



For GMKJ/ GMLEDs only!

2025

BUSINESS

GUANGMAI TECHNOLOGY



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Team Building



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• PART 01 •

Company Introduction

→ BACKGROUND

→ HISTORY

→ ORGANIZATION

Company Overview



Guangmai Electronics

**Let Guangmai illuminate the world.
Let the world save energy.**

BACKGROUND

Guangmai Electronics is a company specializing in the manufacturing of semiconductor packaging devices. It owns subsidiaries such as Shenzhen Guangmai Technology Co., Ltd., Guangmai Technology (Hong Kong) Co., Ltd., and Shenzhen OKAY Lighting Co., Ltd., forming a powerful enterprise group.

Technological innovation is the core driving force of Guangmai Electronics. The company holds 68 technical patents and has participated in the drafting of 1 national standard and 2 group standards, showcasing its leadership in industry standards and innovation.

Guangmai Electronics is renowned for its excellent product quality, with applications spanning various fields, including: New energy; 3D printing; Ink drying; Automation equipment; Low-altitude drones; Security; monitoring; Beauty and medical; Disinfection and sterilization; Plant growth lighting; Landscape lighting; General lighting

The company's products are exported to more than 50 countries and regions worldwide, earning widespread acclaim and customer trust in the international market.



Major Milestones

01

- **2008** Founded the Guangmai brand, focusing on semiconductor packaging
- **2012** Established Guangmai Technology (Hong Kong) Co., Ltd., specializing in international trade
- **2013** Founded Shenzhen OKAY Lighting Co., Ltd., focusing on OEM manufacturing in the lighting field.
- **2018** Established Shenzhen Guangmai Technology Co., Ltd., focusing on military industries.
- **2020** Founded Shenzhen Feisu Cutting Co., Ltd., specializing in laser cutting.



Company Development History

Start
Point

1989

Established Yongjia Baiyun Button Factory in Wenzhou, Zhejiang in 1989, Founded Yongjia Shengbiao Button Factory and Xingzhe Accessories Co., Ltd in 2002, Constructed two self-owned industrial parks. Achieved annual sales of 80-160 million RMB, operating as a family business.

2002

2005

Established Shengbiao Jewelry Co., Ltd. in Dongyang, Zhejiang, focusing on the production of LED crystal lamp accessories. Built a 20,000m² self-owned industrial park with a building area of 38,000m². Achieved annual sales of 120-180 million RMB.

2009

Founded Shenzhen Guangmai Electronics Co., Ltd., focusing on LED packaging products with an 8,000m² factory.

Company Enevt

2018

Established Shenzhen Guangmai Technology Co., Ltd., focusing on military industries.

2020

Founded a semiconductor laser cutting factory specializing in laser cutting of semiconductor ceramics and other materials.

2023

Reached annual sales of 285 million RMB, including 120 million RMB from Guangmai Electronics.
Invested 100 million RMB to build a 20,000m² industrial park in Zhongshan, aimed at establishing a headquarters for technology sales and expanding production automation equipment.
Expanded the production capacity of medium-power LED products to 100KK/month and established research and development collaborations with over three universities.

2024

company
course

Company Honors

- Recognized as one of the Top 100 Chinese LED Lighting Enterprises:
2010, 2012, 2014, 2015.
- Awarded 4A-Level China Quality Credit Enterprise (2013).
- Named a Guangdong Province Integrity Demonstration Unit (2013).
- Vice Chairman Unit of the Semiconductor Industry.
- Executive Vice Chairman Unit of Guangdong Broadcasting Technology.
- Vice Chairman Unit of Shenzhen Lighting and Display Engineering.
- Executive Vice Chairman Unit of Shenzhen SME Promotion Association.
- Technical cooperation with the University of Science and Technology of China.
- Recognized as a Shenzhen Technology Measurement Expert Enterprise.
- Member of the Shenzhen LED Industry Standards Alliance Expert Group.

China TOP100 LED enterprise

Shenzhen Specialized and Sophisticated Enterprise

National High-Tech Enterprise.

Contributor to the National Standard for Plant Lighting.

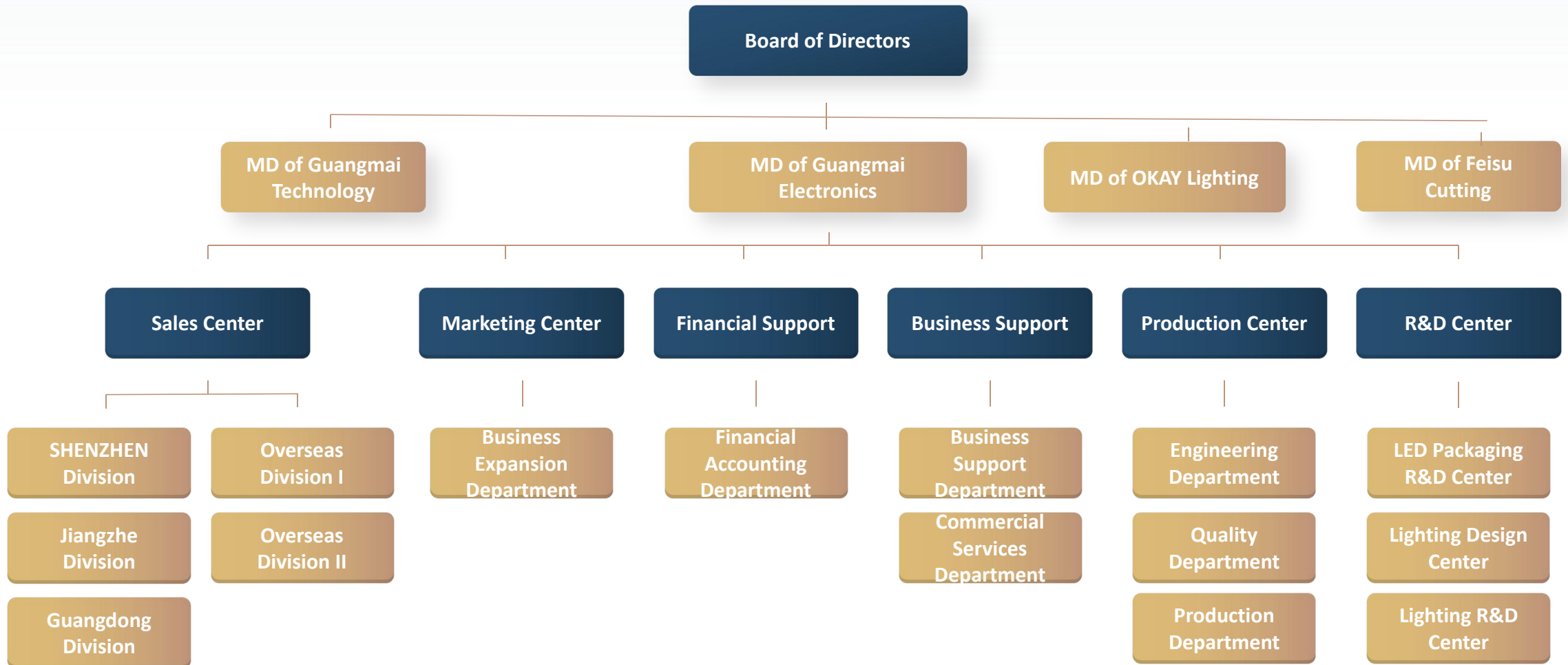
Recognized as an Advanced Party Branch.



Company Qualification



Organizational Structure



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• PART 02 •

Product Introduction

→ Lighting
Applications

→ Automotives
Lightings

→ Non-visual
Lightings

→ Stage/ Landscape
lights

→ Plant/ Medical
Lights

Product Introduction

Lighting Applications

Commercial lighting, Outdoor Lighting, Industry Lighting, Mobile Lighting, Ship Spotlight

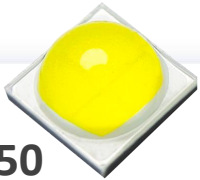
Ceramic 3535



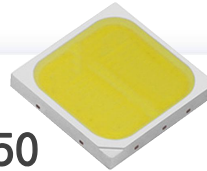
PTC/EMC3030



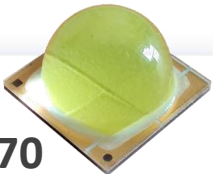
Ceramic 5050



PCT/EMC5050



Ceramic 7070



Product Introduction

Lighting Applications

Commercial lighting, Outdoor Lighting, Industry Lighting, Mobile Lighting, Ship Spotlight

Beam angles

30°-60°-90°-120°

Power

3535 1-10W
5050 10-20W
7070 20-40W

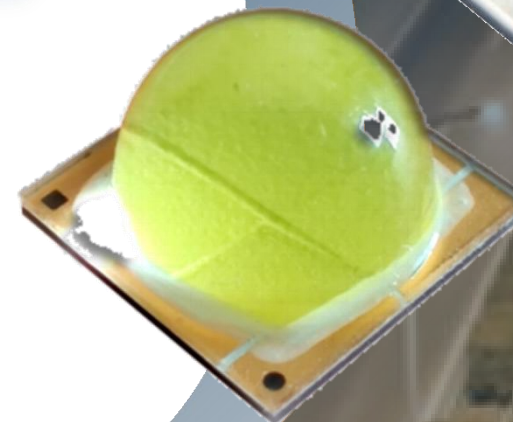
Max LPW

200-220LM/W

Ceramic 3535

Ceramic 5050

Ceramic 7070



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Product Introduction

Lighting Applications

Commercial lighting, Outdoor Lighting, Industry Lighting, Mobile Lighting, Ship Spotlight

Lighting angle

120°

Lighting Efficiency

3030 220-250Lm/W

5050 240-260Lm/W

PCT/EMC 3030

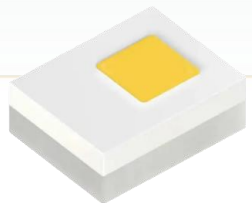
PCT/EMC 5050



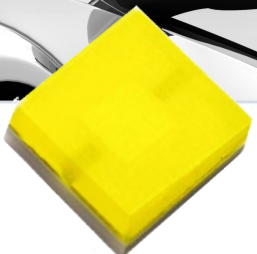
Automotive Lights

Automotive head lights,
Daytime running lights (DRL)

Ceramic 2016



Ceramic 2020



Ceramic 3535



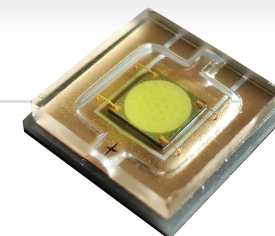
Ceramic 3570



Ceramic 1860

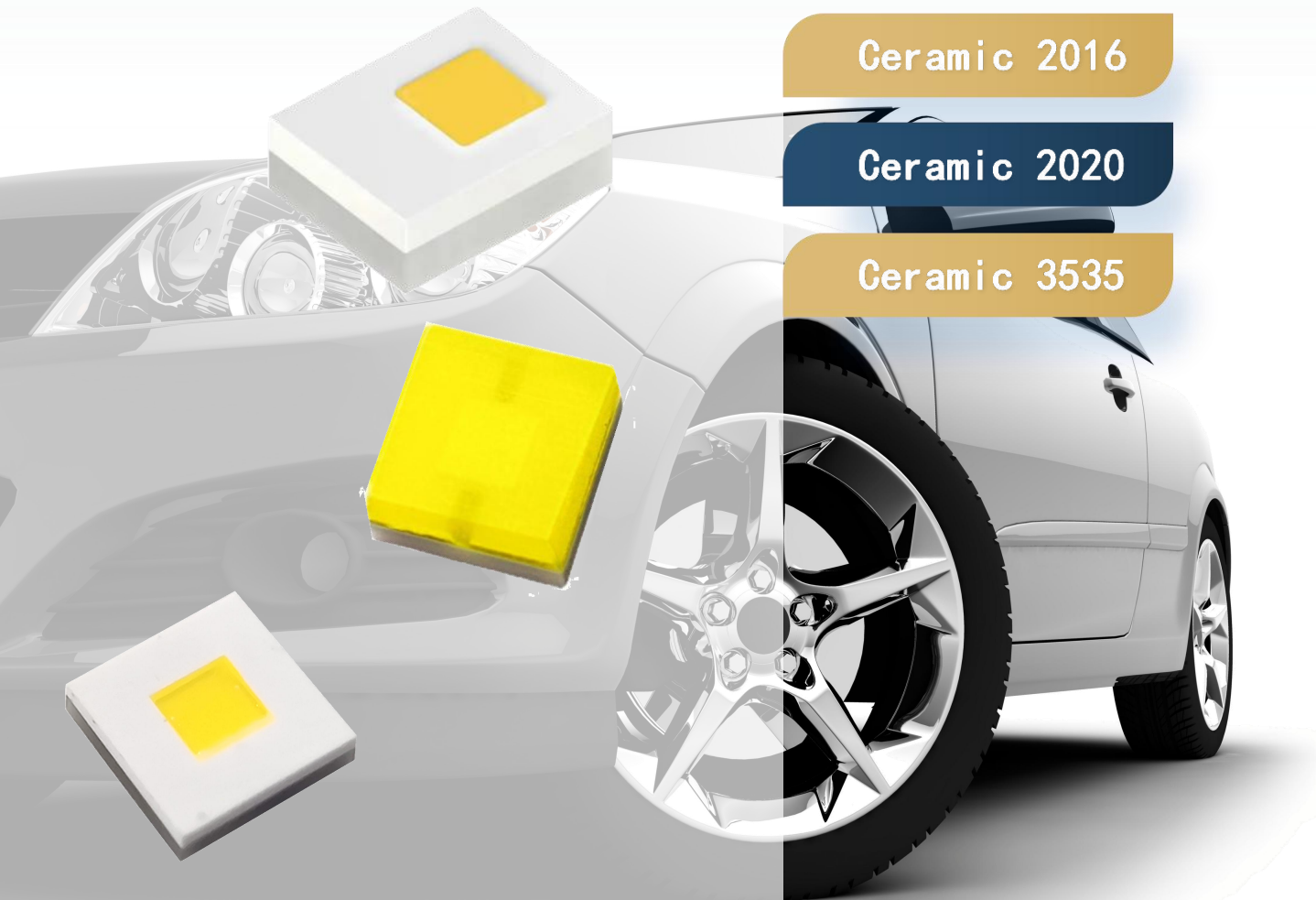


Laser 5050



Automotive Lights

Automotive head lights,
Daytime running lights (DRL)



Ceramic 2016

Ceramic 2020

Ceramic 3535

Power

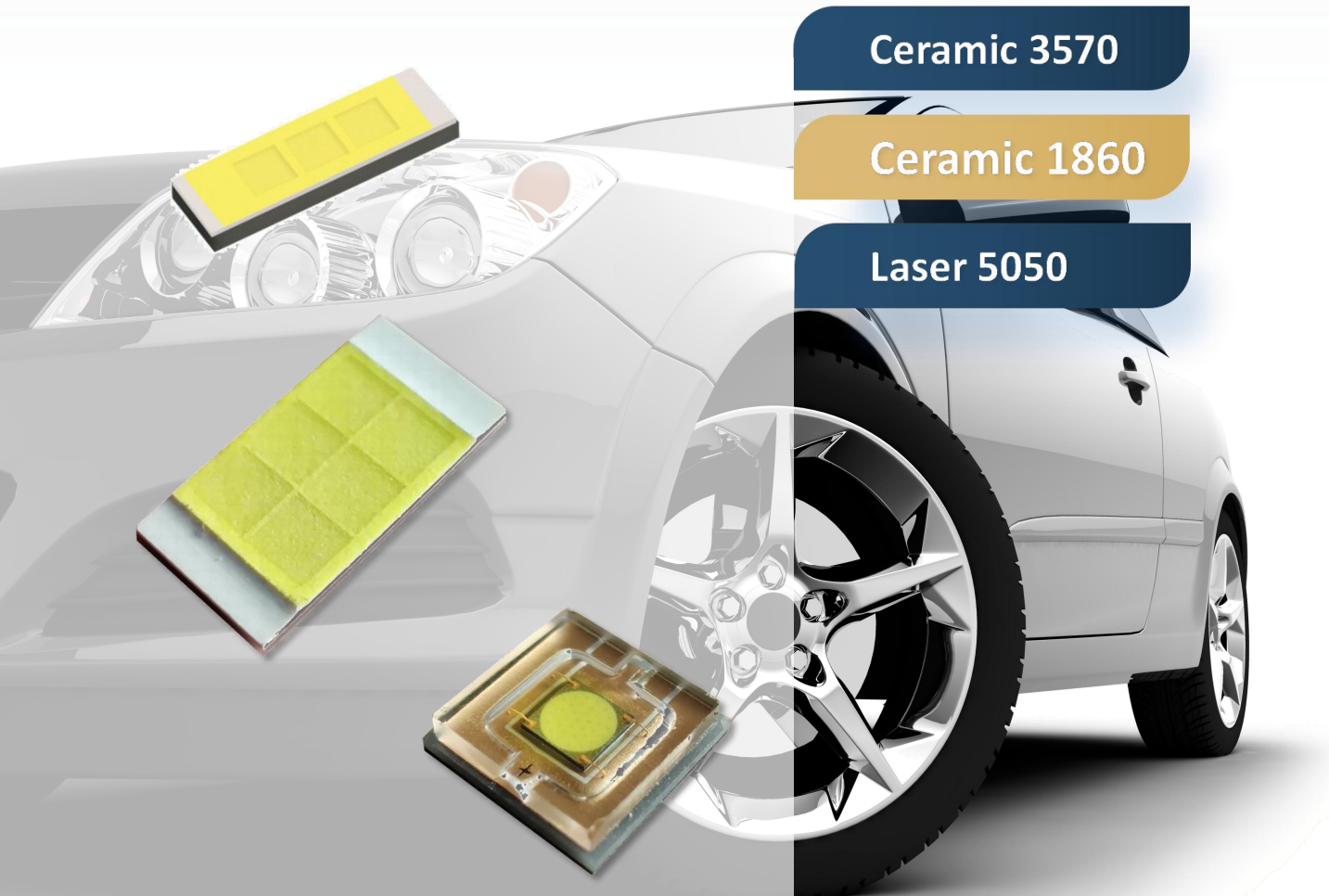
2016 1-3W@1000mA
2020 1-10W@3000mA
3535 1-10W@3000mA

Features

Ceramic base,
Small size with high Wattage, Flip
chip technology

Automotive Lights

Automotive head lights,
Daytime running lights (DRL)



Power

1860 12W@700mA
3570 20-30W@1600mA
5050 10-20W@5000mA

Features

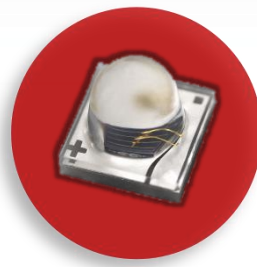
Ceramic base,
Small size with high Wattage,
Flip chip technology

For GMCC/SMILEDs only!

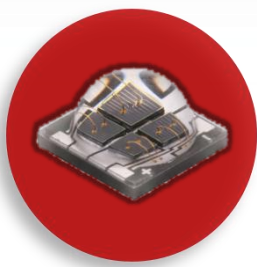
Product Introduction

Non-Visual Applications

IR: Security camera, Visual inspection, IR identify, Industrial heating



Ceramic
3535IR



Ceramic
5050IR



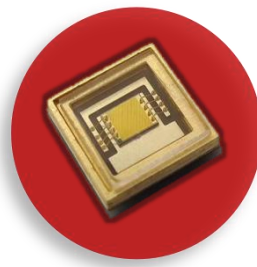
Ceramic
3030IR



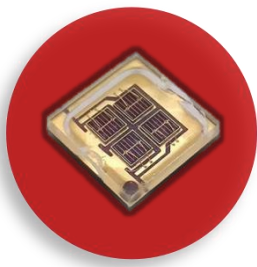
Power
LED IR



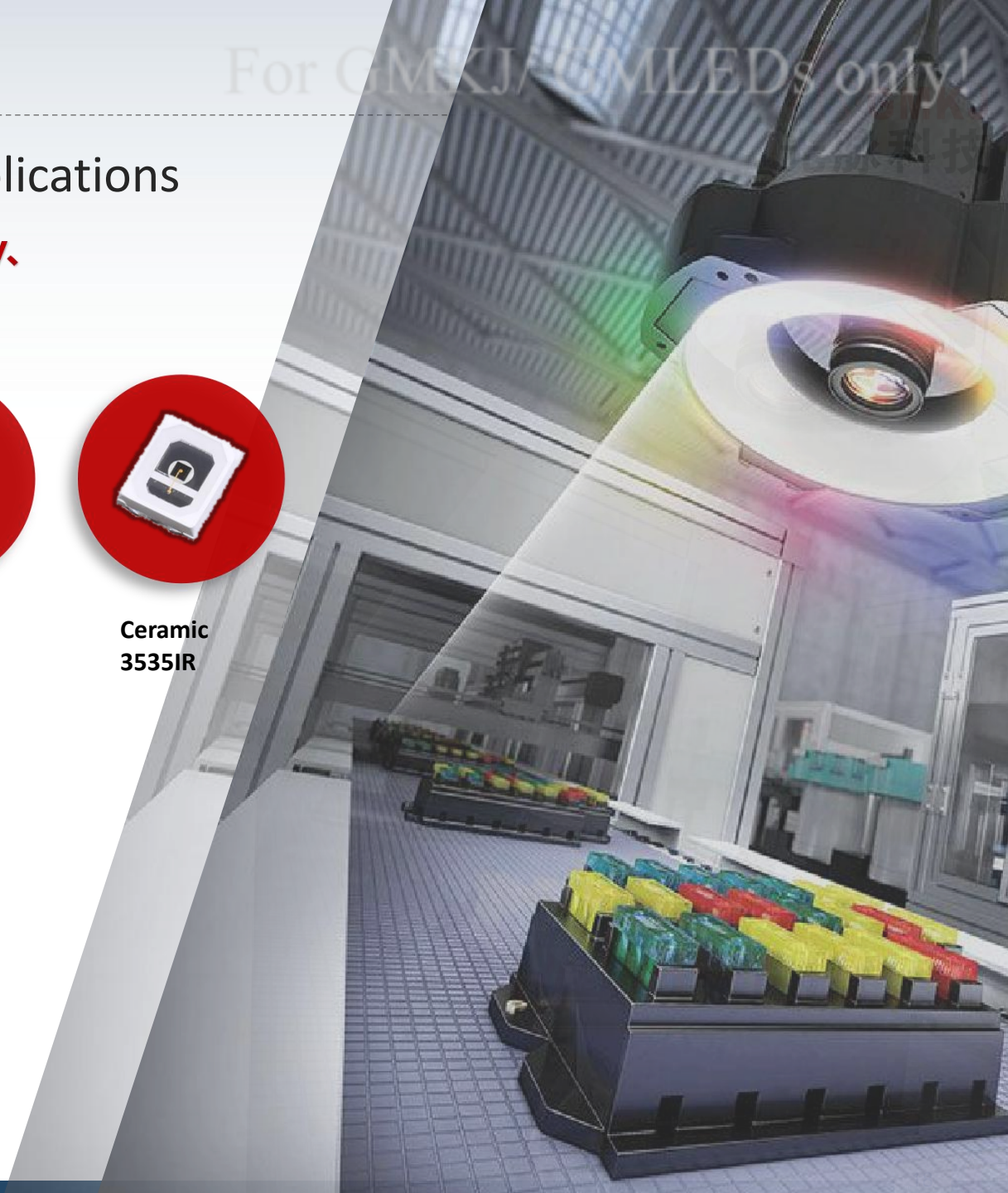
Ceramic
3535IR



Ceramic
Glass
3535VCSEL



Ceramic
glass
3535IR



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Product Introduction

Non-Visual Applications

IR: Security camera, Visual inspection, IR identify, Industrial heating

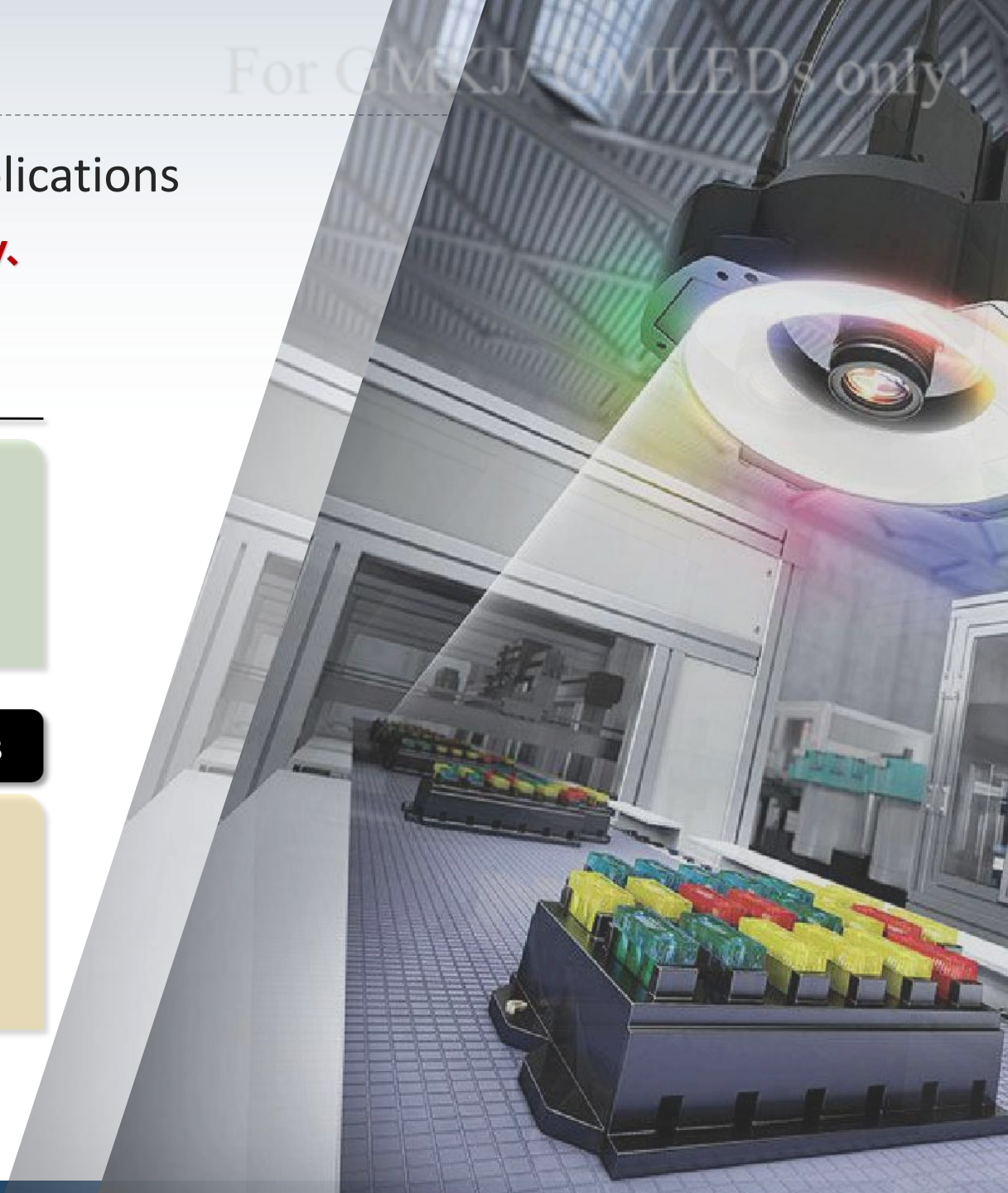


Wavelength

620nm	660nm	730nm	808nm
830nm	850nm	940nm	980nm
1050nm	1200nm	1350nm	1550nm

Features

- High radiation power
- Multi lighting angles
- High reliabilities



Product Introduction

Non-Visual Applications

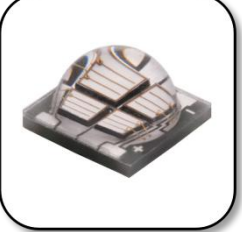
UV-A: Curing, Testing, Modules



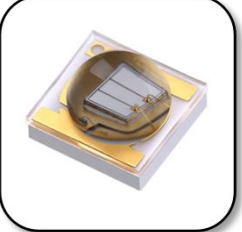
Ceramic 6565



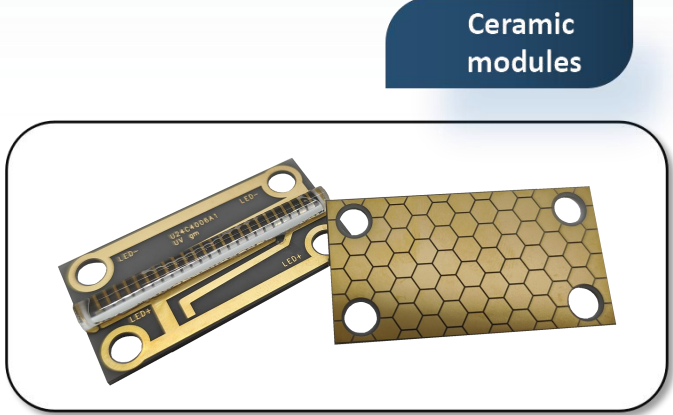
Ceramic 3535



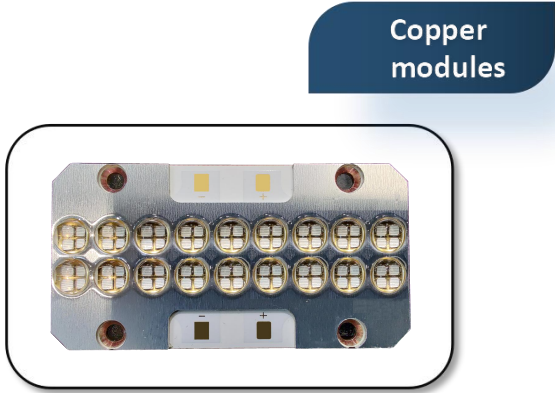
Ceramic 5050



Ceramic 3535



Ceramic modules



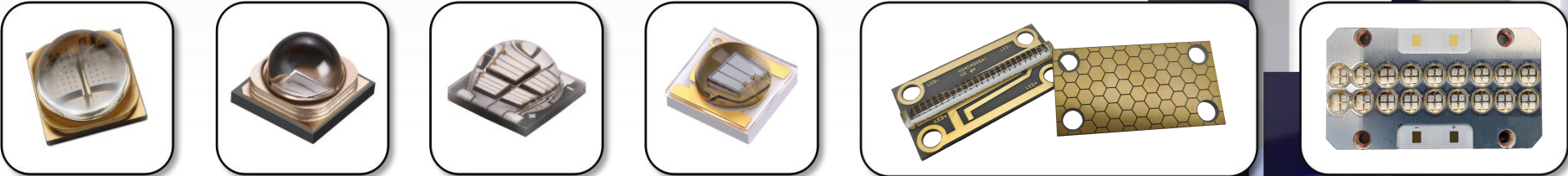
Copper modules



Product Introduction

Non-Visual Applications

UV-A: Curing, Testing, 3D Printing



Wavelength

- 420nm
- 400nm
- 390nm
- 380nm
- 365nm

Features

- High radiation power
- High reliability
- Customised



Product Introduction

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Non-Visual Applications

UV-B/C: Sterilization, Medical, Purifier



Wavelength

300-315nm

270-280nm

255-265nm

Radiation Power

3-20mW

50-80mW

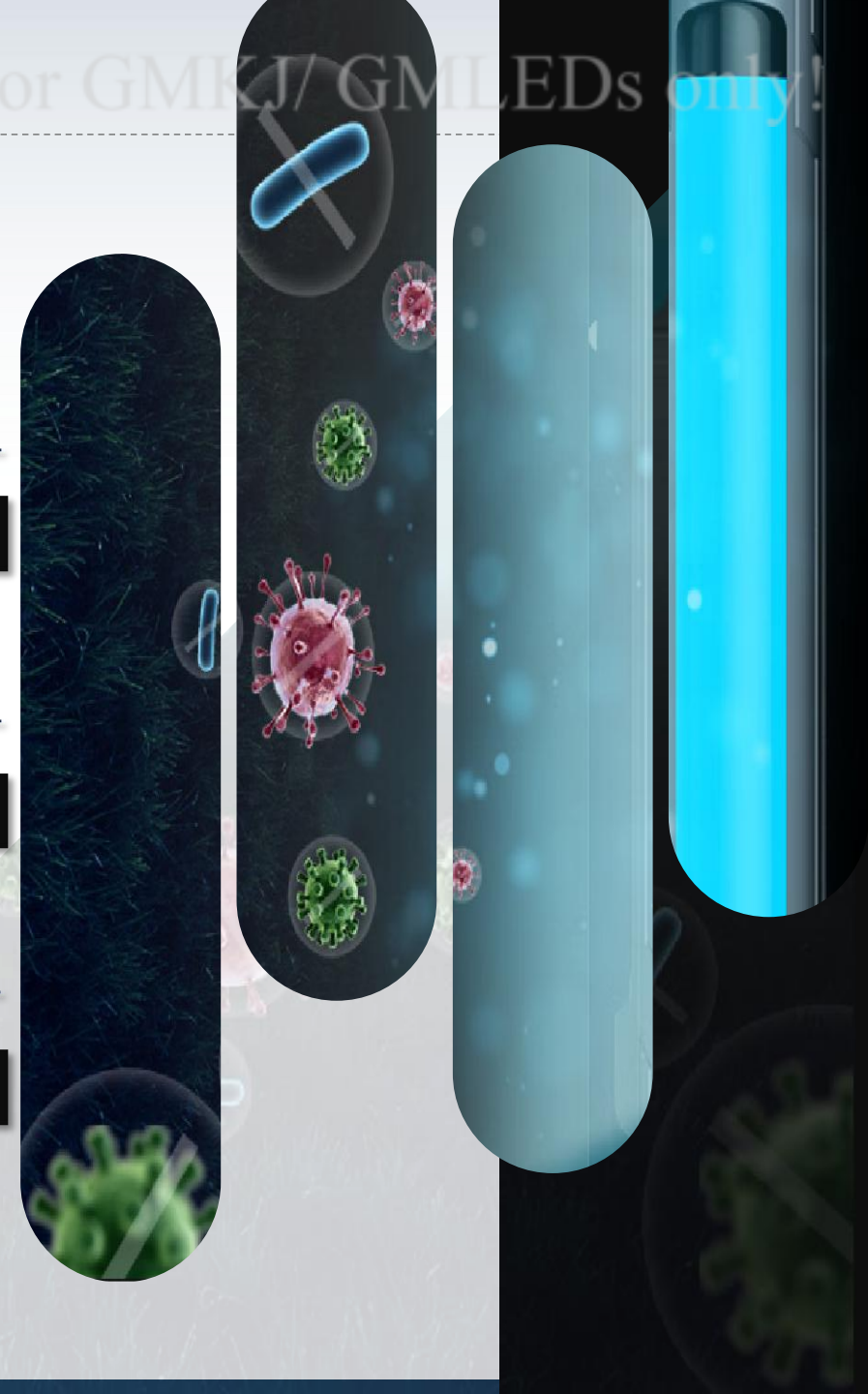
100-200mW

Features

Purifier module
customised

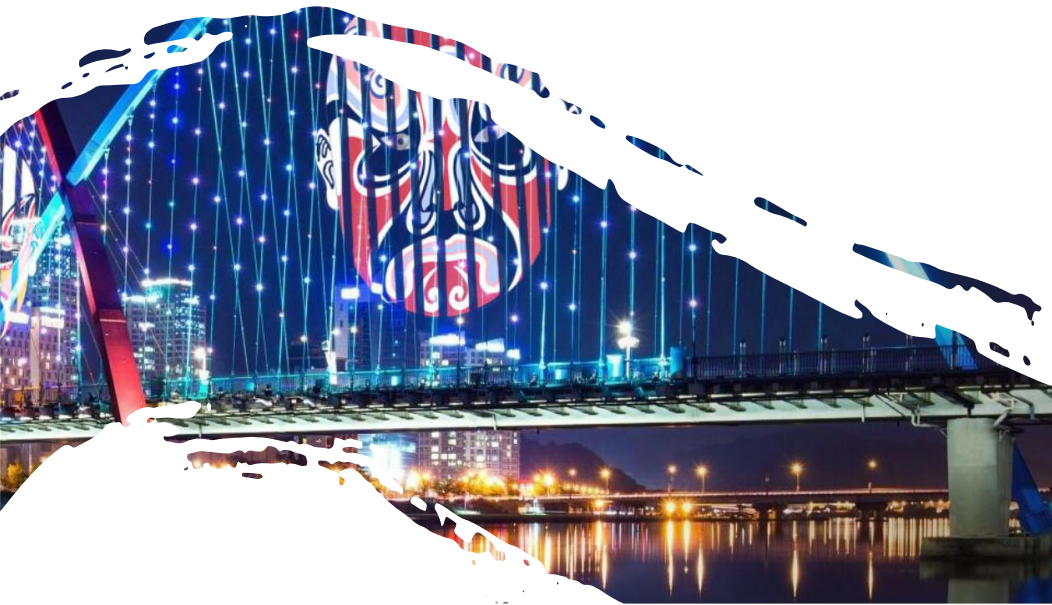
Flip chips technology

High radiation power



Stage light、Landscape light

**Stage light、Film lights、
Landscape lights**



**Ceramic 3535
RGB/RGBW**



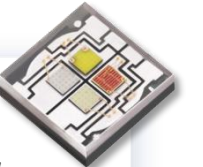
**Ceramic glass
5060 RGBW**



**Ceramic 5050
RGB/RGBW**



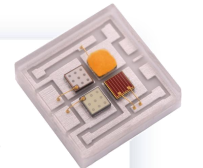
**Ceramic flat
5050 RGB/RGBW**



**Ceramic 3535
dual colors**



**Ceramic flat
3535 RGB/RGBW**



Stage light、Landscape light

**Stage light、Film lights、
Landscape lights**



Power

3535RGB/RGBW

3/6W 4/8W

5050RGB/RGBW

8/12W 12/18W

3535双色

2/4W

5060RGBW

20/40W

Features

High power

Color high unique

**Wavelength、Color
temperature adjustable**

Product Introduction

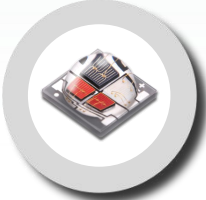
Plant growth、Medical Beauty

Medical Beauty Lights、Plant growth lights



Plant growth、Medical Beauty

Medical Beauty Lights、Plant growth lights



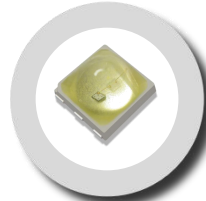
Wavelength

415nm+590nm+620nm+850nm

590nm+620nm+850nm

590nm/620nm+660nm/850nm

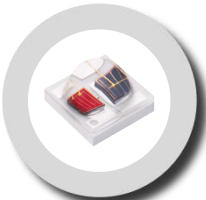
365nm+400nm



Features

415nm+590nm+620nm+850nm

415nm+590nm+620nm+850nm



Product Introduction

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Plant growth、Medical Beauty

Medical Beauty Lights、Plant growth lights

Wavelength

660nm

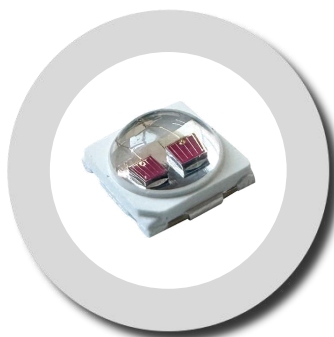
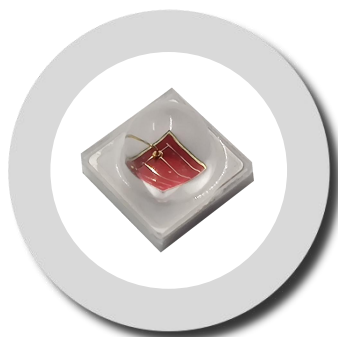
730nm

4000K

High PPE

660nm 4.4-4.8 μ mol/W

White 2.8-3.2 μ mol/W



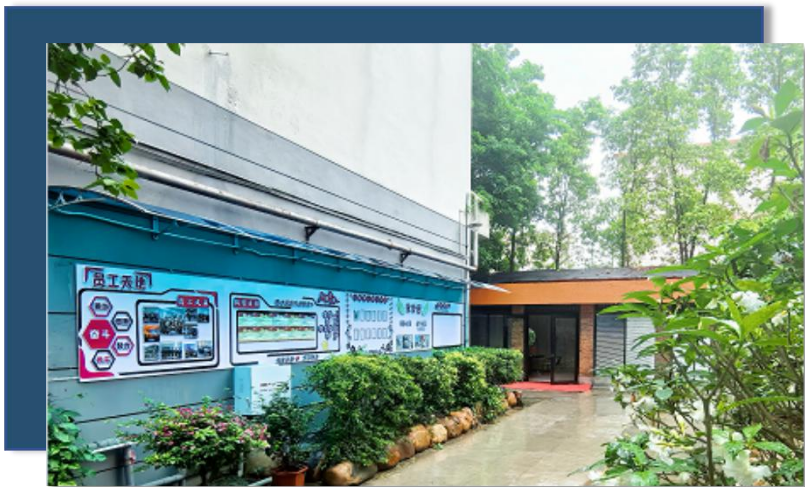
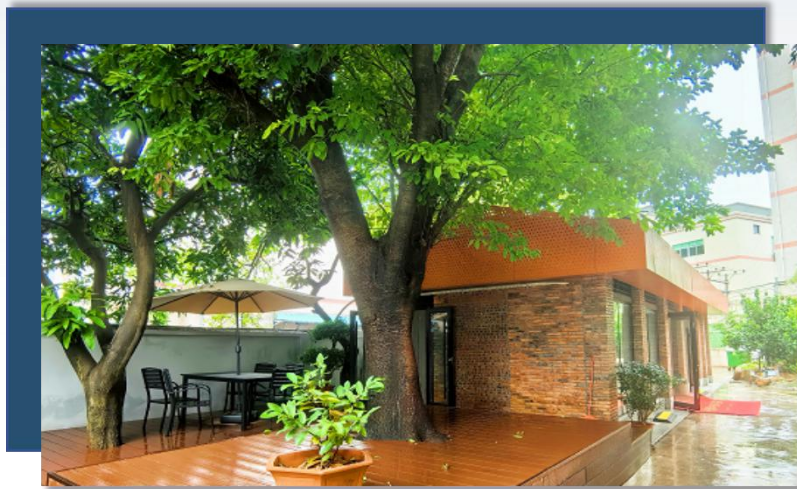
For GMKJ/ GMLEDs only!

• PART 03 •

Company Environment

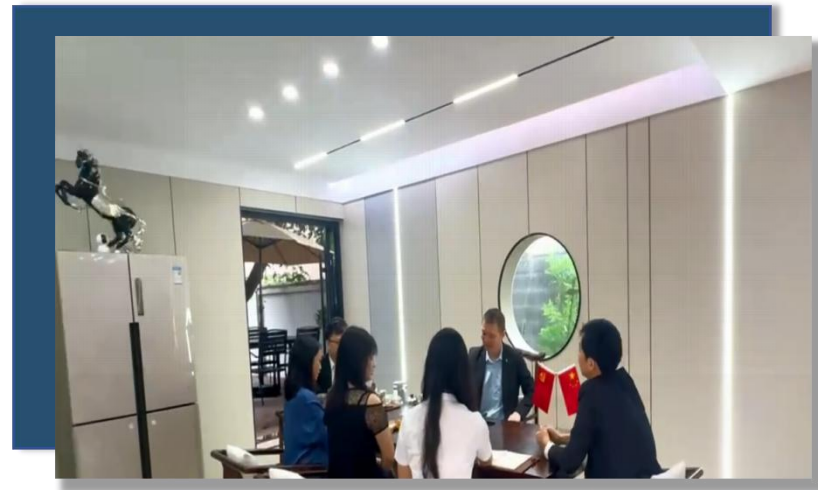
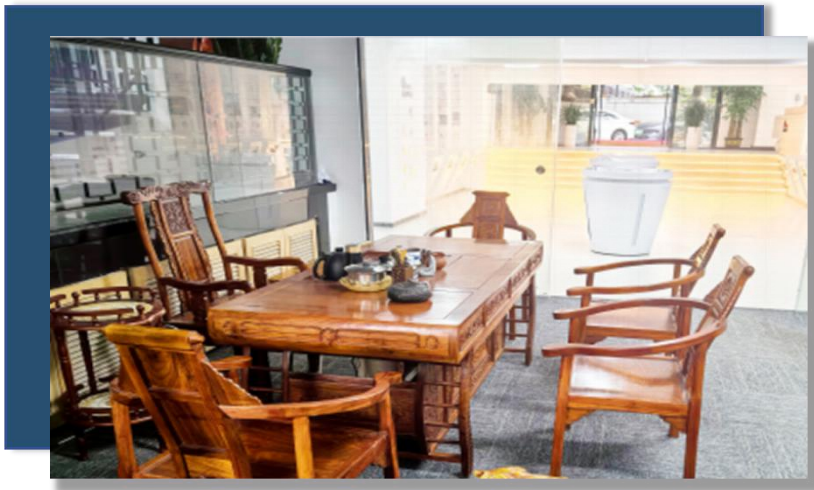
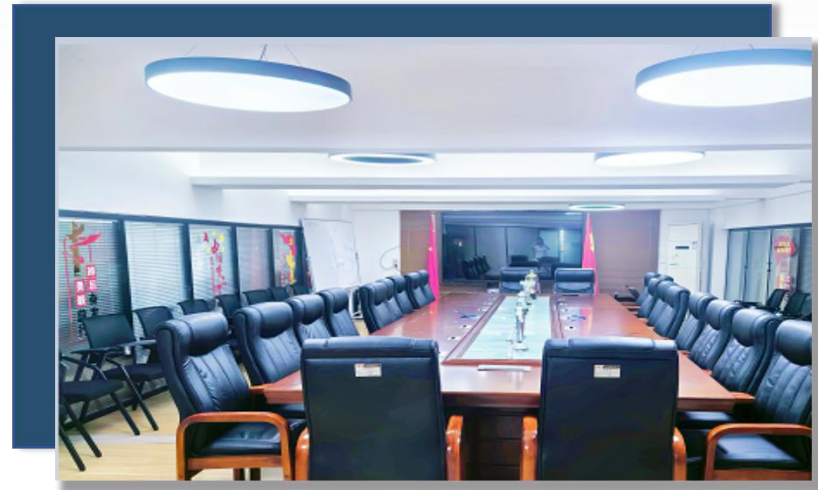
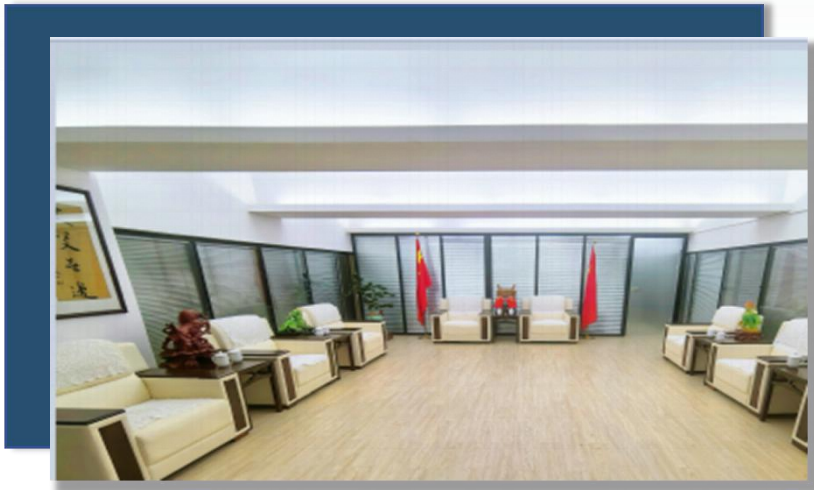
Company Environment

Guangmai values employee welfare and is committed to providing a comfortable and efficient working environment for its staff.



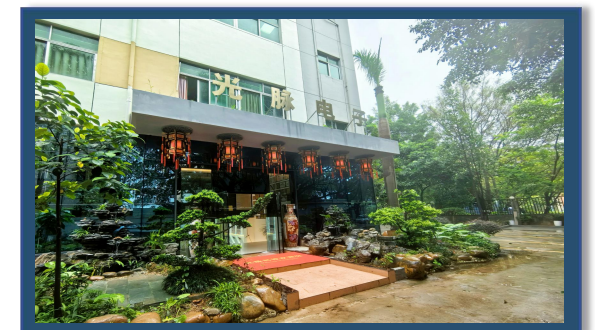
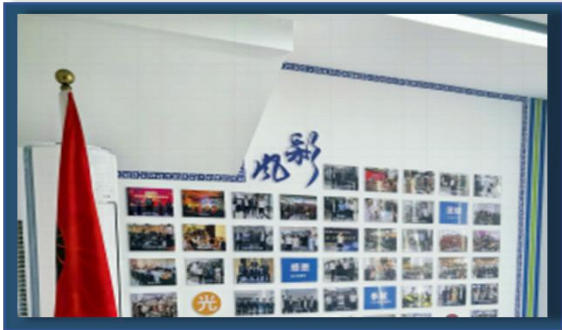
Company Environment

Guangmai values employee welfare and is committed to providing a comfortable and efficient working environment for its staff.



Company Environment

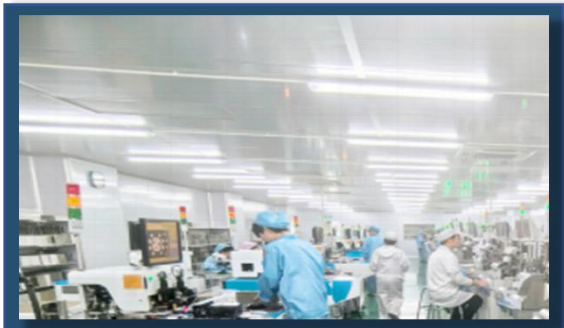
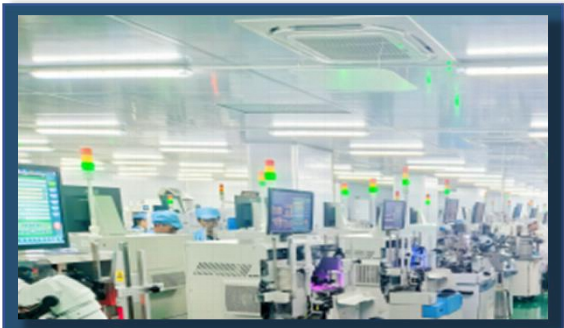
Guangmai values employee welfare and is committed to providing a comfortable and efficient working environment for its staff.



GMKJ holds 68 patents, including 10 invention patents, over 80 certifications, and has participated in the development of 1 national standard (LED light source and luminaire reliability testing standards), 2 industry standards (plant lighting and UV applications), and 8 enterprise standards.

Company Environment

The cleanroom facility is equipped with a 300,000-class air purification system, ensuring air cleanliness levels of 100 and 10,000 classes.



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— • PART 04 • —

Our Projects

Our Projects

The lighting project for Saudi Aramco's oil fields, undertaken by SABIC.



Our Projects



**Germany LiteMaster
Projects**



**Mexico MAGG Football
Stadium Projects**



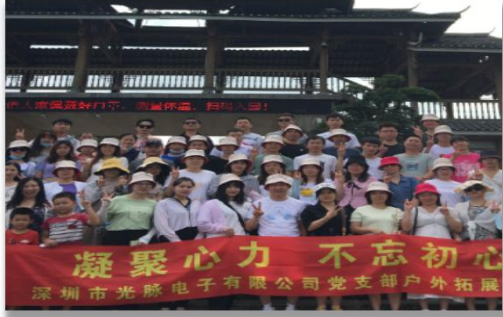
**Australia Gerard Lighting
Meseum Lighting Projects**

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• PART 05 •

Team Work

Team Work



For GMKJ/ GMLEDs only!

2025

BUSINESS

Thank you for watching!

