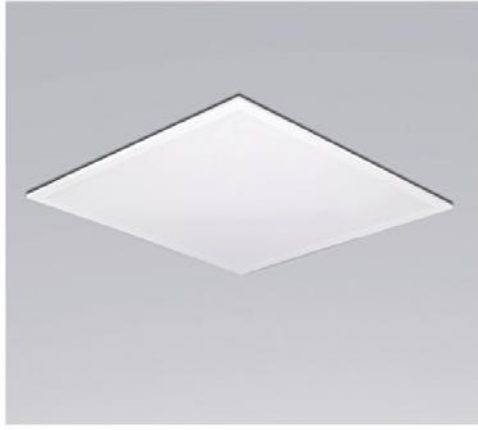
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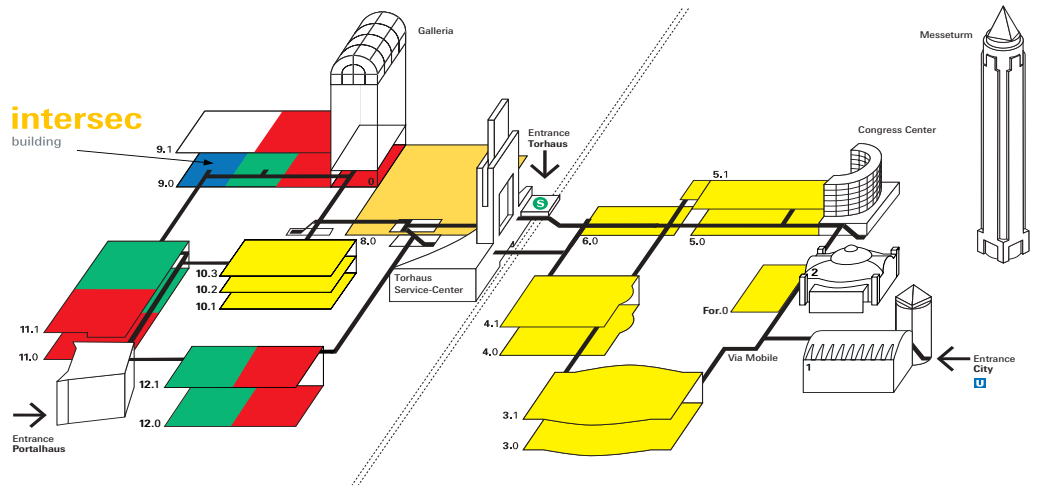
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Erse Cable	12.1, E75

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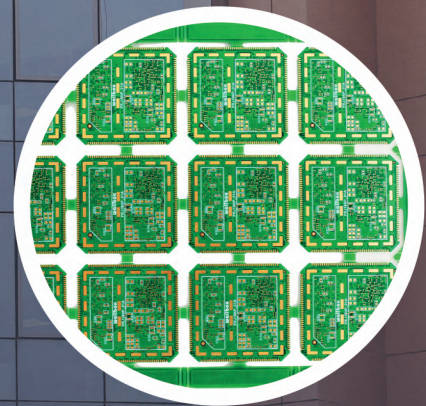
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