

OLED Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 155 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The global OLED market attained a value of USD 60.23 Billion in 2024. The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 21.00% to reach value of around USD 405.20 Billion by 2034.

Rising Demand for Superior Display in Wearable Devices and Smartphones Boosting the Growth of OLED Industry

As OLED devices are self-emissive and extremely versatile, they are increasingly used in a variety of end-use applications. The rising smartphone ownership and the surging demand for superior smartphones are leading the industry growth. Active-matrix OLED (AMOLED) displays are increasingly used in smartphones and tablets to reach an excellent level of activation speed. Moreover, they consume comparatively less power than LCD, due to which they are preferred for extensive use in smartphones. In addition, the growing popularity of various wearable devices such as smartwatches and fitness bands are also propelling the industry growth. The rising demand for bright screen and automated display is providing further impetus to the market growth.

The presence of leading companies such as Samsung, Panasonic, and LG in the Asia Pacific region is leading to the robust growth of the market. The flourishing manufacturing activities in emerging economies such as China and India are further fuelling the market growth. Moreover, the rising research and development (R&D) activities and surging investments in OLED in South Korea are providing further impetus to the market growth. In addition, the rapid urbanisation and the emergence of the middle class population are increasing the demand for smartphones and televisions with better displays, which is further invigorating the market growth.

OLED: Market Segmentation

OLED, variously known as an organic light-emitting diode, is a technology that uses organic molecules to produce light. OLED enables better display than LCDs as each pixel is controlled individually and emits its light. Hence, it displays images in great

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

quality and very high contrast. It is majorly used in high-end smartphones and televisions.

The major products of OLED are:

- Display
- Lighting

The market can be broadly categorised on the basis of its technologies into:

- Active-matrix OLED (AMOLED)
- Passive-matrix OLED (PAMOLED)
- Foldable OLED
- White OLED
- Transparent OLED
- Others

Based on the end use, the market can be divided into:

- Consumer Electronics
- Automotive
- Retail
- Industrial and Enterprise
- Aerospace and Defence
- Healthcare
- Others

The EMR report looks into the regional markets of OLED like:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Technological Advancements to Bolster the Growth of the OLED Industry

The increasing use of OLEDs due to their favourable properties is driving the market growth. Recent developments have enabled their use in virtual reality headsets (VR) owing to their reduced brightness levels and exceptional refresh rates, which are also accelerating the market growth. As most of the population is following stay-at-home orders due to the coronavirus pandemic, the demand for smart televisions with a wide range of colours and highlights is significantly rising for entertainment, hence contributing to the market growth. The development of flexible OLED screens, which can diminish the line between real and virtual, is also aiding the market growth. Major companies such as LG and Samsung are constantly developing displays by adopting the latest technology, which is expected to further propel the market growth.

Moreover, OLED is rapidly substituting monochrome LCD in various industrial applications, such as measurement equipment, instrumentation, benchtop equipment, current analysers, and industrial handheld monitors, among others. Emerging technologies, such as flexible OLED, which aids in the development of thinner, lighter, and durable displays, are expected to fuel the market

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

growth. In addition, the launch and the development of foldable smartphones with flexible OLED display by various companies are expected to further enhance the market growth. Also, transparent OLED displays have huge potential in the automotive sector to offer futuristic facilities to passengers and drivers. This can further augment the market growth.

Key Industry Players in the Global OLED Market

The report presents a detailed analysis of the following key players in the global OLED market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- LG Electronics
- Samsung Electronics Co Ltd
- OSRAM GmbH
- OLEDWorks LLC
- Koninklijke Philips N.V.
- AU Optronics Corp
- Others

The comprehensive report looks into the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global OLED Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global OLED Historical Market (2018-2024)
 - 5.3 Global OLED Market Forecast (2025-2034)
 - 5.4 Global OLED Market by Product
 - 5.4.1 Display
 - 5.4.1.1 Historical Trend (2018-2024)
 - 5.4.1.2 Forecast Trend (2025-2034)
 - 5.4.2 Lighting
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)
 - 5.5 Global OLED Market by Technology
 - 5.5.1 Active-matrix OLED (AMOLED)
 - 5.5.1.1 Historical Trend (2018-2024)
 - 5.5.1.2 Forecast Trend (2025-2034)
 - 5.5.2 Passive-matrix OLED (PAMOLED)
 - 5.5.2.1 Historical Trend (2018-2024)
 - 5.5.2.2 Forecast Trend (2025-2034)
 - 5.5.3 Foldable OLED
 - 5.5.3.1 Historical Trend (2018-2024)
 - 5.5.3.2 Forecast Trend (2025-2034)
 - 5.5.4 White OLED
 - 5.5.4.1 Historical Trend (2018-2024)
 - 5.5.4.2 Forecast Trend (2025-2034)
 - 5.5.5 Transparent OLED
 - 5.5.5.1 Historical Trend (2018-2024)
 - 5.5.5.2 Forecast Trend (2025-2034)
 - 5.5.6 Others
 - 5.6 Global OLED Market by End Use
 - 5.6.1 Consumer Electronics
 - 5.6.1.1 Historical Trend (2018-2024)
 - 5.6.1.2 Forecast Trend (2025-2034)
 - 5.6.2 Automotive
 - 5.6.2.1 Historical Trend (2018-2024)
 - 5.6.2.2 Forecast Trend (2025-2034)
 - 5.6.3 Retail
 - 5.6.3.1 Historical Trend (2018-2024)
 - 5.6.3.2 Forecast Trend (2025-2034)
 - 5.6.4 Industrial and Enterprise
 - 5.6.4.1 Historical Trend (2018-2024)
 - 5.6.4.2 Forecast Trend (2025-2034)
 - 5.6.5 Aerospace and Defence
 - 5.6.5.1 Historical Trend (2018-2024)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.6.5.2 Forecast Trend (2025-2034)
- 5.6.6 Healthcare
 - 5.6.6.1 Historical Trend (2018-2024)
 - 5.6.6.2 Forecast Trend (2025-2034)
- 5.6.7 Others
- 5.7 Global OLED Market by Region
 - 5.7.1 North America
 - 5.7.1.1 Historical Trend (2018-2024)
 - 5.7.1.2 Forecast Trend (2025-2034)
 - 5.7.2 Europe
 - 5.7.2.1 Historical Trend (2018-2024)
 - 5.7.2.2 Forecast Trend (2025-2034)
 - 5.7.3 Asia Pacific
 - 5.7.3.1 Historical Trend (2018-2024)
 - 5.7.3.2 Forecast Trend (2025-2034)
 - 5.7.4 Latin America
 - 5.7.4.1 Historical Trend (2018-2024)
 - 5.7.4.2 Forecast Trend (2025-2034)
 - 5.7.5 Middle East and Africa
 - 5.7.5.1 Historical Trend (2018-2024)
 - 5.7.5.2 Forecast Trend (2025-2034)
- 6 North America OLED Market Analysis
 - 6.1 United States of America
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
 - 6.2 Canada
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe OLED Market Analysis
 - 7.1 United Kingdom
 - 7.1.1 Historical Trend (2018-2024)
 - 7.1.2 Forecast Trend (2025-2034)
 - 7.2 Germany
 - 7.2.1 Historical Trend (2018-2024)
 - 7.2.2 Forecast Trend (2025-2034)
 - 7.3 France
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
 - 7.4 Italy
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
 - 7.5 Others
- 8 Asia Pacific OLED Market Analysis
 - 8.1 China
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Japan

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.2.1 Historical Trend (2018-2024)
- 8.2.2 Forecast Trend (2025-2034)
- 8.3 India
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
- 8.4 ASEAN
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
- 8.5 Australia
 - 8.5.1 Historical Trend (2018-2024)
 - 8.5.2 Forecast Trend (2025-2034)
- 8.6 Others
- 9 Latin America OLED Market Analysis
 - 9.1 Brazil
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
 - 9.2 Argentina
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
 - 9.3 Mexico
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
 - 9.4 Others
- 10 Middle East and Africa OLED Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)
 - 10.3 Nigeria
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)
 - 10.4 South Africa
 - 10.4.1 Historical Trend (2018-2024)
 - 10.4.2 Forecast Trend (2025-2034)
 - 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 11.2.4 Degree of Rivalry
- 11.2.5 Threat of Substitutes
- 11.3 Key Indicators for Demand
- 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Competitive Landscape
- 13.1 Supplier Selection
- 13.2 Key Global Players
- 13.3 Key Regional Players
- 13.4 Key Player Strategies
- 13.5 Company Profiles
- 13.5.1 LG Electronics
- 13.5.1.1 Company Overview
- 13.5.1.2 Product Portfolio
- 13.5.1.3 Demographic Reach and Achievements
- 13.5.1.4 Certifications
- 13.5.2 Samsung Electronics Co Ltd
- 13.5.2.1 Company Overview
- 13.5.2.2 Product Portfolio
- 13.5.2.3 Demographic Reach and Achievements
- 13.5.2.4 Certifications
- 13.5.3 OSRAM GmbH
- 13.5.3.1 Company Overview
- 13.5.3.2 Product Portfolio
- 13.5.3.3 Demographic Reach and Achievements
- 13.5.3.4 Certifications
- 13.5.4 OLEDWorks LLC
- 13.5.4.1 Company Overview
- 13.5.4.2 Product Portfolio
- 13.5.4.3 Demographic Reach and Achievements
- 13.5.4.4 Certifications
- 13.5.5 Koninklijke Philips N.V.
- 13.5.5.1 Company Overview
- 13.5.5.2 Product Portfolio
- 13.5.5.3 Demographic Reach and Achievements
- 13.5.5.4 Certifications
- 13.5.6 AU Optronics Corp
- 13.5.6.1 Company Overview
- 13.5.6.2 Product Portfolio
- 13.5.6.3 Demographic Reach and Achievements
- 13.5.6.4 Certifications
- 13.5.7 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

OLED Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 155 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-10"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com