

Global VCSEL Market Growth 2025-2031

<https://marketpublishers.com/r/G7C520BFE773EN.html>

Date: June 2026

Pages: 113

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

ID: G7C520BFE773EN

Abstracts

The global VCSEL market size is predicted to grow from US\$ 2188 million in 2025 to US\$ 3867 million in 2031; it is expected to grow at a CAGR of 10.0% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

VCSEL is a type of semiconductor laser diode with laser beam emission perpendicular from the top surface, contrary to conventional edge-emitting semiconductor lasers (also in-plane lasers) which emit from surfaces formed by cleaving the individual chip out of a wafer.

United States market for VCSEL is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for VCSEL is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for VCSEL is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key VCSEL players cover Finisar, Lumentum, Broadcom, Philips Photonics, II-VI, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "VCSEL Industry Forecast" looks at past sales and reviews total world VCSEL sales in 2024, providing a

comprehensive analysis by region and market sector of projected VCSEL sales for 2025 through 2031. With VCSEL sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world VCSEL industry.

This Insight Report provides a comprehensive analysis of the global 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 VCSEL portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global VCSEL market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 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 VCSEL.

This report presents a comprehensive overview, market shares, and growth opportunities of VCSEL market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Single Mode

Multimode

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 analysing the company's coverage, product portfolio, its market penetration.

Finisar

Lumentum

Broadcom

Philips Photonics

II-VI

IQE

AMS

Vixarinc

Santec

Vertilas

Coherent

TT Electronics

Newport

Neophotonics

Key Questions Addressed in this Report

What is the 10-year outlook for the global VCSEL market?

What factors are driving VCSEL market growth, globally and by region?

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

How do VCSEL market opportunities vary by end market size?

How does VCSEL break out by Type, by Application?

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 VCSEL Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for VCSEL by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for VCSEL by Country/Region, 2020, 2024 & 2031
- 2.2 VCSEL Segment by Type
 - 2.2.1 Single Mode
 - 2.2.2 Multimode
- 2.3 VCSEL Sales by Type
 - 2.3.1 Global VCSEL Sales Market Share by Type (2020-2025)
 - 2.3.2 Global VCSEL Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global VCSEL Sale Price by Type (2020-2025)
- 2.4 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 VCSEL Sales by Application
 - 2.5.1 Global VCSEL Sale Market Share by Application (2020-2025)
 - 2.5.2 Global VCSEL Revenue and Market Share by Application (2020-2025)
 - 2.5.3 Global VCSEL Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global VCSEL Breakdown Data by Company

3.1.1 Global VCSEL Annual Sales by Company (2020-2025)

3.1.2 Global VCSEL Sales Market Share by Company (2020-2025)

3.2 Global VCSEL Annual Revenue by Company (2020-2025)

3.2.1 Global VCSEL Revenue by Company (2020-2025)

3.2.2 Global VCSEL Revenue Market Share by Company (2020-2025)

3.3 Global VCSEL Sale Price by Company

3.4 Key Manufacturers VCSEL Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers VCSEL Product Location Distribution

3.4.2 Players VCSEL Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR VCSEL BY GEOGRAPHIC REGION

4.1 World Historic VCSEL Market Size by Geographic Region (2020-2025)

4.1.1 Global VCSEL Annual Sales by Geographic Region (2020-2025)

4.1.2 Global VCSEL Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic VCSEL Market Size by Country/Region (2020-2025)

4.2.1 Global VCSEL Annual Sales by Country/Region (2020-2025)

4.2.2 Global VCSEL Annual Revenue by Country/Region (2020-2025)

4.3 Americas VCSEL Sales Growth

4.4 APAC VCSEL Sales Growth

4.5 Europe VCSEL Sales Growth

4.6 Middle East & Africa VCSEL Sales Growth

5 AMERICAS

5.1 Americas VCSEL Sales by Country

5.1.1 Americas VCSEL Sales by Country (2020-2025)

5.1.2 Americas VCSEL Revenue by Country (2020-2025)

5.2 Americas VCSEL Sales by Type (2020-2025)

5.3 Americas VCSEL Sales by Application (2020-2025)

- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC VCSEL Sales by Region
 - 6.1.1 APAC VCSEL Sales by Region (2020-2025)
 - 6.1.2 APAC VCSEL Revenue by Region (2020-2025)
- 6.2 APAC VCSEL Sales by Type (2020-2025)
- 6.3 APAC VCSEL Sales by Application (2020-2025)
- 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 VCSEL by Country
 - 7.1.1 Europe VCSEL Sales by Country (2020-2025)
 - 7.1.2 Europe VCSEL Revenue by Country (2020-2025)
- 7.2 Europe VCSEL Sales by Type (2020-2025)
- 7.3 Europe VCSEL Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa VCSEL by Country
 - 8.1.1 Middle East & Africa VCSEL Sales by Country (2020-2025)
 - 8.1.2 Middle East & Africa VCSEL Revenue by Country (2020-2025)
- 8.2 Middle East & Africa VCSEL Sales by Type (2020-2025)

8.3 Middle East & Africa VCSEL Sales by Application (2020-2025)

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 VCSEL

10.3 Manufacturing Process Analysis of VCSEL

10.4 Industry Chain Structure of VCSEL

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 VCSEL Distributors

11.3 VCSEL Customer

12 WORLD FORECAST REVIEW FOR VCSEL BY GEOGRAPHIC REGION

12.1 Global VCSEL Market Size Forecast by Region

12.1.1 Global VCSEL Forecast by Region (2026-2031)

12.1.2 Global VCSEL Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global VCSEL Forecast by Type (2026-2031)

12.7 Global VCSEL Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Finisar

- 13.1.1 Finisar Company Information
- 13.1.2 Finisar VCSEL Product Portfolios and Specifications
- 13.1.3 Finisar VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.1.4 Finisar Main Business Overview
- 13.1.5 Finisar Latest Developments

13.2 Lumentum

- 13.2.1 Lumentum Company Information
- 13.2.2 Lumentum VCSEL Product Portfolios and Specifications
- 13.2.3 Lumentum VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.2.4 Lumentum Main Business Overview
- 13.2.5 Lumentum Latest Developments

13.3 Broadcom

- 13.3.1 Broadcom Company Information
- 13.3.2 Broadcom VCSEL Product Portfolios and Specifications
- 13.3.3 Broadcom VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.3.4 Broadcom Main Business Overview
- 13.3.5 Broadcom Latest Developments

13.4 Philips Photonics

- 13.4.1 Philips Photonics Company Information
- 13.4.2 Philips Photonics VCSEL Product Portfolios and Specifications
- 13.4.3 Philips Photonics VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.4.4 Philips Photonics Main Business Overview
- 13.4.5 Philips Photonics Latest Developments

13.5 II-VI

- 13.5.1 II-VI Company Information
- 13.5.2 II-VI VCSEL Product Portfolios and Specifications
- 13.5.3 II-VI VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.5.4 II-VI Main Business Overview
- 13.5.5 II-VI Latest Developments

13.6 IQE

- 13.6.1 IQE Company Information
- 13.6.2 IQE VCSEL Product Portfolios and Specifications
- 13.6.3 IQE VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.6.4 IQE Main Business Overview
- 13.6.5 IQE Latest Developments

13.7 AMS

13.7.1 AMS Company Information

13.7.2 AMS VCSEL Product Portfolios and Specifications

13.7.3 AMS VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 AMS Main Business Overview

13.7.5 AMS Latest Developments

13.8 Vixarinc

13.8.1 Vixarinc Company Information

13.8.2 Vixarinc VCSEL Product Portfolios and Specifications

13.8.3 Vixarinc VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Vixarinc Main Business Overview

13.8.5 Vixarinc Latest Developments

13.9 Santec

13.9.1 Santec Company Information

13.9.2 Santec VCSEL Product Portfolios and Specifications

13.9.3 Santec VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 Santec Main Business Overview

13.9.5 Santec Latest Developments

13.10 Vertilas

13.10.1 Vertilas Company Information

13.10.2 Vertilas VCSEL Product Portfolios and Specifications

13.10.3 Vertilas VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Vertilas Main Business Overview

13.10.5 Vertilas Latest Developments

13.11 Coherent

13.11.1 Coherent Company Information

13.11.2 Coherent VCSEL Product Portfolios and Specifications

13.11.3 Coherent VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 Coherent Main Business Overview

13.11.5 Coherent Latest Developments

13.12 TT Electronics

13.12.1 TT Electronics Company Information

13.12.2 TT Electronics VCSEL Product Portfolios and Specifications

13.12.3 TT Electronics VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 TT Electronics Main Business Overview

13.12.5 TT Electronics Latest Developments

13.13 Newport

13.13.1 Newport Company Information

13.13.2 Newport VCSEL Product Portfolios and Specifications

13.13.3 Newport VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 Newport Main Business Overview

13.13.5 Newport Latest Developments

13.14 Neophotonics

13.14.1 Neophotonics Company Information

13.14.2 Neophotonics VCSEL Product Portfolios and Specifications

13.14.3 Neophotonics VCSEL Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 Neophotonics Main Business Overview

13.14.5 Neophotonics Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. VCSEL Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. VCSEL Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Single Mode

Table 4. Major Players of Multimode

Table 5. Global VCSEL Sales by Type (2020-2025) & (K Units)

Table 6. Global VCSEL Sales Market Share by Type (2020-2025)

Table 7. Global VCSEL Revenue by Type (2020-2025) & (\$ million)

Table 8. Global VCSEL Revenue Market Share by Type (2020-2025)

Table 9. Global VCSEL Sale Price by Type (2020-2025) & (USD/Unit)

Table 10. Global VCSEL Sale by Application (2020-2025) & (K Units)

Table 11. Global VCSEL Sale Market Share by Application (2020-2025)

Table 12. Global VCSEL Revenue by Application (2020-2025) & (\$ million)

Table 13. Global VCSEL Revenue Market Share by Application (2020-2025)

Table 14. Global VCSEL Sale Price by Application (2020-2025) & (USD/Unit)

Table 15. Global VCSEL Sales by Company (2020-2025) & (K Units)

Table 16. Global VCSEL Sales Market Share by Company (2020-2025)

Table 17. Global VCSEL Revenue by Company (2020-2025) & (\$ millions)

Table 18. Global VCSEL Revenue Market Share by Company (2020-2025)

Table 19. Global VCSEL Sale Price by Company (2020-2025) & (USD/Unit)

Table 20. Key Manufacturers VCSEL Producing Area Distribution and Sales Area

Table 21. Players VCSEL Products Offered

Table 22. VCSEL Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global VCSEL Sales by Geographic Region (2020-2025) & (K Units)

Table 26. Global VCSEL Sales Market Share Geographic Region (2020-2025)

Table 27. Global VCSEL Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global VCSEL Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global VCSEL Sales by Country/Region (2020-2025) & (K Units)

Table 30. Global VCSEL Sales Market Share by Country/Region (2020-2025)

Table 31. Global VCSEL Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global VCSEL Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas VCSEL Sales by Country (2020-2025) & (K Units)

- Table 34. Americas VCSEL Sales Market Share by Country (2020-2025)
- Table 35. Americas VCSEL Revenue by Country (2020-2025) & (\$ millions)
- Table 36. Americas VCSEL Sales by Type (2020-2025) & (K Units)
- Table 37. Americas VCSEL Sales by Application (2020-2025) & (K Units)
- Table 38. APAC VCSEL Sales by Region (2020-2025) & (K Units)
- Table 39. APAC VCSEL Sales Market Share by Region (2020-2025)
- Table 40. APAC VCSEL Revenue by Region (2020-2025) & (\$ millions)
- Table 41. APAC VCSEL Sales by Type (2020-2025) & (K Units)
- Table 42. APAC VCSEL Sales by Application (2020-2025) & (K Units)
- Table 43. Europe VCSEL Sales by Country (2020-2025) & (K Units)
- Table 44. Europe VCSEL Revenue by Country (2020-2025) & (\$ millions)
- Table 45. Europe VCSEL Sales by Type (2020-2025) & (K Units)
- Table 46. Europe VCSEL Sales by Application (2020-2025) & (K Units)
- Table 47. Middle East & Africa VCSEL Sales by Country (2020-2025) & (K Units)
- Table 48. Middle East & Africa VCSEL Revenue Market Share by Country (2020-2025)
- Table 49. Middle East & Africa VCSEL Sales by Type (2020-2025) & (K Units)
- Table 50. Middle East & Africa VCSEL Sales by Application (2020-2025) & (K Units)
- Table 51. Key Market Drivers & Growth Opportunities of VCSEL
- Table 52. Key Market Challenges & Risks of VCSEL
- Table 53. Key Industry Trends of VCSEL
- Table 54. VCSEL Raw Material
- Table 55. Key Suppliers of Raw Materials
- Table 56. VCSEL Distributors List
- Table 57. VCSEL Customer List
- Table 58. Global VCSEL Sales Forecast by Region (2026-2031) & (K Units)
- Table 59. Global VCSEL Revenue Forecast by Region (2026-2031) & (\$ millions)
- Table 60. Americas VCSEL Sales Forecast by Country (2026-2031) & (K Units)
- Table 61. Americas VCSEL Annual Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 62. APAC VCSEL Sales Forecast by Region (2026-2031) & (K Units)
- Table 63. APAC VCSEL Annual Revenue Forecast by Region (2026-2031) & (\$ millions)
- Table 64. Europe VCSEL Sales Forecast by Country (2026-2031) & (K Units)
- Table 65. Europe VCSEL Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 66. Middle East & Africa VCSEL Sales Forecast by Country (2026-2031) & (K Units)
- Table 67. Middle East & Africa VCSEL Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 68. Global VCSEL Sales Forecast by Type (2026-2031) & (K Units)

- Table 69. Global VCSEL Revenue Forecast by Type (2026-2031) & (\$ millions)
- Table 70. Global VCSEL Sales Forecast by Application (2026-2031) & (K Units)
- Table 71. Global VCSEL Revenue Forecast by Application (2026-2031) & (\$ millions)
- Table 72. Finisar Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors
- Table 73. Finisar VCSEL Product Portfolios and Specifications
- Table 74. Finisar VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 75. Finisar Main Business
- Table 76. Finisar Latest Developments
- Table 77. Lumentum Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors
- Table 78. Lumentum VCSEL Product Portfolios and Specifications
- Table 79. Lumentum VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 80. Lumentum Main Business
- Table 81. Lumentum Latest Developments
- Table 82. Broadcom Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors
- Table 83. Broadcom VCSEL Product Portfolios and Specifications
- Table 84. Broadcom VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 85. Broadcom Main Business
- Table 86. Broadcom Latest Developments
- Table 87. Philips Photonics Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors
- Table 88. Philips Photonics VCSEL Product Portfolios and Specifications
- Table 89. Philips Photonics VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 90. Philips Photonics Main Business
- Table 91. Philips Photonics Latest Developments
- Table 92. II-VI Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors
- Table 93. II-VI VCSEL Product Portfolios and Specifications
- Table 94. II-VI VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 95. II-VI Main Business
- Table 96. II-VI Latest Developments
- Table 97. IQE Basic Information, VCSEL Manufacturing Base, Sales Area and Its

Competitors

Table 98. IQE VCSEL Product Portfolios and Specifications

Table 99. IQE VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 100. IQE Main Business

Table 101. IQE Latest Developments

Table 102. AMS Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 103. AMS VCSEL Product Portfolios and Specifications

Table 104. AMS VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 105. AMS Main Business

Table 106. AMS Latest Developments

Table 107. Vixarinc Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 108. Vixarinc VCSEL Product Portfolios and Specifications

Table 109. Vixarinc VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 110. Vixarinc Main Business

Table 111. Vixarinc Latest Developments

Table 112. Santec Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 113. Santec VCSEL Product Portfolios and Specifications

Table 114. Santec VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 115. Santec Main Business

Table 116. Santec Latest Developments

Table 117. Vertilas Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 118. Vertilas VCSEL Product Portfolios and Specifications

Table 119. Vertilas VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 120. Vertilas Main Business

Table 121. Vertilas Latest Developments

Table 122. Coherent Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 123. Coherent VCSEL Product Portfolios and Specifications

Table 124. Coherent VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 125. Coherent Main Business

Table 126. Coherent Latest Developments

Table 127. TT Electronics Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 128. TT Electronics VCSEL Product Portfolios and Specifications

Table 129. TT Electronics VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 130. TT Electronics Main Business

Table 131. TT Electronics Latest Developments

Table 132. Newport Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 133. Newport VCSEL Product Portfolios and Specifications

Table 134. Newport VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 135. Newport Main Business

Table 136. Newport Latest Developments

Table 137. Neophotonics Basic Information, VCSEL Manufacturing Base, Sales Area and Its Competitors

Table 138. Neophotonics VCSEL Product Portfolios and Specifications

Table 139. Neophotonics VCSEL Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 140. Neophotonics Main Business

Table 141. Neophotonics Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of VCSEL
- Figure 2. VCSEL Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global VCSEL Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global VCSEL Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. VCSEL Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. VCSEL Sales Market Share by Country/Region (2024)
- Figure 10. VCSEL Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Single Mode
- Figure 12. Product Picture of Multimode
- Figure 13. Global VCSEL Sales Market Share by Type in 2025
- Figure 14. Global VCSEL Revenue Market Share by Type (2020-2025)
- Figure 15. VCSEL Consumed in Consumer Electronics
- Figure 16. Global VCSEL Market: Consumer Electronics (2020-2025) & (K Units)
- Figure 17. VCSEL Consumed in Data Center
- Figure 18. Global VCSEL Market: Data Center (2020-2025) & (K Units)
- Figure 19. VCSEL Consumed in Commercial & Industrial
- Figure 20. Global VCSEL Market: Commercial & Industrial (2020-2025) & (K Units)
- Figure 21. VCSEL Consumed in Automotive
- Figure 22. Global VCSEL Market: Automotive (2020-2025) & (K Units)
- Figure 23. VCSEL Consumed in Healthcare
- Figure 24. Global VCSEL Market: Healthcare (2020-2025) & (K Units)
- Figure 25. VCSEL Consumed in Military
- Figure 26. Global VCSEL Market: Military (2020-2025) & (K Units)
- Figure 27. Global VCSEL Sale Market Share by Application (2024)
- Figure 28. Global VCSEL Revenue Market Share by Application in 2025
- Figure 29. VCSEL Sales by Company in 2025 (K Units)
- Figure 30. Global VCSEL Sales Market Share by Company in 2025
- Figure 31. VCSEL Revenue by Company in 2025 (\$ millions)
- Figure 32. Global VCSEL Revenue Market Share by Company in 2025
- Figure 33. Global VCSEL Sales Market Share by Geographic Region (2020-2025)
- Figure 34. Global VCSEL Revenue Market Share by Geographic Region in 2025
- Figure 35. Americas VCSEL Sales 2020-2025 (K Units)

- Figure 36. Americas VCSEL Revenue 2020-2025 (\$ millions)
- Figure 37. APAC VCSEL Sales 2020-2025 (K Units)
- Figure 38. APAC VCSEL Revenue 2020-2025 (\$ millions)
- Figure 39. Europe VCSEL Sales 2020-2025 (K Units)
- Figure 40. Europe VCSEL Revenue 2020-2025 (\$ millions)
- Figure 41. Middle East & Africa VCSEL Sales 2020-2025 (K Units)
- Figure 42. Middle East & Africa VCSEL Revenue 2020-2025 (\$ millions)
- Figure 43. Americas VCSEL Sales Market Share by Country in 2025
- Figure 44. Americas VCSEL Revenue Market Share by Country (2020-2025)
- Figure 45. Americas VCSEL Sales Market Share by Type (2020-2025)
- Figure 46. Americas VCSEL Sales Market Share by Application (2020-2025)
- Figure 47. United States VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 48. Canada VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 49. Mexico VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 50. Brazil VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 51. APAC VCSEL Sales Market Share by Region in 2025
- Figure 52. APAC VCSEL Revenue Market Share by Region (2020-2025)
- Figure 53. APAC VCSEL Sales Market Share by Type (2020-2025)
- Figure 54. APAC VCSEL Sales Market Share by Application (2020-2025)
- Figure 55. China VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 56. Japan VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 57. South Korea VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 58. Southeast Asia VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 59. India VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 60. Australia VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 61. China Taiwan VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 62. Europe VCSEL Sales Market Share by Country in 2025
- Figure 63. Europe VCSEL Revenue Market Share by Country (2020-2025)
- Figure 64. Europe VCSEL Sales Market Share by Type (2020-2025)
- Figure 65. Europe VCSEL Sales Market Share by Application (2020-2025)
- Figure 66. Germany VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 67. France VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 68. UK VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 69. Italy VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 70. Russia VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 71. Middle East & Africa VCSEL Sales Market Share by Country (2020-2025)
- Figure 72. Middle East & Africa VCSEL Sales Market Share by Type (2020-2025)
- Figure 73. Middle East & Africa VCSEL Sales Market Share by Application (2020-2025)
- Figure 74. Egypt VCSEL Revenue Growth 2020-2025 (\$ millions)

- Figure 75. South Africa VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 76. Israel VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 77. Turkey VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 78. GCC Countries VCSEL Revenue Growth 2020-2025 (\$ millions)
- Figure 79. Manufacturing Cost Structure Analysis of VCSEL in 2025
- Figure 80. Manufacturing Process Analysis of VCSEL
- Figure 81. Industry Chain Structure of VCSEL
- Figure 82. Channels of Distribution
- Figure 83. Global VCSEL Sales Market Forecast by Region (2026-2031)
- Figure 84. Global VCSEL Revenue Market Share Forecast by Region (2026-2031)
- Figure 85. Global VCSEL Sales Market Share Forecast by Type (2026-2031)
- Figure 86. Global VCSEL Revenue Market Share Forecast by Type (2026-2031)
- Figure 87. Global VCSEL Sales Market Share Forecast by Application (2026-2031)
- Figure 88. Global VCSEL Revenue Market Share Forecast by Application (2026-2031)

I would like to order

Product name: Global VCSEL Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/G7C520BFE773EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7C520BFE773EN.html>