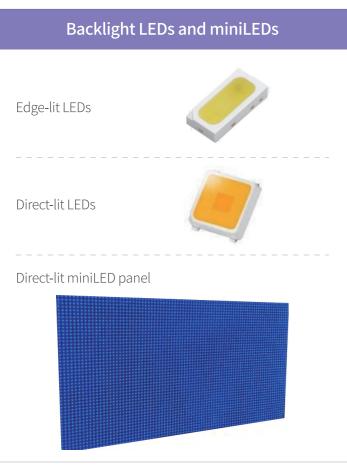
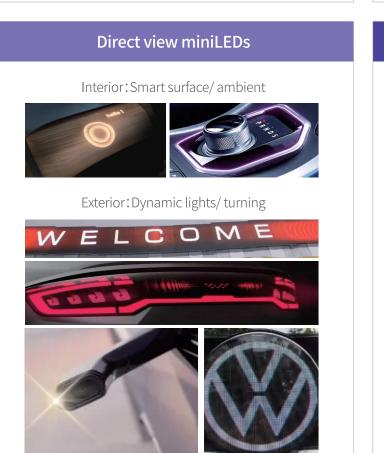
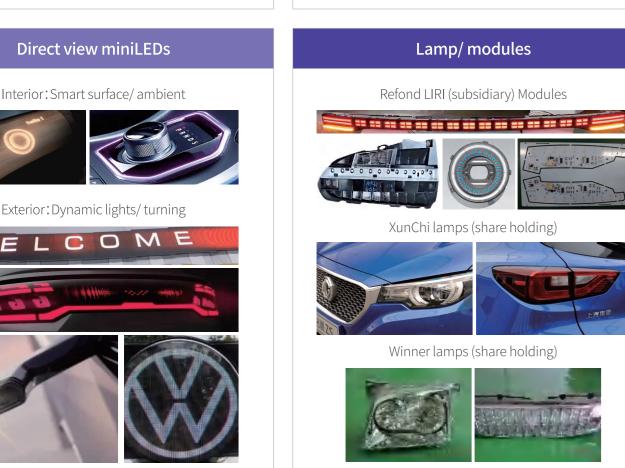
REFOND AUTOMOTIVE BUSINESS OVERVIEW – BY PRODUCT L



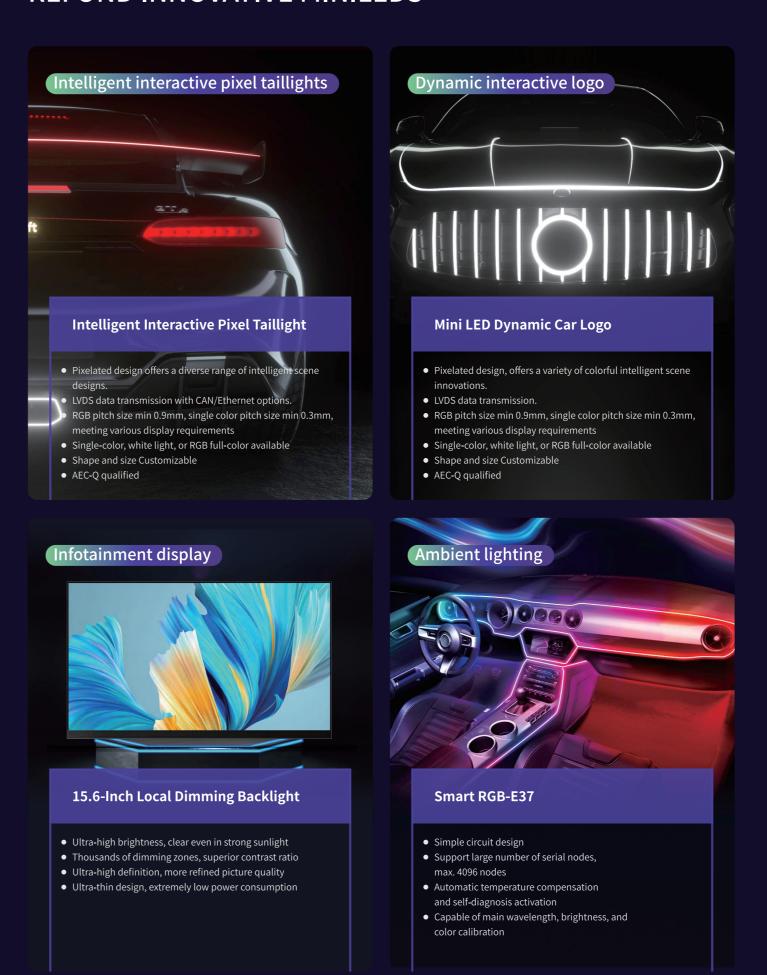




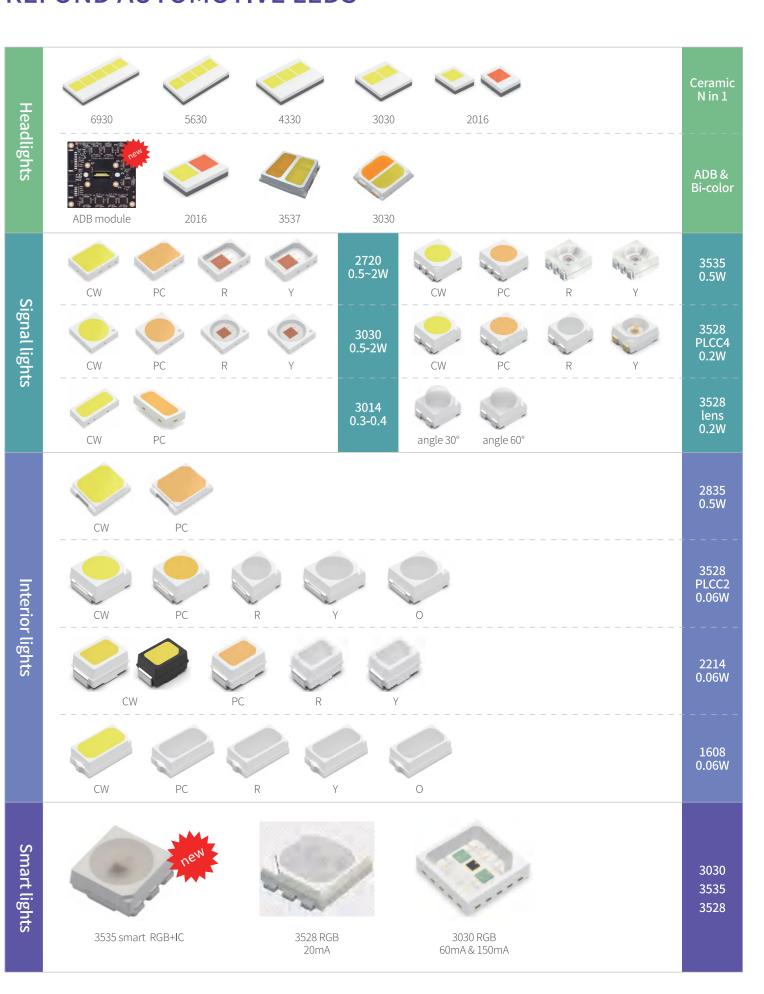




REFOND INNOVATIVE MINILEDS



REFOND AUTOMOTIVE LEDS



QUALITY ASSURANCE

SYSTEM **CERTIFICATION**

IATF 16949

ISO 17025 **ISO** 45001 **ISO** 9001

IECQ QC 080000 **IEC** 27001 **ISO** 14001 **ESD** (ANSI S20.20)



Through international benchmarking of major enterprises and third-party SGS social responsibility audits, meet the requirements of the EICC Electronic Industry Code of Conduct.



Third-party testing meets international standards requirements ROHS, REACH, HFIEC/EN 62471LM80, and others.

REFOND MILESTONES

Became qualified supplier of GAC Group | Indenpendent Automotive Business Unit





2021 Became qualified supplier of Valeo & Chery | Supported the release of mini backlight TV

2020 Joint development of mini tail light with Hasco | Build partnership with Huawei









Won the first & second prizes of the National Technology Invention award



TV LED Backlight E&T R&D center | Certified CNAS Lab



2010 The first mass produced & shipment of TV backlight LED in mainland China

2007 Became a qualified supplier of Hyundai Motor, Korea



2006 Developed partnership with the world-renowned company Panasonic Panasonic

2004 Awarded high-tech enterprise | Developed partnership with the world-renowned company ABB 2002 Built the first SMD LED production line & became the first SMD manufacturer in mainland China

LABORATORY

77 R&D employees, 22.5 of the total employees L4 masters and doctors

Refond Laboratory Center obtained CNAS accreditation in 2015 and consists of laboratories in Shenzhen, Yiwu, and Gedian (under construction). With comprehensive laboratory capabilities, it is committed to building a first-class LED research and development center. It has been successively approved as a national-level laboratory, the Shenzhen LED TV backlight engineering technology research and development center, and the Guangdong LED TV backlight engineering technology research and development center, and has been awarded the CNAS

Adhering to the philosophy of valuing talent, research, and innovation, Refond has submitted a total of 576 patent applications over the years, successfully registering a large number of patents, with a total of 433 authorized patents, including 172 invention patents.

The Refond Laboratory Center adopts the latest theories and experimental technologies in various disciplines to continuously innovate and conduct in-depth research in three major areas: product software and hardware development, advanced process development, and material development. It has also established special teams for the joint development and design of advanced equipment, reducing product failure rates throughout the entire process from product design, process design to reference guidance, and testing feedback, providing better system optical design solutions.



MANUFACTURING CAPABILITIES



Shenzhen Headquarters



Shenzhen Production Base

Area: 34,000 square meters Employees: 300+ **Production:** Automotive LEDs/Large and Small Backlight/MiniLED



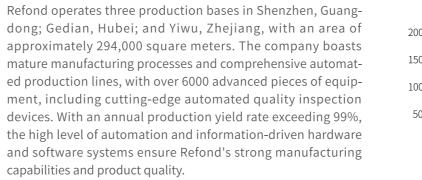
Zhejiang Production Base

Area: 160,000 square meters Employees: 1300+ Production: Lighting/Electrical/RGB/Optocoupler/Specialty LEDs



Hubei Production Base

Area: 100,000 square meters Employees: 500+ **Production:** Automotive LEDs/MiniLED/Backlight/Touch Display/Electronic Paper Modules







www.refond.com

ABOUT REFOND

Corporate Mission: Innovation enriches life.

Corporate Vision: Become the world's leading technology company

Refond Optoelectronics Co., Ltd. (Stock Code: 300241), established in 2000, is a globally renowned innovative technology company engaged in the research, development, production, and sales of LEDs, modules, and application solutions.

Technological innovation, leading-edge technology, and product differentiation are the core competencies that ensure Refond's success. The company has steadily expanded and promoted development in professional fields such as lighting, display, automotive, electronics, and touch display, establishing strategic partnerships with top global brands. Refond focuses on research and business development in emerging fields such as automotive lighting and displays, Mini LEDs, Al sensor devices, and touch display electronic paper to enhance its core competitiveness and sustainable profitability

s a professional supplier of automotive-grade LED components, Refond Optoelectronics entered the automotive LED market in 2007. Wit ng R&D capabilities, we have extensively developed our automotive product line, providing advanced integrated solutions from eriors, in-vehicle backlighting, and automotive exteriors to invisible light and automotive sensing. We have an independent and re automotive-grade production, manufacturing, and testing system, strictly adhering to the IATF16949 quality manageme ng VDA automotive quality management standards, and achieving AEC-Q102 certification

erior Product Line: 1608, 2214, 3528, EMC3014, 3535plcc6, primarily used in interior switches, buttons, dashboards, centra rol displays, reading lights, and ambient lighting. Automotive Exterior Product Line: EMC2720, EMC3030, EMC3537 dual-color, Ceramic 1~5 s, primarily used in exterior position lights, brake lights, turn signals, daytime running lights, reverse lights, and high/low beam headlights. 記録報表. 章 16 . Innovation enriches life

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