

## Market Signals Revealed by 2022 Guangzhou International Lighting Exhibition



**Guangzhou, Guangdong Sep 22, 2022 ([Issuewire.com](https://www.issuewire.com))** - The 27th Guangzhou International Lighting Exhibition (GILE), which carried the passion and hope of lighting people, was successfully held at the China Import and Export Fair Complex in Guangzhou. The exhibition gathered 1288 brands from 13 countries and regions and attracted nearly 130,000 visitors from 58 countries and regions to visit the exhibition.

This year, the new species of "bio-lighting" has become the focus of the exhibition. Although many lighting companies have launched grow lights for indoor plants before, it is the first time that they integrate products from different applications under "bio-lighting" and set up thematic exhibition areas. "Bioluminescence" is an integrated technology widely used in agriculture and health fields, such as plant cultivation, livestock breeding, aquaculture, health lighting, and medical beauty. Through the transmission of light energy, it has a significant role in improving agricultural production efficiency and promoting human health and beauty.

During the exhibition, the 2nd China Bio-Illumination Technology Forum was held. Over twenty research experts and enterprise representatives held special forums around five major bio-lighting fields: plant factory technology, industrial hemp spectral technology, bio-lighting technology special session, farming

light and aquatic light, and photovoltaic agriculture and healthy lighting, providing professional technical guidance and innovative ideas for industrial development.

A plant factory is an efficient agricultural system that realizes continuous crop production annually of high-precision environmental control in the facility. It is an agricultural production method that automatically controls environmental conditions such as temperature, humidity, light, CO<sub>2</sub> concentration, and nutrient solution for plant fertility. This new global agricultural technology field is an effective means to cope with climate change and population growth in the future. Cannabis is the main application market for plant light technology, and cannabis lights have produced a huge benefit boost to plant lights. With the gradual liberalization of the global industrial hemp and medical marijuana market, the technology of cannabis lights has put forward new requirements that need to be addressed with a technological innovation mindset. Stereoscopic planting, intensive farming, and photovoltaic agriculture will probably become the main track in the process of industrialization of agricultural industrialization. They mainly concentrate on health lighting in the medical and beauty fields, and 90% of medical and beauty lighting products on the market are currently from Chinese companies.

Bio-lighting is a new field of LED applications. According to statistics, the global market size of bio-photonics is about \$20 billion in 2021, with a compound growth rate of over 20% in these years.

Recommended for your indoor grow shop/plant factory: [Auxgrow- LED plant light supplier](#)

Founded in 2010, Auxgrow is an all-in-one manufacturer specializing in LED grow lights and hydroponic systems. We specialize in producing a range of plant grow lights for vertical farming, greenhouses, medical marijuana, and floriculture. Technological innovation has always been a core part of our value. Currently, there are over 100 people in the Auxgrow family. With strong product development capabilities and 12 years of experience in the horticultural lighting industry, we have developed a great strength manufacturer of horticultural LED grow lights in China. Our grow lights for indoor plants have got authoritative certificates such as CE, ROHS, DLC, SAA, ETL&cETL, FCC, etc. We have a complete production system, from the forging of hardware raw materials, stamping, CNC processing, SMD processing, finished product assembly, and product testing. There are hardware workshops, finished product assembly workshops, and R&D and testing laboratories, with an area of over 3,000 square meters.

We understood that scientific planting is far more complicated than a traditional home and commercial lighting. For this reason, we also offer OEM and ODM services for customers who require specific products for their research or commercial growing applications. We provide leading customized services by developing products together with customers, from hardware structure to spectrum configuration and control systems.

Our service covers all professional plant-growing customer groups, growers, distributors, retailers, online stores and vertical farm enthusiasts, etc. In the past 2 years, despite the influence of COVID-19, we have delivered over 70,000 LED grow lights, 110,000 indoor hydroponic gardens, and 3 large vertical farms worldwide. In 2021, we also donated a vertical farm to a rural high school in China. Students can gain more knowledge about plants through hydroponics.

Auxgrow accepts bulk orders for all [LED plant grow lights](#). You can also become an allowed retailer with us.



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