

Light Field Market - Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/LA47498797B8EN.html>

Date: January 2022

Pages: 73

Price: US\$ 3,250.00 (Single User License)

ID: LA47498797B8EN

Abstracts

The light field is a vector function that describes the amount of light flowing in every direction through every point in space. The space of all possible light rays is given by the five-dimensional plenoptic function, and the magnitude of each ray is given by the radiance. Michael Faraday was the first to propose (in an 1846 lecture entitled 'Thoughts on Ray Vibrations') that light should be interpreted as a field, much like the magnetic fields on which he had been working for several years. The phrase light field was coined by Andrey Gershun in a classic paper on the radiometric properties of light in three-dimensional space (1936).

This report contains market size and forecasts of Light Field in Global, including the following market information:

Global Light Field Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Light Field market was valued at 160.4 million in 2021 and is projected to reach US\$ 331.2 million by 2028, at a CAGR of 10.9% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Imaging Solution Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Light Field include Lytro, Avegant, FoVI 3D, Japan

Display Inc (JDI), OTOY, Light Field Lab, Holografika, Lumii and Raytrix, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Light Field companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Light Field Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Light Field Market Segment Percentages, by Type, 2021 (%)

Imaging Solution

Display

Global Light Field Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Light Field Market Segment Percentages, by Application, 2021 (%)

Health Care

Defense

Media

Building

Industry

Others

Global Light Field Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Light Field Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Light Field revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Light Field revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Lytro

Avegant

FoVI 3D

Japan Display Inc (JDI)

OTOY

Light Field Lab

Holografika

Lumii

Raytrix

Leia

NVIDIA

Toshiba

Ricoh Innovations

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Light Field Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Light Field Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL LIGHT FIELD OVERALL MARKET SIZE

- 2.1 Global Light Field Market Size: 2021 VS 2028
- 2.2 Global Light Field Market Size, Prospects & Forecasts: 2017-2028
- 2.3 Key Market Trends, Opportunity, Drivers and Restraints
 - 2.3.1 Market Opportunities & Trends
 - 2.3.2 Market Drivers
 - 2.3.3 Market Restraints

3 COMPANY LANDSCAPE

- 3.1 Top Light Field Players in Global Market
- 3.2 Top Global Light Field Companies Ranked by Revenue
- 3.3 Global Light Field Revenue by Companies
- 3.4 Top 3 and Top 5 Light Field Companies in Global Market, by Revenue in 2021
- 3.5 Global Companies Light Field Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 Light Field Players in Global Market
 - 3.6.1 List of Global Tier 1 Light Field Companies
 - 3.6.2 List of Global Tier 2 and Tier 3 Light Field Companies

4 MARKET SIGHTS BY PRODUCT

- 4.1 Overview

- 4.1.1 by Type - Global Light Field Market Size Markets, 2021 & 2028
- 4.1.2 Imaging Solution
- 4.1.3 Display
- 4.2 By Type - Global Light Field Revenue & Forecasts
 - 4.2.1 By Type - Global Light Field Revenue, 2017-2022
 - 4.2.2 By Type - Global Light Field Revenue, 2023-2028
 - 4.2.3 By Type - Global Light Field Revenue Market Share, 2017-2028

5 SIGHTS BY APPLICATION

- 5.1 Overview
 - 5.1.1 By Application - Global Light Field Market Size, 2021 & 2028
 - 5.1.2 Health Care
 - 5.1.3 Defense
 - 5.1.4 Media
 - 5.1.5 Building
 - 5.1.6 Industry
 - 5.1.7 Others
- 5.2 By Application - Global Light Field Revenue & Forecasts
 - 5.2.1 By Application - Global Light Field Revenue, 2017-2022
 - 5.2.2 By Application - Global Light Field Revenue, 2023-2028
 - 5.2.3 By Application - Global Light Field Revenue Market Share, 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global Light Field Market Size, 2021 & 2028
- 6.2 By Region - Global Light Field Revenue & Forecasts
 - 6.2.1 By Region - Global Light Field Revenue, 2017-2022
 - 6.2.2 By Region - Global Light Field Revenue, 2023-2028
 - 6.2.3 By Region - Global Light Field Revenue Market Share, 2017-2028
- 6.3 North America
 - 6.3.1 By Country - North America Light Field Revenue, 2017-2028
 - 6.3.2 US Light Field Market Size, 2017-2028
 - 6.3.3 Canada Light Field Market Size, 2017-2028
 - 6.3.4 Mexico Light Field Market Size, 2017-2028
- 6.4 Europe
 - 6.4.1 By Country - Europe Light Field Revenue, 2017-2028
 - 6.4.2 Germany Light Field Market Size, 2017-2028
 - 6.4.3 France Light Field Market Size, 2017-2028

- 6.4.4 U.K. Light Field Market Size, 2017-2028
- 6.4.5 Italy Light Field Market Size, 2017-2028
- 6.4.6 Russia Light Field Market Size, 2017-2028
- 6.4.7 Nordic Countries Light Field Market Size, 2017-2028
- 6.4.8 Benelux Light Field Market Size, 2017-2028

6.5 Asia

- 6.5.1 By Region - Asia Light Field Revenue, 2017-2028
- 6.5.2 China Light Field Market Size, 2017-2028
- 6.5.3 Japan Light Field Market Size, 2017-2028
- 6.5.4 South Korea Light Field Market Size, 2017-2028
- 6.5.5 Southeast Asia Light Field Market Size, 2017-2028
- 6.5.6 India Light Field Market Size, 2017-2028

6.6 South America

- 6.6.1 By Country - South America Light Field Revenue, 2017-2028
- 6.6.2 Brazil Light Field Market Size, 2017-2028
- 6.6.3 Argentina Light Field Market Size, 2017-2028

6.7 Middle East & Africa

- 6.7.1 By Country - Middle East & Africa Light Field Revenue, 2017-2028
- 6.7.2 Turkey Light Field Market Size, 2017-2028
- 6.7.3 Israel Light Field Market Size, 2017-2028
- 6.7.4 Saudi Arabia Light Field Market Size, 2017-2028
- 6.7.5 UAE Light Field Market Size, 2017-2028

7 PLAYERS PROFILES

7.1 Lytro

- 7.1.1 Lytro Corporate Summary
- 7.1.2 Lytro Business Overview
- 7.1.3 Lytro Light Field Major Product Offerings
- 7.1.4 Lytro Light Field Revenue in Global Market (2017-2022)
- 7.1.5 Lytro Key News

7.2 Avegant

- 7.2.1 Avegant Corporate Summary
- 7.2.2 Avegant Business Overview
- 7.2.3 Avegant Light Field Major Product Offerings
- 7.2.4 Avegant Light Field Revenue in Global Market (2017-2022)
- 7.2.5 Avegant Key News

7.3 FoVI 3D

- 7.3.1 FoVI 3D Corporate Summary

- 7.3.2 FoVI 3D Business Overview
- 7.3.3 FoVI 3D Light Field Major Product Offerings
- 7.3.4 FoVI 3D Light Field Revenue in Global Market (2017-2022)
- 7.3.5 FoVI 3D Key News
- 7.4 Japan Display Inc (JDI)
 - 7.4.1 Japan Display Inc (JDI) Corporate Summary
 - 7.4.2 Japan Display Inc (JDI) Business Overview
 - 7.4.3 Japan Display Inc (JDI) Light Field Major Product Offerings
 - 7.4.4 Japan Display Inc (JDI) Light Field Revenue in Global Market (2017-2022)
 - 7.4.5 Japan Display Inc (JDI) Key News
- 7.5 OTOY
 - 7.5.1 OTOY Corporate Summary
 - 7.5.2 OTOY Business Overview
 - 7.5.3 OTOY Light Field Major Product Offerings
 - 7.5.4 OTOY Light Field Revenue in Global Market (2017-2022)
 - 7.5.5 OTOY Key News
- 7.6 Light Field Lab
 - 7.6.1 Light Field Lab Corporate Summary
 - 7.6.2 Light Field Lab Business Overview
 - 7.6.3 Light Field Lab Light Field Major Product Offerings
 - 7.6.4 Light Field Lab Light Field Revenue in Global Market (2017-2022)
 - 7.6.5 Light Field Lab Key News
- 7.7 Holografika
 - 7.7.1 Holografika Corporate Summary
 - 7.7.2 Holografika Business Overview
 - 7.7.3 Holografika Light Field Major Product Offerings
 - 7.7.4 Holografika Light Field Revenue in Global Market (2017-2022)
 - 7.7.5 Holografika Key News
- 7.8 Lumii
 - 7.8.1 Lumii Corporate Summary
 - 7.8.2 Lumii Business Overview
 - 7.8.3 Lumii Light Field Major Product Offerings
 - 7.8.4 Lumii Light Field Revenue in Global Market (2017-2022)
 - 7.8.5 Lumii Key News
- 7.9 Raytrix
 - 7.9.1 Raytrix Corporate Summary
 - 7.9.2 Raytrix Business Overview
 - 7.9.3 Raytrix Light Field Major Product Offerings
 - 7.9.4 Raytrix Light Field Revenue in Global Market (2017-2022)

7.9.5 Raytrix Key News

7.10 Leia

7.10.1 Leia Corporate Summary

7.10.2 Leia Business Overview

7.10.3 Leia Light Field Major Product Offerings

7.10.4 Leia Light Field Revenue in Global Market (2017-2022)

7.10.5 Leia Key News

7.11 NVIDIA

7.11.1 NVIDIA Corporate Summary

7.11.2 NVIDIA Business Overview

7.11.3 NVIDIA Light Field Major Product Offerings

7.11.4 NVIDIA Light Field Revenue in Global Market (2017-2022)

7.11.5 NVIDIA Key News

7.12 Toshiba

7.12.1 Toshiba Corporate Summary

7.12.2 Toshiba Business Overview

7.12.3 Toshiba Light Field Major Product Offerings

7.12.4 Toshiba Light Field Revenue in Global Market (2017-2022)

7.12.5 Toshiba Key News

7.13 Ricoh Innovations

7.13.1 Ricoh Innovations Corporate Summary

7.13.2 Ricoh Innovations Business Overview

7.13.3 Ricoh Innovations Light Field Major Product Offerings

7.13.4 Ricoh Innovations Light Field Revenue in Global Market (2017-2022)

7.13.5 Ricoh Innovations Key News

8 CONCLUSION

9 APPENDIX

9.1 Note

9.2 Examples of Clients

9.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Light Field Market Opportunities & Trends in Global Market
Table 2. Light Field Market Drivers in Global Market
Table 3. Light Field Market Restraints in Global Market
Table 4. Key Players of Light Field in Global Market
Table 5. Top Light Field Players in Global Market, Ranking by Revenue (2021)
Table 6. Global Light Field Revenue by Companies, (US\$, Mn), 2017-2022
Table 7. Global Light Field Revenue Share by Companies, 2017-2022
Table 8. Global Companies Light Field Product Type
Table 9. List of Global Tier 1 Light Field Companies, Revenue (US\$, Mn) in 2021 and Market Share
Table 10. List of Global Tier 2 and Tier 3 Light Field Companies, Revenue (US\$, Mn) in 2021 and Market Share
Table 11. By Type – Global Light Field Revenue, (US\$, Mn), 2021 & 2028
Table 12. By Type - Light Field Revenue in Global (US\$, Mn), 2017-2022
Table 13. By Type - Light Field Revenue in Global (US\$, Mn), 2023-2028
Table 14. By Application – Global Light Field Revenue, (US\$, Mn), 2021 & 2028
Table 15. By Application - Light Field Revenue in Global (US\$, Mn), 2017-2022
Table 16. By Application - Light Field Revenue in Global (US\$, Mn), 2023-2028
Table 17. By Region – Global Light Field Revenue, (US\$, Mn), 2021 & 2028
Table 18. By Region - Global Light Field Revenue (US\$, Mn), 2017-2022
Table 19. By Region - Global Light Field Revenue (US\$, Mn), 2023-2028
Table 20. By Country - North America Light Field Revenue, (US\$, Mn), 2017-2022
Table 21. By Country - North America Light Field Revenue, (US\$, Mn), 2023-2028
Table 22. By Country - Europe Light Field Revenue, (US\$, Mn), 2017-2022
Table 23. By Country - Europe Light Field Revenue, (US\$, Mn), 2023-2028
Table 24. By Region - Asia Light Field Revenue, (US\$, Mn), 2017-2022
Table 25. By Region - Asia Light Field Revenue, (US\$, Mn), 2023-2028
Table 26. By Country - South America Light Field Revenue, (US\$, Mn), 2017-2022
Table 27. By Country - South America Light Field Revenue, (US\$, Mn), 2023-2028
Table 28. By Country - Middle East & Africa Light Field Revenue, (US\$, Mn), 2017-2022
Table 29. By Country - Middle East & Africa Light Field Revenue, (US\$, Mn), 2023-2028
Table 30. Lytro Corporate Summary
Table 31. Lytro Light Field Product Offerings
Table 32. Lytro Light Field Revenue (US\$, Mn), (2017-2022)
Table 33. Avegant Corporate Summary

Table 34. Avegant Light Field Product Offerings
Table 35. Avegant Light Field Revenue (US\$, Mn), (2017-2022)
Table 36. FoVI 3D Corporate Summary
Table 37. FoVI 3D Light Field Product Offerings
Table 38. FoVI 3D Light Field Revenue (US\$, Mn), (2017-2022)
Table 39. Japan Display Inc (JDI) Corporate Summary
Table 40. Japan Display Inc (JDI) Light Field Product Offerings
Table 41. Japan Display Inc (JDI) Light Field Revenue (US\$, Mn), (2017-2022)
Table 42. OTOY Corporate Summary
Table 43. OTOY Light Field Product Offerings
Table 44. OTOY Light Field Revenue (US\$, Mn), (2017-2022)
Table 45. Light Field Lab Corporate Summary
Table 46. Light Field Lab Light Field Product Offerings
Table 47. Light Field Lab Light Field Revenue (US\$, Mn), (2017-2022)
Table 48. Holografika Corporate Summary
Table 49. Holografika Light Field Product Offerings
Table 50. Holografika Light Field Revenue (US\$, Mn), (2017-2022)
Table 51. Lumii Corporate Summary
Table 52. Lumii Light Field Product Offerings
Table 53. Lumii Light Field Revenue (US\$, Mn), (2017-2022)
Table 54. Raytrix Corporate Summary
Table 55. Raytrix Light Field Product Offerings
Table 56. Raytrix Light Field Revenue (US\$, Mn), (2017-2022)
Table 57. Leia Corporate Summary
Table 58. Leia Light Field Product Offerings
Table 59. Leia Light Field Revenue (US\$, Mn), (2017-2022)
Table 60. NVIDIA Corporate Summary
Table 61. NVIDIA Light Field Product Offerings
Table 62. NVIDIA Light Field Revenue (US\$, Mn), (2017-2022)
Table 63. Toshiba Corporate Summary
Table 64. Toshiba Light Field Product Offerings
Table 65. Toshiba Light Field Revenue (US\$, Mn), (2017-2022)
Table 66. Ricoh Innovations Corporate Summary
Table 67. Ricoh Innovations Light Field Product Offerings
Table 68. Ricoh Innovations Light Field Revenue (US\$, Mn), (2017-2022)

List Of Figures

LIST OF FIGURES

- Figure 1. Light Field Segment by Type in 2021
- Figure 2. Light Field Segment by Application in 2021
- Figure 3. Global Light Field Market Overview: 2020
- Figure 4. Key Caveats
- Figure 5. Global Light Field Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Light Field Revenue, 2017-2028 (US\$, Mn)
- Figure 7. The Top 3 and 5 Players Market Share by Light Field Revenue in 2021
- Figure 8. By Type - Global Light Field Revenue Market Share, 2017-2028
- Figure 9. By Application - Global Light Field Revenue Market Share, 2017-2028
- Figure 10. By Region - Global Light Field Revenue Market Share, 2017-2028
- Figure 11. By Country - North America Light Field Revenue Market Share, 2017-2028
- Figure 12. US Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 13. Canada Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 14. Mexico Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 15. By Country - Europe Light Field Revenue Market Share, 2017-2028
- Figure 16. Germany Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 17. France Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 18. U.K. Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 19. Italy Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 20. Russia Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 21. Nordic Countries Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 22. Benelux Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 23. By Region - Asia Light Field Revenue Market Share, 2017-2028
- Figure 24. China Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 25. Japan Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 26. South Korea Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 27. Southeast Asia Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 28. India Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 29. By Country - South America Light Field Revenue Market Share, 2017-2028
- Figure 30. Brazil Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 31. Argentina Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 32. By Country - Middle East & Africa Light Field Revenue Market Share, 2017-2028
- Figure 33. Turkey Light Field Revenue, (US\$, Mn), 2017-2028
- Figure 34. Israel Light Field Revenue, (US\$, Mn), 2017-2028

Figure 35. Saudi Arabia Light Field Revenue, (US\$, Mn), 2017-2028

Figure 36. UAE Light Field Revenue, (US\$, Mn), 2017-2028

Figure 37. Lytro Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 38. Avegant Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 39. FoVI 3D Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 40. Japan Display Inc (JDI) Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 41. OTOY Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 42. Light Field Lab Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 43. Holografika Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 44. Lumii Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 45. Raytrix Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 46. Leia Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 47. NVIDIA Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 48. Toshiba Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 49. Ricoh Innovations Light Field Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

I would like to order

Product name: Light Field Market - Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/LA47498797B8EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/LA47498797B8EN.html>