

Technology Landscape, Trends and Opportunities in the Global Micro-LED Market

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Abstracts

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The technologies in micro-LED have undergone significant change in recent years, with traditional LED technology advancing to micro-LED's. The rising wave of new technologies, such as Epi wafer and chip technology are creating significant potential in display application, and driving the demand for micro-LED.

In micro-LED market, various technologies, such as Epi wafer and chip technology solution, transfer technology solution, and full color technology solutions are used in the display and lighting applications. Increasing demand for brighter and more power-efficient display panels for smart watches and mobile devices and increasing demand for foldable displays are creating new opportunities for various micro-LED technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the micro-LED market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global micro-LED technology by application, technology, and region as follows:

Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology [\$M shipment analysis from 2018 t%li%2030]:

Epi Wafer and Chip Technology Solution

Transfer Technology Solution

Full Color Technology Solutions

Technology Trends and Forecasts by Application [\$M shipment analysis from 2018 t%li%2030]:

Display

Epi Wafer and Chip Technology Solution

Transfer Technology Solution

Full Color Technology Solutions

Lightening

Epi Wafer and Chip Technology Solution

Transfer Technology Solution

Full Color Technology Solutions

Other

Epi Wafer and Chip Technology Solution

Transfer Technology Solution

Full Color Technology Solutions

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018 to 2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the Micro-LED Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the micro-LED companies profiled in this report include Apple, Oculus VR,

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Sony, Samsung, X-Celeprint, Epistar, GLAB, VerLASE Technologies, JBD, and Aledia.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the micro-LED market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in micro-LED market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats to these technologies in micro-LED market?

Q.6 What are the latest developments in micro-LED technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this micro-LED market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this micro-LED technology space?

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