

**28<sup>th</sup>**

The most influential and  
comprehensive lighting  
and LED event in Asia



[www.light.messefrankfurt.com.cn](http://www.light.messefrankfurt.com.cn)

**guangzhou international  
lighting exhibition**

**9 – 12 June 2023**

China Import and Export Fair  
Complex, Guangzhou, China



# Connecting industries with "Light +"

Forming part of the Light + Building portfolio of trade fairs around the world, the next edition of Guangzhou International Lighting Exhibition (GILE) will be held from 9 – 12 June 2023.

As the most influential and comprehensive lighting event in Asia, GILE 2023 will continue to shoulder the responsibility of promoting exchanges between different industries, and also undertake the mission of driving forward the development of the lighting industry.

Under the concept of "Light +", GILE 2023 will highlight the importance of transitioning towards green and sustainable lifestyles, and achieving transformative changes through a combination of new technologies, designs as well as cross-industry cooperation. A special focus will be placed on showing how everyone can get involved and work proactively towards the goal of improving human wellbeing, and in doing so create new innovative technologies that achieve tangible results.

## 5 highlighted areas



**Smart city**

**Indoor spaces**

**Art**

**Horticulture**

**Metaverse**





## Light + Smart city Safe & convenient cities

Between 2017 and 2022, research shows that the implementation of smart street lighting has grown from 61% to 72% and is expected to continue.<sup>1</sup>

While street lighting currently helps residential and commercial areas to be more accessible and safe, in the future, it is expected that street lighting can provide city authorities with useful information, such as observing traffic flow.

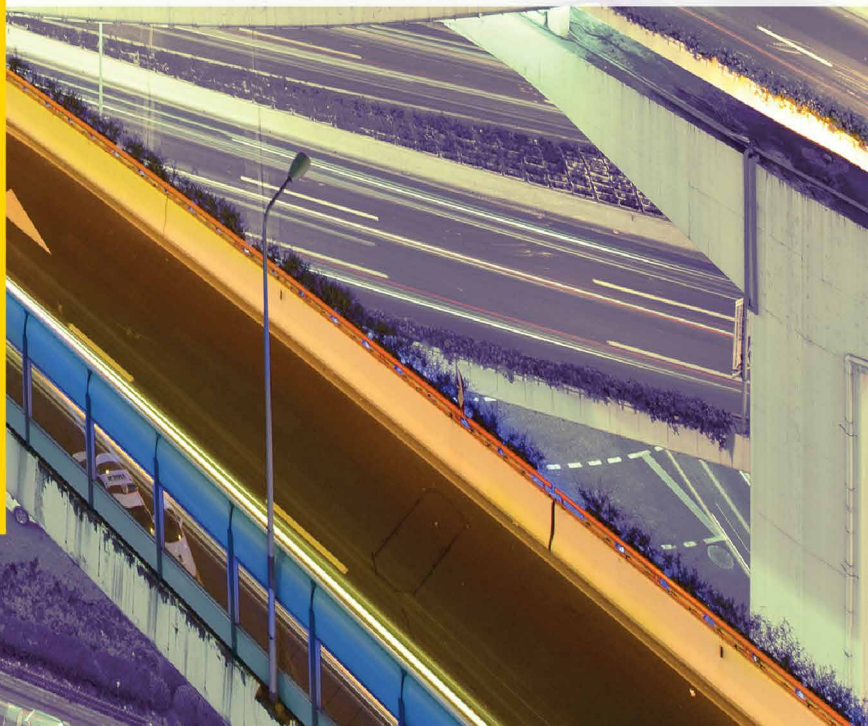
<sup>1</sup> "Wi-SUN Alliance Report Shows Investment in IoT is Critical to Remain Competitive as Organizations Face Fresh Challenges in 2022", Wi-Sun Media, 29 March 2022, <https://qr.messe-frankfurt.com/60ed9> (Retrieved 25 October)

## What to expect at GILE 2023?

The fair will showcase the latest trends in street lighting, including multi-functional lampposts, smart controls and central management systems, demonstrating how advanced technologies can be applied.

Key highlights include:

- Reduced skyglow and light pollution
- Harmonised city lighting impressions
- Improving the quality of light
- Sustainability





# Light + Indoor spaces

## Creating livable spaces

With the shift in focus from energy efficiency to smart solutions, lighting controls and smart bulbs are gaining increasing popularity.

The lighting market's technological advancements have transformed areas such as LED lighting, resulting in smart bulbs that can connect to the Internet and even play music.

Moreover, customisable smart controls and motion sensors enable users to turn lights on and off across multiple rooms remotely.



## GILE 2023 will feature...

The smart-health crossover demonstration pavilion, occupying three halls, which will showcase the entire smart and healthy lighting supply chain including:

- Smart lighting applications and solutions, IoT lighting systems
- Smart home solutions and smart audio-visual systems
- Smart lighting control systems and power supply
- Radar and sensors
- IoT solutions, communication technologies and protocols
- Hardware and software for smart lighting
- Optical technologies

The pavilion will encourage further cross-industry cooperation and satisfy the needs of product users, system integrators and distributors.







# Light + Art

## Connecting through light

Choosing the right lighting for any space can be a complex decision. Considerations need to be made with respect to the purpose, form and function of the lighting application.

Design and aesthetics also play a role in the equation. With so many options for lighting on the market, it takes specialised knowledge and understanding to determine the best fit for any given space.

## Artistic installations on display at GILE 2023

A “**Light art exhibition**” will take place in a dedicated hall at GILE 2023. An assortment of renowned lighting designers and brands will form a cross-industry team to co-create and display a series of light art works with visual impact and profound cultural significance.





## Light + Horticulture

### The future of sustainable food

According to the Shenzhen Facility Agriculture Association, China has over 3.6 million hectares worth of greenhouse farms, accounting for 80% of the world's indoor farming facilities. This suggests many opportunities are available in the country's horticultural lighting sector.

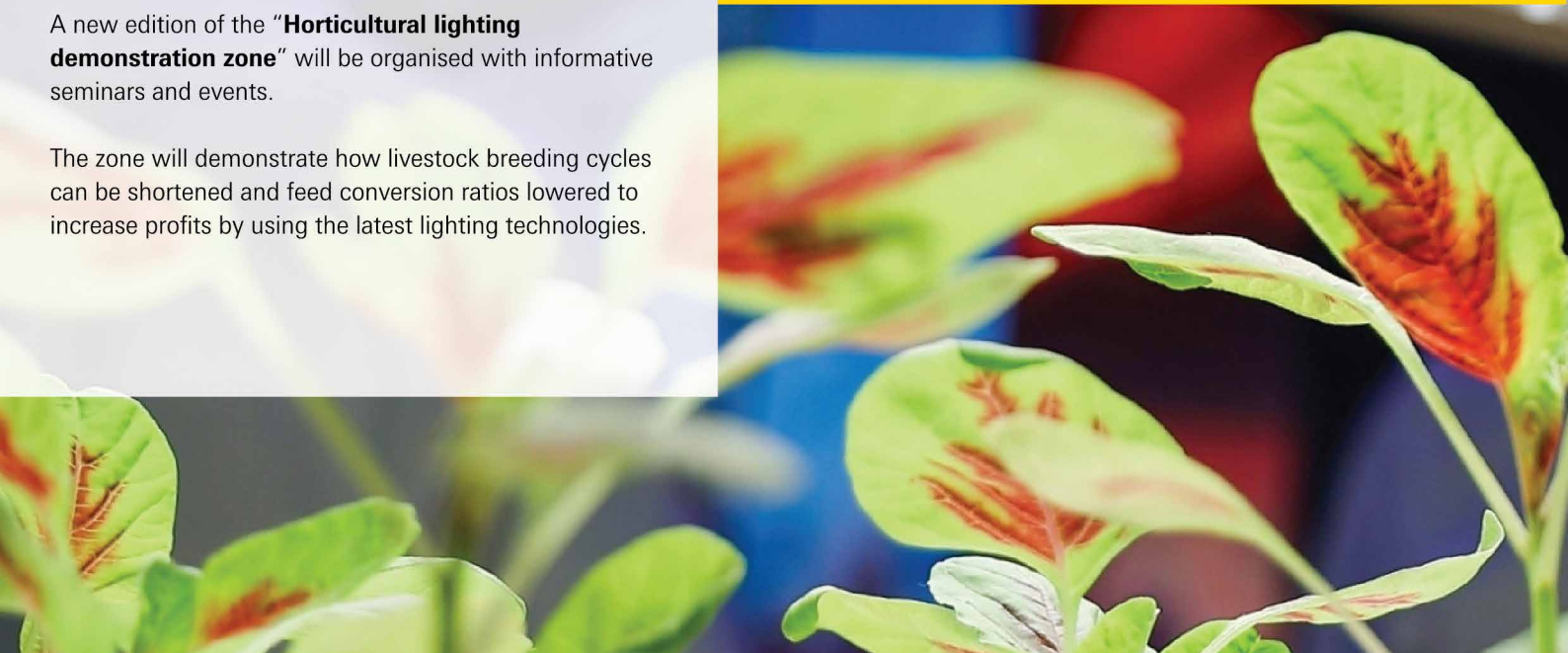
The market could reach a value of approximately USD 75 billion<sup>2</sup> in the next few years should the application of these technologies be accelerated. If the agrivoltaic sector is also taken into account, then this number could be expected to double.

<sup>2</sup> "Global \$75+ Billion Indoor Farming Markets to 2028", GlobeNewswire, 2 November 2021, <https://qr.messefrankfurt.com/qa1ec> (Retrieved 31 October 2022)

## Lighting and horticulture at GILE 2023

A new edition of the "**Horticultural lighting demonstration zone**" will be organised with informative seminars and events.

The zone will demonstrate how livestock breeding cycles can be shortened and feed conversion ratios lowered to increase profits by using the latest lighting technologies.







## Light + Metaverse LED displays meet the “Metaverse”

Glasses-free 3D technology represents a huge step forward towards the world of the “Metaverse”. While we can only rely on VR/AR devices to connect to and visualise the Metaverse at present, to really immerse ourselves into this new world, high resolution LEDs with rapid refresh rates are essential. As a result, micro LED and micro OLED display technologies have risen to great prominence in recent years.

Naked-eye 3D LED display technology has brought us immersive and impactful visual experiences that can be applied to shopping malls, commercial buildings and landmarks.

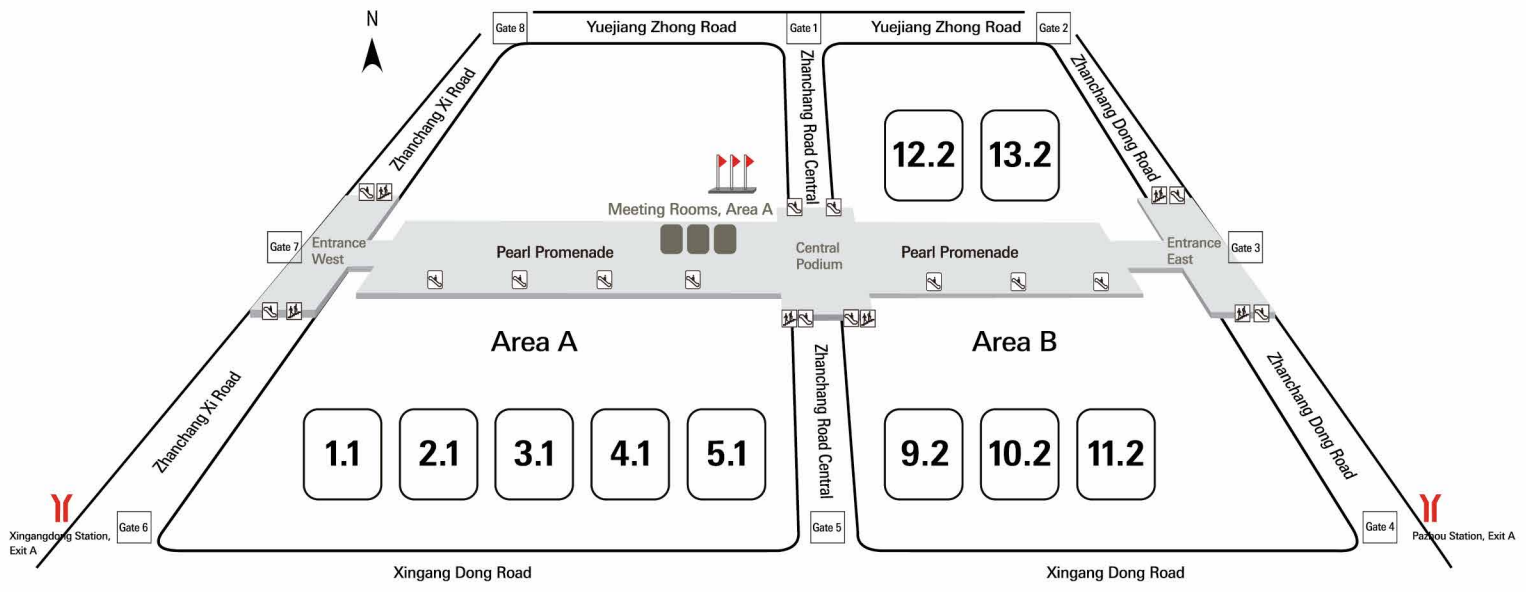


## GILE 2023 leads you to the future

A showcase of the latest technological advancements in diversified LED display screens will enable our visitors to immerse themselves in a virtual world at the fairground. This will allow the audience to enjoy the results of “hardware + software + storyboard + interaction” in a space that blurs the lines between the virtual and the physical.



# Cover the entire new lighting ecosystem



## Product categories at GILE 2023

### Smart lighting solutions and technology

- Smart lighting applications
- Smart lighting control
- Dimmers and switches
- Sensor technology
- AIoT technology

### Lighting production components and equipment

- Optical components
- Lighting accessories
- Testing and measurement equipment

### Power supply, drivers, electronic components

- LED light sources
- Power supply
- Drivers and electronic technology
- LED modules

### Luminaries

- Residential lighting
- Commercial lighting
- Industrial lighting
- Architectural lighting
- Street lighting
- Lighting art
- Light sources

### LED technology

- LED chips
- LED packaging
- LED speciality applications



Maximise your  
business  
exposure and  
showcase your  
latest products

GILE 2022 gathered...



1,288

exhibitors from

13

countries and regions\*



across

110,000 sqm

of exhibition space\*



\*Figures are from the 2022 edition shared with Guangzhou Electrical Building Technology (GEBT)



## Industry related

- Architects
- Designers
- Energy suppliers
- Building owners
- Building contractors
- Planners & engineers
- Property developers
- Housing & property managers
- IoT platform developers & providers
- Smart lighting solutions providers

## Get direct access to high quality buyers

Meet strategic partners under one roof

## Trade related

- Importers
- Exporters
- Wholesalers & distributors
- Buying offices
- Retailers
- Chain stores
- Department stores
- E-tailers

## Authorities

- Construction and planning authorities
- Procurement authorities
- Industrial associations and media
- Manufacturers
- Industry end-users (e.g. hotels, restaurants, performing arts venues, shopping malls and others)

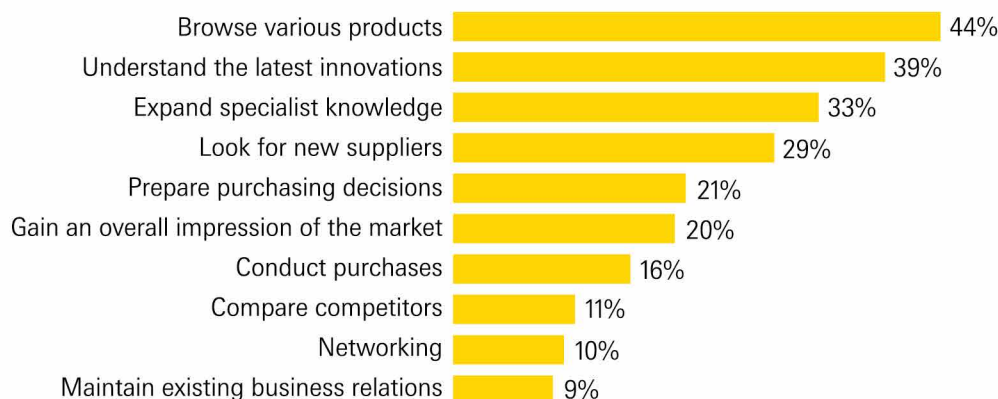
In the 2022 edition, we welcomed...  
**128,202** visitors from  
**58** countries and regions\*



**Satisfied** with their visit  
to GILE 2022 and plan to join again in 2023

\*Figures shared with Guangzhou Electrical Building Technology (GEBT)

## What do visitors look for at GILE?\*



\*Data was gathered from the 2022 onsite survey where participants were allowed to select multiple answers to each question





## Get inspired by the latest trends & connected with an insightful network Gain robust market intelligence

"Smart lighting is becoming more environmentally friendly, energy-efficient and human-centric. For example, lighting products can now change colour temperature automatically in response to different situations. This will be of increasing benefit to users' well-being both physically and emotionally. On the other hand, horticultural lighting solutions will allow agriculture to work in an industrialised environment. This will help us to reduce the human impact on wildlife and their natural habitats."

**Mr Richard Long, General Manager, Shenzhen Tong Yifang Optoelectronic Technology Co Ltd**

"Internet-related solutions are set to play an increasingly important role in lighting. The Internet initially benefited consumer industries in the past, but this market has become relatively saturated. Today, there is a gradual shift towards applying internet technologies to manufacturing to increase firms' industrial output."

**Mr Lin Liangqi, CEO, NVC Lighting**

"Lighting brands need to adapt quickly to create new products to keep up with changes in demand."

**Mr Tang Guoqing, Managing Director, MLS Co Ltd**





# Light + Building Technology Fairs Worldwide



Frankfurt

Buenos Aires

Dubai

Mumbai

Delhi

Shanghai

Guangzhou

Bangkok

light+building

BIEL  
light+building  
BUENOS AIRES

light  
MIDDLE EAST

LED expo  
MUMBAI

LED expo  
NEW DELHI

light+LED expo  
INDIA

shanghai intelligent  
building technology  
shanghai smart  
home technology

parking  
CHINA

guangzhou international  
lighting exhibition  
guangzhou electrical  
building technology

thailand  
building fair

## Show information

### Opening dates and hours

9 – 11 June 2023 09:30 – 18:00  
12 June 2023 09:30 – 14:00

### Venue

China Import and Export Fair Complex  
No 380 Yuejiang Zhong Road, Haizhu District,  
Guangzhou, China

### Organiser

Guangzhou Guangya Messe Frankfurt Co Ltd

### Participation fee

Standard booth (min 9 sqm) RMB 17,000 / 9 sqm  
Raw space (min 36 sqm) RMB 1,600 / sqm

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See you in 2023!

