

# Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market Growth 2023-2029

<https://marketpublishers.com/r/GB061F1A0114EN.html>

Date: April 2023

Pages: 91

Price: US\$ 3,660.00 (Single User License)

ID: GB061F1A0114EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Gallium Arsenide (GaAs) Single-Mode VCSEL market size is projected to grow from US\$ 499.9 million in 2022 to US\$ 1144.5 million in 2029; it is expected to grow at a CAGR of 12.6% from 2023 to 2029.

United States market for Gallium Arsenide (GaAs) Single-Mode VCSEL is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Gallium Arsenide (GaAs) Single-Mode VCSEL is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Gallium Arsenide (GaAs) Single-Mode VCSEL is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Gallium Arsenide (GaAs) Single-Mode VCSEL players cover Coherent(II-VI), Lumentum, ams-OSRAM, TRUMPF and Broadcom, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

A Gallium Arsenide (GaAs) Single-Mode VCSEL is a type of semiconductor laser that emits light in a single, well-defined mode. VCSEL stands for Vertical Cavity Surface Emitting Laser, which means that the laser emits light perpendicular to the surface of the chip, as opposed to edge-emitting lasers that emit light from the edge of the chip.

GaAs single-mode VCSELs are widely used in optical communications and sensing applications, such as fiber-optic communication networks, data centers, and medical imaging. They offer advantages over other types of lasers, including high efficiency, low threshold current, narrow linewidth, and high reliability. These characteristics make GaAs single-mode VCSELs ideal for applications requiring high-speed, low-power, and long-distance communication, as well as high-resolution sensing.

LPI (LP Information)' newest research report, the "Gallium Arsenide (GaAs) Single-Mode VCSEL Industry Forecast" looks at past sales and reviews total world Gallium Arsenide (GaAs) Single-Mode VCSEL sales in 2022, providing a comprehensive analysis by region and market sector of projected Gallium Arsenide (GaAs) Single-Mode VCSEL sales for 2023 through 2029. With Gallium Arsenide (GaAs) Single-Mode VCSEL sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Gallium Arsenide (GaAs) Single-Mode VCSEL industry.

This Insight Report provides a comprehensive analysis of the global Gallium Arsenide (GaAs) Single-Mode VCSEL landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Gallium Arsenide (GaAs) Single-Mode VCSEL portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Gallium Arsenide (GaAs) Single-Mode VCSEL market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Gallium Arsenide (GaAs) Single-Mode VCSEL and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Gallium Arsenide (GaAs) Single-Mode VCSEL.

This report presents a comprehensive overview, market shares, and growth opportunities of Gallium Arsenide (GaAs) Single-Mode VCSEL market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

## Segmentation by type

High-power

Low-power

## Segmentation by application

Consumer Electronics

Data Center

Commercial & Industrial

Automotive

Healthcare

Military

This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Coherent(II-VI)

Lumentum

ams-OSRAM

TRUMPF

Broadcom

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Gallium Arsenide (GaAs) Single-Mode VCSEL market?

What factors are driving Gallium Arsenide (GaAs) Single-Mode VCSEL market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Gallium Arsenide (GaAs) Single-Mode VCSEL market opportunities vary by end market size?

How does Gallium Arsenide (GaAs) Single-Mode VCSEL break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Annual Sales 2018-2029
  - 2.1.2 World Current & Future Analysis for Gallium Arsenide (GaAs) Single-Mode VCSEL by Geographic Region, 2018, 2022 & 2029
  - 2.1.3 World Current & Future Analysis for Gallium Arsenide (GaAs) Single-Mode VCSEL by Country/Region, 2018, 2022 & 2029
- 2.2 Gallium Arsenide (GaAs) Single-Mode VCSEL Segment by Type
  - 2.2.1 High-power
  - 2.2.2 Low-power
- 2.3 Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Type
  - 2.3.1 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Type (2018-2023)
  - 2.3.2 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue and Market Share by Type (2018-2023)
  - 2.3.3 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sale Price by Type (2018-2023)
- 2.4 Gallium Arsenide (GaAs) Single-Mode VCSEL Segment by Application
  - 2.4.1 Consumer Electronics
  - 2.4.2 Data Center
  - 2.4.3 Commercial & Industrial
  - 2.4.4 Automotive
  - 2.4.5 Healthcare
  - 2.4.6 Military
- 2.5 Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Application

2.5.1 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sale Market Share by Application (2018-2023)

2.5.2 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue and Market Share by Application (2018-2023)

2.5.3 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sale Price by Application (2018-2023)

### **3 GLOBAL GALLIUM ARSENIDE (GAAS) SINGLE-MODE VCSEL BY COMPANY**

3.1 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Breakdown Data by Company

3.1.1 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Annual Sales by Company (2018-2023)

3.1.2 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Company (2018-2023)

3.2 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Annual Revenue by Company (2018-2023)

3.2.1 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Company (2018-2023)

3.2.2 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Company (2018-2023)

3.3 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sale Price by Company

3.4 Key Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Product Location Distribution

3.4.2 Players Gallium Arsenide (GaAs) Single-Mode VCSEL Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR GALLIUM ARSENIDE (GAAS) SINGLE-MODE VCSEL BY GEOGRAPHIC REGION**

4.1 World Historic Gallium Arsenide (GaAs) Single-Mode VCSEL Market Size by Geographic Region (2018-2023)

4.1.1 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Gallium Arsenide (GaAs) Single-Mode VCSEL Market Size by Country/Region (2018-2023)

4.2.1 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Annual Sales by Country/Region (2018-2023)

4.2.2 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Annual Revenue by Country/Region (2018-2023)

4.3 Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Growth

4.4 APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Growth

4.5 Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Growth

4.6 Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Growth

## **5 AMERICAS**

5.1 Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Country

5.1.1 Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Country (2018-2023)

5.1.2 Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Country (2018-2023)

5.2 Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Type

5.3 Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Region

6.1.1 APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Region (2018-2023)

6.1.2 APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Region (2018-2023)

6.2 APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Type

6.3 APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Application

6.4 China

6.5 Japan

6.6 South Korea



- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Gallium Arsenide (GaAs) Single-Mode VCSEL by Country
  - 7.1.1 Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Country (2018-2023)
  - 7.1.2 Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Country (2018-2023)
- 7.2 Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Type
- 7.3 Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL by Country
  - 8.1.1 Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Country (2018-2023)
  - 8.1.2 Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Type
- 8.3 Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Gallium Arsenide (GaAs) Single-Mode VCSEL

10.3 Manufacturing Process Analysis of Gallium Arsenide (GaAs) Single-Mode VCSEL

10.4 Industry Chain Structure of Gallium Arsenide (GaAs) Single-Mode VCSEL

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Gallium Arsenide (GaAs) Single-Mode VCSEL Distributors

11.3 Gallium Arsenide (GaAs) Single-Mode VCSEL Customer

## **12 WORLD FORECAST REVIEW FOR GALLIUM ARSENIDE (GAAS) SINGLE-MODE VCSEL BY GEOGRAPHIC REGION**

12.1 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market Size Forecast by Region

12.1.1 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Forecast by Region (2024-2029)

12.1.2 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Annual Revenue Forecast by Region (2024-2029)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Forecast by Type

12.7 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

13.1 Coherent(II-VI)

13.1.1 Coherent(II-VI) Company Information

- 13.1.2 Coherent(II-VI) Gallium Arsenide (GaAs) Single-Mode VCSEL Product Portfolios and Specifications
  - 13.1.3 Coherent(II-VI) Gallium Arsenide (GaAs) Single-Mode VCSEL Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.1.4 Coherent(II-VI) Main Business Overview
  - 13.1.5 Coherent(II-VI) Latest Developments
- 13.2 Lumentum
  - 13.2.1 Lumentum Company Information
  - 13.2.2 Lumentum Gallium Arsenide (GaAs) Single-Mode VCSEL Product Portfolios and Specifications
  - 13.2.3 Lumentum Gallium Arsenide (GaAs) Single-Mode VCSEL Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.2.4 Lumentum Main Business Overview
  - 13.2.5 Lumentum Latest Developments
- 13.3 ams-OSRAM
  - 13.3.1 ams-OSRAM Company Information
  - 13.3.2 ams-OSRAM Gallium Arsenide (GaAs) Single-Mode VCSEL Product Portfolios and Specifications
  - 13.3.3 ams-OSRAM Gallium Arsenide (GaAs) Single-Mode VCSEL Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.3.4 ams-OSRAM Main Business Overview
  - 13.3.5 ams-OSRAM Latest Developments
- 13.4 TRUMPF
  - 13.4.1 TRUMPF Company Information
  - 13.4.2 TRUMPF Gallium Arsenide (GaAs) Single-Mode VCSEL Product Portfolios and Specifications
  - 13.4.3 TRUMPF Gallium Arsenide (GaAs) Single-Mode VCSEL Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.4.4 TRUMPF Main Business Overview
  - 13.4.5 TRUMPF Latest Developments
- 13.5 Broadcom
  - 13.5.1 Broadcom Company Information
  - 13.5.2 Broadcom Gallium Arsenide (GaAs) Single-Mode VCSEL Product Portfolios and Specifications
  - 13.5.3 Broadcom Gallium Arsenide (GaAs) Single-Mode VCSEL Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.5.4 Broadcom Main Business Overview
  - 13.5.5 Broadcom Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

- Table 1. Gallium Arsenide (GaAs) Single-Mode VCSEL Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)
- Table 2. Gallium Arsenide (GaAs) Single-Mode VCSEL Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)
- Table 3. Major Players of High-power
- Table 4. Major Players of Low-power
- Table 5. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Type (2018-2023) & (K Units)
- Table 6. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Type (2018-2023)
- Table 7. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Type (2018-2023) & (\$ million)
- Table 8. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Type (2018-2023)
- Table 9. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sale Price by Type (2018-2023) & (US\$/Unit)
- Table 10. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Application (2018-2023) & (K Units)
- Table 11. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Application (2018-2023)
- Table 12. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Application (2018-2023)
- Table 13. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Application (2018-2023)
- Table 14. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sale Price by Application (2018-2023) & (US\$/Unit)
- Table 15. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Company (2018-2023) & (K Units)
- Table 16. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Company (2018-2023)
- Table 17. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Company (2018-2023) (\$ Millions)
- Table 18. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Company (2018-2023)
- Table 19. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sale Price by Company

(2018-2023) & (US\$/Unit)

Table 20. Key Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Producing Area Distribution and Sales Area

Table 21. Players Gallium Arsenide (GaAs) Single-Mode VCSEL Products Offered

Table 22. Gallium Arsenide (GaAs) Single-Mode VCSEL Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Geographic Region (2018-2023) & (K Units)

Table 26. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share Geographic Region (2018-2023)

Table 27. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 28. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Geographic Region (2018-2023)

Table 29. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Country/Region (2018-2023) & (K Units)

Table 30. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Country/Region (2018-2023)

Table 31. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Country/Region (2018-2023) & (\$ millions)

Table 32. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Country/Region (2018-2023)

Table 33. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Country (2018-2023) & (K Units)

Table 34. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Country (2018-2023)

Table 35. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Country (2018-2023) & (\$ Millions)

Table 36. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Country (2018-2023)

Table 37. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Type (2018-2023) & (K Units)

Table 38. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Application (2018-2023) & (K Units)

Table 39. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Region (2018-2023) & (K Units)

Table 40. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by

## Region (2018-2023)

Table 41. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Region (2018-2023) & (\$ Millions)

Table 42. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Region (2018-2023)

Table 43. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Type (2018-2023) & (K Units)

Table 44. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Application (2018-2023) & (K Units)

Table 45. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Country (2018-2023) & (K Units)

Table 46. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Country (2018-2023)

Table 47. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Country (2018-2023) & (\$ Millions)

Table 48. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Country (2018-2023)

Table 49. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Type (2018-2023) & (K Units)

Table 50. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Application (2018-2023) & (K Units)

Table 51. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Country (2018-2023) & (K Units)

Table 52. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Country (2018-2023)

Table 53. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue by Country (2018-2023) & (\$ Millions)

Table 54. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Country (2018-2023)

Table 55. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Type (2018-2023) & (K Units)

Table 56. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Application (2018-2023) & (K Units)

Table 57. Key Market Drivers & Growth Opportunities of Gallium Arsenide (GaAs) Single-Mode VCSEL

Table 58. Key Market Challenges & Risks of Gallium Arsenide (GaAs) Single-Mode VCSEL

Table 59. Key Industry Trends of Gallium Arsenide (GaAs) Single-Mode VCSEL

Table 60. Gallium Arsenide (GaAs) Single-Mode VCSEL Raw Material



- Table 61. Key Suppliers of Raw Materials
- Table 62. Gallium Arsenide (GaAs) Single-Mode VCSEL Distributors List
- Table 63. Gallium Arsenide (GaAs) Single-Mode VCSEL Customer List
- Table 64. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Forecast by Region (2024-2029) & (K Units)
- Table 65. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 66. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Forecast by Country (2024-2029) & (K Units)
- Table 67. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 68. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Forecast by Region (2024-2029) & (K Units)
- Table 69. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 70. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Forecast by Country (2024-2029) & (K Units)
- Table 71. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 72. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Forecast by Country (2024-2029) & (K Units)
- Table 73. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 74. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Forecast by Type (2024-2029) & (K Units)
- Table 75. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Forecast by Type (2024-2029) & (\$ Millions)
- Table 76. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Forecast by Application (2024-2029) & (K Units)
- Table 77. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Forecast by Application (2024-2029) & (\$ Millions)
- Table 78. Coherent(II-VI) Basic Information, Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturing Base, Sales Area and Its Competitors
- Table 79. Coherent(II-VI) Gallium Arsenide (GaAs) Single-Mode VCSEL Product Portfolios and Specifications
- Table 80. Coherent(II-VI) Gallium Arsenide (GaAs) Single-Mode VCSEL Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 81. Coherent(II-VI) Main Business
- Table 82. Coherent(II-VI) Latest Developments



Table 83. Lumentum Basic Information, Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 84. Lumentum Gallium Arsenide (GaAs) Single-Mode VCSEL Product Portfolios and Specifications

Table 85. Lumentum Gallium Arsenide (GaAs) Single-Mode VCSEL Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 86. Lumentum Main Business

Table 87. Lumentum Latest Developments

Table 88. ams-OSRAM Basic Information, Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 89. ams-OSRAM Gallium Arsenide (GaAs) Single-Mode VCSEL Product Portfolios and Specifications

Table 90. ams-OSRAM Gallium Arsenide (GaAs) Single-Mode VCSEL Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 91. ams-OSRAM Main Business

Table 92. ams-OSRAM Latest Developments

Table 93. TRUMPF Basic Information, Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 94. TRUMPF Gallium Arsenide (GaAs) Single-Mode VCSEL Product Portfolios and Specifications

Table 95. TRUMPF Gallium Arsenide (GaAs) Single-Mode VCSEL Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 96. TRUMPF Main Business

Table 97. TRUMPF Latest Developments

Table 98. Broadcom Basic Information, Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 99. Broadcom Gallium Arsenide (GaAs) Single-Mode VCSEL Product Portfolios and Specifications

Table 100. Broadcom Gallium Arsenide (GaAs) Single-Mode VCSEL Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 101. Broadcom Main Business

Table 102. Broadcom Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Gallium Arsenide (GaAs) Single-Mode VCSEL
- Figure 2. Gallium Arsenide (GaAs) Single-Mode VCSEL Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Gallium Arsenide (GaAs) Single-Mode VCSEL Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of High-power
- Figure 10. Product Picture of Low-power
- Figure 11. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Type in 2022
- Figure 12. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Type (2018-2023)
- Figure 13. Gallium Arsenide (GaAs) Single-Mode VCSEL Consumed in Consumer Electronics
- Figure 14. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Consumer Electronics (2018-2023) & (K Units)
- Figure 15. Gallium Arsenide (GaAs) Single-Mode VCSEL Consumed in Data Center
- Figure 16. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Data Center (2018-2023) & (K Units)
- Figure 17. Gallium Arsenide (GaAs) Single-Mode VCSEL Consumed in Commercial & Industrial
- Figure 18. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Commercial & Industrial (2018-2023) & (K Units)
- Figure 19. Gallium Arsenide (GaAs) Single-Mode VCSEL Consumed in Automotive
- Figure 20. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Automotive (2018-2023) & (K Units)
- Figure 21. Gallium Arsenide (GaAs) Single-Mode VCSEL Consumed in Healthcare
- Figure 22. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Healthcare (2018-2023) & (K Units)
- Figure 23. Gallium Arsenide (GaAs) Single-Mode VCSEL Consumed in Military

Figure 24. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Military (2018-2023) & (K Units)

Figure 25. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Application (2022)

Figure 26. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Application in 2022

Figure 27. Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market by Company in 2022 (K Units)

Figure 28. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Company in 2022

Figure 29. Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market by Company in 2022 (\$ Million)

Figure 30. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Company in 2022

Figure 31. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Geographic Region (2018-2023)

Figure 32. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Geographic Region in 2022

Figure 33. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales 2018-2023 (K Units)

Figure 34. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue 2018-2023 (\$ Millions)

Figure 35. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales 2018-2023 (K Units)

Figure 36. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue 2018-2023 (\$ Millions)

Figure 37. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales 2018-2023 (K Units)

Figure 38. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue 2018-2023 (\$ Millions)

Figure 39. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales 2018-2023 (K Units)

Figure 40. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue 2018-2023 (\$ Millions)

Figure 41. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Country in 2022

Figure 42. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Country in 2022

Figure 43. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share

by Type (2018-2023)

Figure 44. Americas Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Application (2018-2023)

Figure 45. United States Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 46. Canada Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 47. Mexico Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 48. Brazil Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 49. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Region in 2022

Figure 50. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Regions in 2022

Figure 51. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Type (2018-2023)

Figure 52. APAC Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Application (2018-2023)

Figure 53. China Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Japan Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 55. South Korea Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 56. Southeast Asia Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 57. India Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 58. Australia Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 59. China Taiwan Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 60. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Country in 2022

Figure 61. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Country in 2022

Figure 62. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Type (2018-2023)

Figure 63. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Application (2018-2023)

Figure 64. Germany Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 65. France Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 66. UK Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 67. Italy Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 68. Russia Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 69. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Country in 2022

Figure 70. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share by Country in 2022

Figure 71. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Type (2018-2023)

Figure 72. Middle East & Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share by Application (2018-2023)

Figure 73. Egypt Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 74. South Africa Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 75. Israel Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 76. Turkey Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 77. GCC Country Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Growth 2018-2023 (\$ Millions)

Figure 78. Manufacturing Cost Structure Analysis of Gallium Arsenide (GaAs) Single-Mode VCSEL in 2022

Figure 79. Manufacturing Process Analysis of Gallium Arsenide (GaAs) Single-Mode VCSEL

Figure 80. Industry Chain Structure of Gallium Arsenide (GaAs) Single-Mode VCSEL

Figure 81. Channels of Distribution

Figure 82. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Forecast by Region (2024-2029)

Figure 83. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market

Share Forecast by Region (2024-2029)

Figure 84. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share Forecast by Type (2024-2029)

Figure 85. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share Forecast by Type (2024-2029)

Figure 86. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Market Share Forecast by Application (2024-2029)

Figure 87. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Revenue Market Share Forecast by Application (2024-2029)



## I would like to order

Product name: Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/GB061F1A0114EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB061F1A0114EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970