

# EMEA (Europe, Middle East and Africa) Vertical Cavity Surface Emitting Lasers Market Report 2018

https://marketpublishers.com/r/E4C364E2CC6EN.html

Date: April 2018

Pages: 104

Price: US\$ 4,000.00 (Single User License)

ID: E4C364E2CC6EN

### **Abstracts**

In this report, the EMEA Vertical Cavity Surface Emitting Lasers market is valued at USD XX million in 2017 and is expected to reach USD XX million by the end of 2025, growing at a CAGR of XX% between 2017 and 2025.

Geographically, this report split EMEA into Europe, the Middle East and Africa, With sales (K Units), revenue (Million USD), market share and growth rate of Vertical Cavity Surface Emitting Lasers for these regions, from 2013 to 2025 (forecast)

Europe: Germany, France, UK, Russia, Italy and Benelux;

Middle East: Saudi Arabia, Israel, UAE and Iran;

Africa: South Africa, Nigeria, Egypt and Algeria.

EMEA Vertical Cavity Surface Emitting Lasers market competition by top manufacturers/players, with Vertical Cavity Surface Emitting Lasers sales volume (K Units), price (USD/Unit), revenue (Million USD) and market share for each manufacturer/player; the top players including

**Broadcom Ltd** 

Finisar Corp.

Lumentum Holdings, Inc.



#### II-VI Laser Enterprise GmbH

Sumitomo Electric Industries Ltd.

On the basis of product, this report displays the sales volume, revenue, product price, market share and growth rate of each type, primarily split into

Indium Phosphide (InP)

Gallium Nitride (GaN)

Gallium Arsenide (GaAs)

Others

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate for each application, including

Analog Broadband Signal Transmission

Optical Fiber Data Transmission

**Biological Tissue Analysis** 

Computer Mice

**Laser Printers** 

Absorption Spectroscopy

Other

If you have any special requirements, please let us know and we will offer you the report as you want.



### **Contents**

EMEA (Europe, Middle East and Africa) Vertical Cavity Surface Emitting Lasers Market Report 2018

#### 1 VERTICAL CAVITY SURFACE EMITTING LASERS OVERVIEW

- 1.1 Product Overview and Scope of Vertical Cavity Surface Emitting Lasers
- 1.2 Classification of Vertical Cavity Surface Emitting Lasers
- 1.2.1 EMEA Vertical Cavity Surface Emitting Lasers Market Size (Sales) Comparison by Type (2013-2025)
- 1.2.2 EMEA Vertical Cavity Surface Emitting Lasers Market Size (Sales) Market Share by Type (Product Category) in 2017
  - 1.2.3 Indium Phosphide (InP)
  - 1.2.4 Gallium Nitride (GaN)
  - 1.2.5 Gallium Arsenide (GaAs)
  - 1.2.6 Others
- 1.3 EMEA Vertical Cavity Surface Emitting Lasers Market by Application/End Users
- 1.3.1 EMEA Vertical Cavity Surface Emitting Lasers Sales (Volume) and Market Share Comparison by Application (2013-2025)
  - 1.3.2 Analog Broadband Signal Transmission
  - 1.3.3 Optical Fiber Data Transmission
  - 1.3.4 Biological Tissue Analysis
  - 1.3.5 Computer Mice
  - 1.3.6 Laser Printers
  - 1.3.7 Absorption Spectroscopy
  - 1.3.8 Other
- 1.4 EMEA Vertical Cavity Surface Emitting Lasers Market by Region
- 1.4.1 EMEA Vertical Cavity Surface Emitting Lasers Market Size (Value) Comparison by Region (2013-2025)
  - 1.4.2 Europe Status and Prospect (2013-2025)
  - 1.4.3 Middle East Status and Prospect (2013-2025)
  - 1.4.4 Africa Status and Prospect (2013-2025)
- 1.5 EMEA Market Size (Value and Volume) of Vertical Cavity Surface Emitting Lasers (2013-2025)
- 1.5.1 EMEA Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2025)
- 1.5.2 EMEA Vertical Cavity Surface Emitting Lasers Revenue and Growth Rate (2013-2025)



## 2 EMEA VERTICAL CAVITY SURFACE EMITTING LASERS COMPETITION BY MANUFACTURERS/PLAYERS/SUPPLIERS, REGION, TYPE AND APPLICATION

- 2.1 EMEA Vertical Cavity Surface Emitting Lasers Market Competition by Players/Manufacturers
- 2.1.1 EMEA Vertical Cavity Surface Emitting Lasers Sales Volume and Market Share of Major Players (2013-2018)
- 2.1.2 EMEA Vertical Cavity Surface Emitting Lasers Revenue and Share by Players (2013-2018)
- 2.1.3 EMEA Vertical Cavity Surface Emitting Lasers Sale Price by Players (2013-2018)
- 2.2 EMEA Vertical Cavity Surface Emitting Lasers (Volume and Value) by Type/Product Category
- 2.2.1 EMEA Vertical Cavity Surface Emitting Lasers Sales and Market Share by Type (2013-2018)
- 2.2.2 EMEA Vertical Cavity Surface Emitting Lasers Revenue and Market Share by Type (2013-2018)
- 2.2.3 EMEA Vertical Cavity Surface Emitting Lasers Sale Price by Type (2013-2018)
- 2.3 EMEA Vertical Cavity Surface Emitting Lasers (Volume) by Application
- 2.4 EMEA Vertical Cavity Surface Emitting Lasers (Volume and Value) by Region
- 2.4.1 EMEA Vertical Cavity Surface Emitting Lasers Sales and Market Share by Region (2013-2018)
- 2.4.2 EMEA Vertical Cavity Surface Emitting Lasers Revenue and Market Share by Region (2013-2018)
- 2.4.3 EMEA Vertical Cavity Surface Emitting Lasers Sales Price by Region (2013-2018)

# 3 EUROPE VERTICAL CAVITY SURFACE EMITTING LASERS (VOLUME, VALUE AND SALES PRICE), BY PLAYERS, COUNTRIES, TYPE AND APPLICATION

- 3.1 Europe Vertical Cavity Surface Emitting Lasers Sales and Value (2013-2018)
- 3.1.1 Europe Vertical Cavity Surface Emitting Lasers Sales Volume and Growth Rate (2013-2018)
- 3.1.2 Europe Vertical Cavity Surface Emitting Lasers Revenue and Growth Rate (2013-2018)
- 3.2 Europe Vertical Cavity Surface Emitting Lasers Sales and Market Share by Type
- 3.3 Europe Vertical Cavity Surface Emitting Lasers Sales and Market Share by Application
- 3.4 Europe Vertical Cavity Surface Emitting Lasers Sales Volume and Value (Revenue)



#### by Countries

- 3.4.1 Europe Vertical Cavity Surface Emitting Lasers Sales Volume by Countries (2013-2018)
- 3.4.2 Europe Vertical Cavity Surface Emitting Lasers Revenue by Countries (2013-2018)
- 3.4.3 Germany Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)
- 3.4.4 France Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)
- 3.4.5 UK Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)
- 3.4.6 Russia Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)
  - 3.4.7 Italy Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)
- 3.4.8 Benelux Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)

# 4 MIDDLE EAST VERTICAL CAVITY SURFACE EMITTING LASERS (VOLUME, VALUE AND SALES PRICE), BY REGION, TYPE AND APPLICATION

- 4.1 Middle East Vertical Cavity Surface Emitting Lasers Sales and Value (2013-2018)
- 4.1.1 Middle East Vertical Cavity Surface Emitting Lasers Sales Volume and Growth Rate (2013-2018)
- 4.1.2 Middle East Vertical Cavity Surface Emitting Lasers Revenue and Growth Rate (2013-2018)
- 4.2 Middle East Vertical Cavity Surface Emitting Lasers Sales and Market Share by Type
- 4.3 Middle East Vertical Cavity Surface Emitting Lasers Sales and Market Share by Application
- 4.4 Middle East Vertical Cavity Surface Emitting Lasers Sales Volume and Value (Revenue) by Countries
- 4.4.1 Middle East Vertical Cavity Surface Emitting Lasers Sales Volume by Countries (2013-2018)
- 4.4.2 Middle East Vertical Cavity Surface Emitting Lasers Revenue by Countries (2013-2018)
- 4.4.3 Saudi Arabia Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)
- 4.4.4 Israel Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)
- 4.4.5 UAE Vertical Cavity Surface Emitting Lasers Sales and Growth Rate



(2013-2018)

4.4.6 Iran Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)

# 5 AFRICA VERTICAL CAVITY SURFACE EMITTING LASERS (VOLUME, VALUE AND SALES PRICE) BY PLAYERS, COUNTRIES, TYPE AND APPLICATION

- 5.1 Africa Vertical Cavity Surface Emitting Lasers Sales and Value (2013-2018)
- 5.1.1 Africa Vertical Cavity Surface Emitting Lasers Sales Volume and Growth Rate (2013-2018)
- 5.1.2 Africa Vertical Cavity Surface Emitting Lasers Revenue and Growth Rate (2013-2018)
- 5.2 Africa Vertical Cavity Surface Emitting Lasers Sales and Market Share by Type
- 5.3 Africa Vertical Cavity Surface Emitting Lasers Sales and Market Share by Application
- 5.4 Africa Vertical Cavity Surface Emitting Lasers Sales Volume and Value (Revenue) by Countries
- 5.4.1 Africa Vertical Cavity Surface Emitting Lasers Sales Volume by Countries (2013-2018)
- 5.4.2 Africa Vertical Cavity Surface Emitting Lasers Revenue by Countries (2013-2018)
- 5.4.3 South Africa Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)
- 5.4.4 Nigeria Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)
- 5.4.5 Egypt Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)
- 5.4.6 Algeria Vertical Cavity Surface Emitting Lasers Sales and Growth Rate (2013-2018)

### 6 EMEA VERTICAL CAVITY SURFACE EMITTING LASERS MANUFACTURERS/PLAYERS PROFILES AND SALES DATA

- 6.1 Broadcom Ltd
  - 6.1.1 Company Basic Information, Manufacturing Base and Competitors
- 6.1.2 Vertical Cavity Surface Emitting Lasers Product Type, Application and Specification
  - 6.1.2.1 Product A
  - 6.1.2.2 Product B
- 6.1.3 Broadcom Ltd Vertical Cavity Surface Emitting Lasers Sales, Revenue, Price and



- Gross Margin (2013-2018)
  - 6.1.4 Main Business/Business Overview
- 6.2 Finisar Corp.
  - 6.2.1 Company Basic Information, Manufacturing Base and Competitors
- 6.2.2 Vertical Cavity Surface Emitting Lasers Product Type, Application and Specification
  - 6.2.2.1 Product A
  - 6.2.2.2 Product B
- 6.2.3 Finisar Corp. Vertical Cavity Surface Emitting Lasers Sales, Revenue, Price and Gross Margin (2013-2018)
  - 6.2.4 Main Business/Business Overview
- 6.3 Lumentum Holdings, Inc.
  - 6.3.1 Company Basic Information, Manufacturing Base and Competitors
- 6.3.2 Vertical Cavity Surface Emitting Lasers Product Type, Application and Specification
  - 6.3.2.1 Product A
  - 6.3.2.2 Product B
- 6.3.3 Lumentum Holdings, Inc. Vertical Cavity Surface Emitting Lasers Sales, Revenue, Price and Gross Margin (2013-2018)
  - 6.3.4 Main Business/Business Overview
- 6.4 II-VI Laser Enterprise GmbH
  - 6.4.1 Company Basic Information, Manufacturing Base and Competitors
- 6.4.2 Vertical Cavity Surface Emitting Lasers Product Type, Application and Specification
  - 6.4.2.1 Product A
  - 6.4.2.2 Product B
- 6.4.3 II-VI Laser Enterprise GmbH Vertical Cavity Surface Emitting Lasers Sales, Revenue, Price and Gross Margin (2013-2018)
- 6.4.4 Main Business/Business Overview
- 6.5 Sumitomo Electric Industries Ltd.
  - 6.5.1 Company Basic Information, Manufacturing Base and Competitors
- 6.5.2 Vertical Cavity Surface Emitting Lasers Product Type, Application and Specification
  - 6.5.2.1 Product A
  - 6.5.2.2 Product B
- 6.5.3 Sumitomo Electric Industries Ltd. Vertical Cavity Surface Emitting Lasers Sales, Revenue, Price and Gross Margin (2013-2018)
  - 6.5.4 Main Business/Business Overview



### 7 VERTICAL CAVITY SURFACE EMITTING LASERS MANUFACTURING COST ANALYSIS

- 7.1 Vertical Cavity Surface Emitting Lasers Key Raw Materials Analysis
  - 7.1.1 Key Raw Materials
  - 7.1.2 Price Trend of Key Raw Materials
  - 7.1.3 Key Suppliers of Raw Materials
  - 7.1.4 Market Concentration Rate of Raw Materials
- 7.2 Proportion of Manufacturing Cost Structure
  - 7.2.1 Raw Materials
  - 7.2.2 Labor Cost
  - 7.2.3 Manufacturing Expenses
- 7.3 Manufacturing Process Analysis of Vertical Cavity Surface Emitting Lasers

#### 8 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 8.1 Vertical Cavity Surface Emitting Lasers Industrial Chain Analysis
- 8.2 Upstream Raw Materials Sourcing
- 8.3 Raw Materials Sources of Vertical Cavity Surface Emitting Lasers Major Manufacturers in 2017
- 8.4 Downstream Buyers

### 9 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 9.1 Marketing Channel
  - 9.1.1 Direct Marketing
  - 9.1.2 Indirect Marketing
  - 9.1.3 Marketing Channel Development Trend
- 9.2 Market Positioning
  - 9.2.1 Pricing Strategy
  - 9.2.2 Brand Strategy
  - 9.2.3 Target Client
- 9.3 Distributors/Traders List

#### 10 MARKET EFFECT FACTORS ANALYSIS

- 10.1 Technology Progress/Risk
  - 10.1.1 Substitutes Threat
  - 10.1.2 Technology Progress in Related Industry



- 10.2 Consumer Needs/Customer Preference Change
- 10.3 Economic/Political Environmental Change

# 11 EMEA VERTICAL CAVITY SURFACE EMITTING LASERS MARKET FORECAST (2018-2025)

- 11.1 EMEA Vertical Cavity Surface Emitting Lasers Sales, Revenue and Price Forecast (2018-2025)
- 11.1.1 EMEA Vertical Cavity Surface Emitting Lasers Sales and Growth Rate Forecast (2018-2025)
- 11.1.2 EMEA Vertical Cavity Surface Emitting Lasers Revenue and Growth Rate Forecast (2018-2025)
- 11.1.3 EMEA Vertical Cavity Surface Emitting Lasers Price and Trend Forecast (2018-2025)
- 11.2 EMEA Vertical Cavity Surface Emitting Lasers Sales, Revenue and Growth Rate Forecast by Region (2018-2025)
- 11.3 Europe Vertical Cavity Surface Emitting Lasers Sales, Revenue and Growth Rate Forecast by Region (2018-2025)
- 11.4 Middle Eastt Vertical Cavity Surface Emitting Lasers Sales, Revenue and Growth Rate Forecast by Region (2018-2025)
- 11.5 Africa Vertical Cavity Surface Emitting Lasers Sales, Revenue and Growth Rate Forecast by Region (2018-2025)
- 11.6 EMEA Vertical Cavity Surface Emitting Lasers Sales Forecast by Type (2018-2025)
- 11.7 EMEA Vertical Cavity Surface Emitting Lasers Sales Forecast by Application (2018-2025)

#### 12 RESEARCH FINDINGS AND CONCLUSION

#### **13 APPENDIX**

- 13.1 Methodology/Research Approach
  - 13.1.1 Research Programs/Design
  - 13.1.2 Market Size Estimation
  - 13.1.3 Market Breakdown and Data Triangulation
- 13.2 Data Source
  - 13.2.1 Secondary Sources
  - 13.2.2 Primary Sources
- 13.3 Disclaimer



The report requires updating with new data and is sent in 2-3 business days after order is placed.



### **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Product Picture of Vertical Cavity Surface Emitting Lasers

Figure EMEA Vertical Cavity Surface Emitting Lasers Sales Volume (K Units) by Type (2013-2025)

Figure EMEA Vertical Cavity Surface Emitting Lasers Sales Volume Market Share by

Type (Product Category) in 2017

Figure Indium Phosphide (InP) Product Picture

Figure Gallium Nitride (GaN) Product Picture

Figure Gallium Arsenide (GaAs) Product Picture

Figure Others Product Picture

Figure EMEA Vertical Cavity Surface Emitting Lasers Sales Volume (K Units) by Application (2013-2025)

Figure EMEA Sales Market Share of Vertical Cavity Surface Emitting Lasers by Application in 2017

Figure Analog Broadband Signal Transmission Examples

Table Key Downstream Customer in Analog Broadband Signal Transmission

Figure Optical Fiber Data Transmission Examples

Table Key Downstream Customer in Optical Fiber Data Transmission

Figure Biological Tissue Analysis Examples

Table Key Downstream Customer in Biological Tissue Analysis

Figure Computer Mice Examples

Table Key Downstream Customer in Computer Mice

Figure Laser Printers Examples

Table Key Downstream Customer in Laser Printers

Figure Absorption Spectroscopy Examples

Table Key Downstream Customer in Absorption Spectroscopy

Figure Other Examples

Table Key Downstream Customer in Other

Figure EMEA Vertical Cavity Surface Emitting Lasers Market Size (Million USD) by Region (2013-2025)

Figure Europe Vertical Cavity Surface Emitting Lasers Revenue (Million USD) and Growth Rate (2013-2025)

Figure Europe Vertical Cavity Surface Emitting Lasers Revenue (Million USD) Status and Forecast by Countries

Figure Middle East Vertical Cavity Surface Emitting Lasers Revenue (Million USD) and Growth Rate (2013-2025)



Figure Middle East Vertical Cavity Surface Emitting Lasers Revenue (Million USD) Status and Forecast by Countries

Figure Africa Vertical Cavity Surface Emitting Lasers Revenue (Million USD) and Growth Rate (2013-2025)

Figure Africa Vertical Cavity Surface Emitting Lasers Revenue (Million USD) Status and Forecast by Countries

Figure EMEA Vertical Cavity Surface Emitting Lasers Sales Volume and Growth Rate (2013-2025)

Figure EMEA Vertical Cavity Surface Emitting Lasers Revenue (Million USD) and Growth Rate (2013-2025)

Figure EMEA Vertical Cavity Surface Emitting Lasers Market Major Players Product Sales Volume (K Units) (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Sales Volume (K Units) of Major Players (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Sales Share by Players (2013-2018)

Figure 2017 Vertical Cavity Surface Emitting Lasers Sales Share by Players
Figure 2017 Vertical Cavity Surface Emitting Lasers Sales Share by Players
Figure EMEA Vertical Cavity Surface Emitting Lasers Market Major Players Product
Revenue (Million USD) (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Revenue (Million USD) by Players (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Revenue Share by Players (2013-2018)

Table 2017 EMEA Vertical Cavity Surface Emitting Lasers Revenue Share by Players Table 2017 EMEA Vertical Cavity Surface Emitting Lasers Revenue Share by Players Table EMEA Vertical Cavity Surface Emitting Lasers Sale Price (USD/Unit) by Players (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Sales (K Units) and Market Share by Type (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Sales Share by Type (2013-2018) Figure Sales Market Share of Vertical Cavity Surface Emitting Lasers by Type (2013-2018)

Figure EMEA Vertical Cavity Surface Emitting Lasers Sales Market Share by Type (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Revenue (Million USD) and Market Share by Type (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Revenue Share by Type (2013-2018)



Figure Revenue Market Share of Vertical Cavity Surface Emitting Lasers by Type in 2017

Table EMEA Vertical Cavity Surface Emitting Lasers Sale Price (USD/Unit) by Type (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Sales (K Units) and Market Share by Application (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Sales Share by Application (2013-2018)

Figure Sales Market Share of Vertical Cavity Surface Emitting Lasers by Application (2013-2018)

Figure EMEA Vertical Cavity Surface Emitting Lasers Sales Market Share by Application in 2017

Table EMEA Vertical Cavity Surface Emitting Lasers Sales (K Units) and Market Share by Region (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Sales Share by Region (2013-2018)

Figure Sales Market Share of Vertical Cavity Surface Emitting Lasers by Region (2013-2018)

Figure EMEA Vertical Cavity Surface Emitting Lasers Sales Market Share in 2017
Table EMEA Vertical Cavity Surface Emitting Lasers Revenue (Million USD) and Market Share by Region (2013-2018)

Table EMEA Vertical Cavity Surface Emitting Lasers Revenue Share by Region (2013-2018)

Figure Revenue Market Share of Vertical Cavity Surface Emitting Lasers by Region (2013-2018)

Figure EMEA Vertical Cavity Surface Emitting Lasers Revenue Market Share Regions in 2017

Table EMEA Vertical Cavity Surface Emitting Lasers Sales Price (USD/Unit) by Region (2013-2018)

Figure Europe Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Europe Vertical Cavity Surface Emitting Lasers Revenue and Growth Rate (2013-2018)

Table Europe Vertical Cavity Surface Emitting Lasers Sales (K Units) by Type (2013-2018)

Table Europe Vertical Cavity Surface Emitting Lasers Market Share by Type (2013-2018)

Figure Europe Vertical Cavity Surface Emitting Lasers Market Share by Type in 2017 Table Europe Vertical Cavity Surface Emitting Lasers Sales (K Units) by Application



(2013-2018)

Table Europe Vertical Cavity Surface Emitting Lasers Market Share by Application (2013-2018)

Figure Europe Vertical Cavity Surface Emitting Lasers Market Share by Application in 2017

Table Europe Vertical Cavity Surface Emitting Lasers Sales (K Units) by Countries (2013-2018)

Table Europe Vertical Cavity Surface Emitting Lasers Sales Market Share by Countries (2013-2018)

Figure Europe Vertical Cavity Surface Emitting Lasers Sales Market Share by Countries (2013-2018)

Figure Europe Vertical Cavity Surface Emitting Lasers Sales Market Share by Countries in 2017

Table Europe Vertical Cavity Surface Emitting Lasers Revenue (Million USD) by Countries (2013-2018)

Table Europe Vertical Cavity Surface Emitting Lasers Revenue Market Share by Countries (2013-2018)

Figure Europe Vertical Cavity Surface Emitting Lasers Revenue Market Share by Countries (2013-2018)

Figure Europe Vertical Cavity Surface Emitting Lasers Revenue Market Share by Countries in 2017

Figure Germany Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure France Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure UK Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Russia Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Italy Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Benelux Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Middle East Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Middle East Vertical Cavity Surface Emitting Lasers Revenue (Million USD) and Growth Rate (2013-2018)

Table Middle East Vertical Cavity Surface Emitting Lasers Sales (K Units) by Type (2013-2018)



Table Middle East Vertical Cavity Surface Emitting Lasers Market Share by Type (2013-2018)

Figure Middle East Vertical Cavity Surface Emitting Lasers Market Share by Type (2013-2018)

Table Middle East Vertical Cavity Surface Emitting Lasers Sales (K Units) by Applications (2013-2018)

Table Middle East Vertical Cavity Surface Emitting Lasers Market Share by Applications (2013-2018)

Figure Middle East Vertical Cavity Surface Emitting Lasers Sales Market Share by Application in 2017

Table Middle East Vertical Cavity Surface Emitting Lasers Sales Volume (K Units) by Countries (2013-2018)

Table Middle East Vertical Cavity Surface Emitting Lasers Sales Volume Market Share by Countries (2013-2018)

Figure Middle East Vertical Cavity Surface Emitting Lasers Sales Volume Market Share by Countries in 2017

Table Middle East Vertical Cavity Surface Emitting Lasers Revenue (Million USD) by Countries (2013-2018)

Table Middle East Vertical Cavity Surface Emitting Lasers Revenue Market Share by Countries (2013-2018)

Figure Middle East Vertical Cavity Surface Emitting Lasers Revenue Market Share by Countries (2013-2018)

Figure Middle East Vertical Cavity Surface Emitting Lasers Revenue Market Share by Countries in 2017

Figure Saudi Arabia Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Israel Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure UAE Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Iran Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Africa Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Africa Vertical Cavity Surface Emitting Lasers Revenue (Million USD) and Growth Rate (2013-2018)

Table Africa Vertical Cavity Surface Emitting Lasers Sales (K Units) by Type (2013-2018)

Table Africa Vertical Cavity Surface Emitting Lasers Sales Market Share by Type



(2013-2018)

Figure Africa Vertical Cavity Surface Emitting Lasers Sales Market Share by Type (2013-2018)

Figure Africa Vertical Cavity Surface Emitting Lasers Sales Market Share by Type in 2017

Table Africa Vertical Cavity Surface Emitting Lasers Sales (K Units) by Application (2013-2018)

Table Africa Vertical Cavity Surface Emitting Lasers Sales Market Share by Application (2013-2018)

Figure Africa Vertical Cavity Surface Emitting Lasers Sales Market Share by Application (2013-2018)

Table Africa Vertical Cavity Surface Emitting Lasers Sales Volume (K Units) by Countries (2013-2018)

Table Africa Vertical Cavity Surface Emitting Lasers Sales Market Share by Countries (2013-2018)

Figure Africa Vertical Cavity Surface Emitting Lasers Sales Market Share by Countries (2013-2018)

Figure Africa Vertical Cavity Surface Emitting Lasers Sales Market Share by Countries in 2017

Table Africa Vertical Cavity Surface Emitting Lasers Revenue (Million USD) by Countries (2013-2018)

Table Africa Vertical Cavity Surface Emitting Lasers Revenue Market Share by Countries (2013-2018)

Figure Africa Vertical Cavity Surface Emitting Lasers Revenue Market Share by Countries (2013-2018)

Figure Africa Vertical Cavity Surface Emitting Lasers Revenue Market Share by Countries in 2017

Figure South Africa Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Nigeria Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Egypt Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Algeria Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Table Broadcom Ltd Vertical Cavity Surface Emitting Lasers Basic Information List Table Broadcom Ltd Vertical Cavity Surface Emitting Lasers Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018)

Figure Broadcom Ltd Vertical Cavity Surface Emitting Lasers Sales (K Units) and



Growth Rate (2013-2018)

Figure Broadcom Ltd Vertical Cavity Surface Emitting Lasers Sales Market Share in EMEA (2013-2018)

Figure Broadcom Ltd Vertical Cavity Surface Emitting Lasers Revenue Market Share in EMEA (2013-2018)

Table Finisar Corp. Vertical Cavity Surface Emitting Lasers Basic Information List Table Finisar Corp. Vertical Cavity Surface Emitting Lasers Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018)

Figure Finisar Corp. Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Finisar Corp. Vertical Cavity Surface Emitting Lasers Sales Market Share in EMEA (2013-2018)

Figure Finisar Corp. Vertical Cavity Surface Emitting Lasers Revenue Market Share in EMEA (2013-2018)

Table Lumentum Holdings, Inc. Vertical Cavity Surface Emitting Lasers Basic Information List

Table Lumentum Holdings, Inc. Vertical Cavity Surface Emitting Lasers Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018)

Figure Lumentum Holdings, Inc. Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure Lumentum Holdings, Inc. Vertical Cavity Surface Emitting Lasers Sales Market Share in EMEA (2013-2018)

Figure Lumentum Holdings, Inc. Vertical Cavity Surface Emitting Lasers Revenue Market Share in EMEA (2013-2018)

Table II-VI Laser Enterprise GmbH Vertical Cavity Surface Emitting Lasers Basic Information List

Table II-VI Laser Enterprise GmbH Vertical Cavity Surface Emitting Lasers Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018) Figure II-VI Laser Enterprise GmbH Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate (2013-2018)

Figure II-VI Laser Enterprise GmbH Vertical Cavity Surface Emitting Lasers Sales Market Share in EMEA (2013-2018)

Figure II-VI Laser Enterprise GmbH Vertical Cavity Surface Emitting Lasers Revenue Market Share in EMEA (2013-2018)

Table Sumitomo Electric Industries Ltd. Vertical Cavity Surface Emitting Lasers Basic Information List

Table Sumitomo Electric Industries Ltd. Vertical Cavity Surface Emitting Lasers Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018) Figure Sumitomo Electric Industries Ltd. Vertical Cavity Surface Emitting Lasers Sales



(K Units) and Growth Rate (2013-2018)

Figure Sumitomo Electric Industries Ltd. Vertical Cavity Surface Emitting Lasers Sales Market Share in EMEA (2013-2018)

Figure Sumitomo Electric Industries Ltd. Vertical Cavity Surface Emitting Lasers Revenue Market Share in EMEA (2013-2018)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Vertical Cavity Surface Emitting Lasers

Figure Manufacturing Process Analysis of Vertical Cavity Surface Emitting Lasers

Figure Vertical Cavity Surface Emitting Lasers Industrial Chain Analysis

Table Raw Materials Sources of Vertical Cavity Surface Emitting Lasers Major Manufacturers in 2017

Table Major Buyers of Vertical Cavity Surface Emitting Lasers

Table Distributors/Traders List

Figure EMEA Vertical Cavity Surface Emitting Lasers Sales (K Units) and Growth Rate Forecast (2018-2025)

Figure EMEA Vertical Cavity Surface Emitting Lasers Revenue and Growth Rate Forecast (2018-2025)

Figure EMEA Vertical Cavity Surface Emitting Lasers Price (USD/Unit) and Trend Forecast (2018-2025)

Table EMEA Vertical Cavity Surface Emitting Lasers Sales (K Units) Forecast by Region (2018-2025)

Figure EMEA Vertical Cavity Surface Emitting Lasers Sales Market Share Forecast by Region (2018-2025)

Table EMEA Vertical Cavity Surface Emitting Lasers Revenue (Million USD) Forecast by Region (2018-2025)

Figure EMEA Vertical Cavity Surface Emitting Lasers Revenue Market Share Forecast by Region (2018-2025)

Table Europe Vertical Cavity Surface Emitting Lasers Sales (K Units) Forecast by Countries (2018-2025)

Figure Europe Vertical Cavity Surface Emitting Lasers Sales Market Share Forecast by Countries (2018-2025)

Table Europe Vertical Cavity Surface Emitting Lasers Revenue (Million USD) Forecast by Countries (2018-2025)

Figure Europe Vertical Cavity Surface Emitting Lasers Revenue Market Share Forecast by Countries (2018-2025)

Table Middle East Vertical Cavity Surface Emitting Lasers Sales (K Units) Forecast by Countries (2018-2025)



Figure Middle East Vertical Cavity Surface Emitting Lasers Sales Market Share Forecast by Countries (2018-2025)

Table Middle East Vertical Cavity Surface Emitting Lasers Revenue (Million USD) Forecast by Countries (2018-2025)

Figure Middle East Vertical Cavity Surface Emitting Lasers Revenue Market Share Forecast by Countries (2018-2025)

Table Africa Vertical Cavity Surface Emitting Lasers Sales (K Units) Forecast by Countries (2018-2025)

Figure Africa Vertical Cavity Surface Emitting Lasers Sales Market Share Forecast by Countries (2018-2025)

Table Africa Vertical Cavity Surface Emitting Lasers Revenue (Million USD) Forecast by Countries (2018-2025)

Figure Africa Vertical Cavity Surface Emitting Lasers Revenue Market Share Forecast by Countries (2018-2025)

Table EMEA Vertical Cavity Surface Emitting Lasers Sales (K Units) Forecast by Type (2018-2025)

Figure EMEA Vertical Cavity Surface Emitting Lasers Sales Market Share Forecast by Type (2018-2025)

Table EMEA Vertical Cavity Surface Emitting Lasers Sales (K Units) Forecast by Application (2018-2025)

Figure EMEA Vertical Cavity Surface Emitting Lasers Sales Market Share Forecast by Application (2018-2025)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources



#### I would like to order

Product name: EMEA (Europe, Middle East and Africa) Vertical Cavity Surface Emitting Lasers Market

Report 2018

Product link: <a href="https://marketpublishers.com/r/E4C364E2CC6EN.html">https://marketpublishers.com/r/E4C364E2CC6EN.html</a>

Price: US\$ 4,000.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

### **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/E4C364E2CC6EN.html">https://marketpublishers.com/r/E4C364E2CC6EN.html</a>

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

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

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



