



PRELIMINARY ABSTRACT

MicroLED Display Report

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PRELIMINARY CONTENTS

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MicroLED display technology has emerged as a potential contender in the display market, which is currently dominated by LCD technology in virtually every display application, and by the rapidly-maturing OLED display technology.

Given the ongoing development activity in this emerging display technology domain, there is considerable speculation as to when MicroLED displays will reach the market and how much success they will experience. This report will help to explain MicroLED technology to a broad audience and inform them of the anticipated potential for success in the display market, and under what circumstances.

This comprehensive report thoroughly assesses MicroLED display technology and its market outlook. The report will review the potential applications and markets for MicroLED displays, describes the value chain in detail, and reviews all aspects of the requisite manufacturing technologies.

Report Overview

This report is expected to be of interest to a large cross-section organizations involved in display technology, applications and markets. The report will be of specific interest the producers of LED devices and the suppliers of epitaxial equipment for LED production equipment as MicroLED technology represents a large potential business opportunity.

The purpose of this report is to

- Introduce subscribers to MicroLED display technology
- Provide a thorough assessment of its potential by application in the display market
- Describe the value chain and existing players
- Detail its advantages and disadvantages vs. existing display technologies
- Review the anticipated technical challenges

Key Issues Addressed

- What are MicroLED displays and how do they compare to conventional LCD and OLED displays?
- Who is currently developing MicroLED displays, and how might they position them in the display market?
- What are the potential display applications and how might MicroLED display be commercialized over time?
- What is the market outlook for MicroLED displays? Which display applications are most promising?
- What does the MicroLED value chain look like and who are the participants?
- How are MicroLED displays produced and what are the manufacturing costs vs. conventional displays?
- What are the existing MicroLED production methods and what technical challenges are anticipated?
- What are the keys to success for MicroLED displays?

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