

news +++ Guangzhou International Lighting Exhibition  
China Import and Export Fair Complex, Guangzhou, 9 – 12 June 2024

## guangzhou international lighting exhibition

### Eight themed halls to demonstrate the diverse applications of light at GILE 2024

**Guangzhou, 18 April 2024. For 29 years, Guangzhou International Lighting Exhibition (GILE) has been a partner to the lighting industry, bearing witness to remarkable advancements in lighting technology. Building upon the solid foundation of traditional lighting exhibitions, this year’s edition aims to provide a more immersive experience for visitors, through eight meticulously curated themed demonstration halls, each offering unique insights and captivating displays. From 9 – 12 June 2024, over 200,000 lighting professionals are expected to gather to do business across 26 halls at the China Import and Export Fair Complex.**

Since Thomas Edison patented the first incandescent light bulb in 1879, the lighting industry has continuously evolved. From traditional lighting to LED replacement, to the integration of smart technology, low-carbon and human-centric lighting, resulting in the “Light +” era of today, where the applications of light appear to have no limits.

Ms Lucia Wong, General Manager of Messe Frankfurt (HK) Ltd commented on the state of the industry in the “Light +” era: “Driven by the Artificial Intelligence of Things (AIoT), smart lighting is experiencing a surge in popularity, with added convenience, sustainability and customisation options open to consumers. The rapid development of full spectrum lighting and the growing consciousness around health, have created the need for well-being lighting that includes features like adjustability, synchronisation of our circadian rhythms with the natural light cycle and low blue light technology. In addition, lighting design that incorporates biophilic design with the use of eco-friendly materials, recyclable components as well as low carbon technology contributes overall to the enhancement of both residential and commercial spaces. The industry is committed to minimising its environmental impact and nurturing a more sustainable future.”

#### **Eight themed halls to showcase the infinite possibilities of light**

GILE 2024 will build upon the theme of “Light +”, extending the applications of light to more industries and sectors, representing a wider range of products and technologies. The show will introduce more precise matching services to help bring the industry together to work towards achieving infinite applications of light. As such, eight themed halls will feature at this year’s edition showcasing different applications of light, namely, Light + Lifestyle, Light + Aesthetics, Light + Art, Light + IoT, Light + Biology, Light + Agriculture, Light + Display, and Light + Energy.

#### **Light + Lifestyle and Light + Aesthetics (Hall 10.1): Design Aesthetics**

GILE will collaborate with Luce e Design to host a zone focusing on design aesthetics in Hall 10.1 of Zone B. Top lighting brands and designers from around the world will be

invited to participate, creating a space that integrates art, design, and creativity that bridges the gap between Eastern and Western design philosophies.

### **Light + Art (Hall 3.1): The 4th Light Art Exhibition – “Metamorphosis”**

The “Light Art Exhibition” is jointly organised by the Guangzhou International Lighting Exhibition and Guangzhou Alighting IoT & Technology Co Ltd, with three successful editions held thus far. The Light Art Exhibition aims to invite renowned designers and lighting brands to collaborate on creating light art pieces that are visually appealing, culturally relevant and provide socio-economic value. In doing so it aims to promote innovation, international cooperation and creativity in the Chinese lighting industry. Under the theme of “Metamorphosis”, the 4th Light Art Exhibition will be held in Hall 3.1 and will explore the integration of lighting technology and art as well as the mutual benefits this cooperation provides. To do this, it will forego the traditional exhibition format to create a more interactive and engaging experience for the audience. A “closed-loop” visiting route will break down barriers between exhibitors and visitors, who will be guided through a well-designed path that connects different exhibition areas, ensuring a seamless and immersive experience. To boost participation and engagement, elements of gamification will be incorporated, including challenges, where visitors can participate in specific activities or tasks and check-ins to mark progress or completion of certain stages, interactions with exhibits or fellow visitors, and gain rewards for achievements or milestones.

### **Light + IoT (Hall 9.2): Smart and Healthy Lighting Ecosystem**

The integration of cloud computing, AI and luminaires has expanded the boundaries of lighting technology. With smart lighting systems playing a more significant role in homes, personalisation is becoming a key trend, where industry players will need to increase the functions of lighting to suit the individual needs of the user. Hall 9.2 will feature over 100 brands showcasing intelligent controls and dimming, smart chips, modules, IoT, cloud platforms, sensors, communication modules, communication protocols, smart devices, smart homes and smart lighting solutions.

### **Light + Energy (Hall 5.1): Gaoyou Street Lighting Pavilion**

With the rise of smart cities, urban public infrastructure is becoming progressively integrated with digital technologies with urban facilities increasingly interconnected through the use of sensors, communication devices and data analytics. Smart street lighting poles have become an important carrier and one of the most effective starting points for smart city construction. At this edition of GILE, a pavilion covering street lighting will be set up in Hall 5.1 to showcase cutting-edge technology and designs in collaboration with the Gaoyou Lighting Association. Additionally, in response to the trend towards reducing carbon emissions, there will be exhibits related to solar street lighting, smart street lighting control systems, as well as supporting products for smart street lighting poles, smart landscape lighting poles, smart traffic signal poles, smart poles, power supplies, intelligent control systems, gateways and more.

### **Light + Display and Light + Energy (Hall 5.2): New Display Application Pavilion and New Energy Storage Pavilion**

GILE will collaborate with Hangjia Display to introduce two new themed pavilions: the New Display Application Pavilion and the New Energy Storage Pavilion.

The New Display Application Pavilion will cover LED displays, Mini/Micro LED displays, and extend to applications in film, home, education, conferences, and commercial

markets. The pavilion will gather leading brands in the LED and display industry, integrating end users such as homeowners, contractors, overseas buyers, the education market, and government to promote new business opportunities.

To promote the development of the new energy storage industry and contribute to achieving goals of carbon peak and carbon neutrality, the newly established New Energy Storage Pavilion will showcase a variety of commercial and household energy storage products. The area will target professional visitors from ESG-compliant factories, zero-carbon industrial parks, commercial buildings, microgrids, charging stations, data centres, and innovative energy storage application professionals.

### **Light + Biology and Light + Agriculture (Hall 5.2): Bio-optics and Smart Agriculture Pavilion**

Thanks to supportive policies and strong market demand, smart agriculture is undergoing an explosive period of growth in China. With the close integration of bio-optical lighting, advanced sensors, communication and network technology, artificial intelligence and other digital technologies, the field of bio-optics has shown unprecedented potential. This deep integration will not only promote the continuous upgrade of intelligent breeding solutions but also greatly improve the production efficiency of agricultural facilities and enhance the quality of agricultural products. In 2024, GILE will once again collaborate with the China Association of Agricultural Mechanisation to organise the Bio-optics and Smart Agriculture Pavilion, exploring the cross-disciplinary integration of smart agriculture and bio-optics.

Guangzhou International Lighting Exhibition and Guangzhou Electrical Building Technology are part of Messe Frankfurt's Light + Building Technology fairs headed by the biennial Light + Building event. The next edition will be held from 8 – 13 March 2026 in Frankfurt, Germany.

Messe Frankfurt organises several trade fairs for the light and building technology sectors in Asia, including Shanghai Intelligent Building Technology, Shanghai Smart Home Technology and Parking China. The company's lighting and building technology trade fairs also cover the markets in Argentina, India, Türkiye, the UAE and the USA.

For more information on Light + Building shows worldwide, please visit <http://www.brand.light-building.com>. For more information regarding the lighting shows in China, please visit <http://www.light.messefrankfurt.com.cn> or email [light@china.messefrankfurt.com](mailto:light@china.messefrankfurt.com).

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### **Background information on Messe Frankfurt**

The Messe Frankfurt Group is the world's largest trade fair, congress and event organiser with its own exhibition grounds. With a workforce of some 2,300\* people at its headquarters in Frankfurt am Main and in 28\* subsidiaries, it organises events around the world. Group sales in financial year 2023 were more than € 600\* million. We serve our customers' business interests efficiently within the framework of our Fairs & Events, Locations and Services business fields. One of Messe Frankfurt's key strengths is its powerful and closely knit global sales network, which covers around 180 countries in all regions of the world. Our comprehensive range of services – both onsite and online – ensures that customers worldwide enjoy consistently high quality and flexibility when planning, organising and running their events. We are using our digital expertise to develop new business models. The wide range of services includes renting exhibition grounds, trade fair construction and marketing, personnel and food services.

Sustainability is a central pillar of our corporate strategy. Here, we strike a healthy balance between ecological and economic interests, social responsibility and diversity.

For more information, please visit our website at: [www.messefrankfurt.com/sustainability](http://www.messefrankfurt.com/sustainability)

With its headquarters in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent).

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\* Preliminary figures for 2023