

Global and United States Multi-Mode Blue Laser Diode Market Research by Company, Type & Application 2013-2025

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Abstracts

SUMMARY

Laser diodes are electrically pumped semiconductor lasers in which the gain is generated by an electrical current flowing through a p–n junction or (more frequently) a p–i–n structure. In such a heterostructure, electrons and holes can recombine, releasing the energy portions as photons. This process can be spontaneous, but can also be stimulated by incident photons, in effect leading to optical amplification, and with optical feedback in a laser resonator to laser oscillation. A blue laser diode emits electromagnetic radiation with a wavelength between 405 and 483 nanometres, which the human eye sees as blue or violet. A single mode blue laser diode has only one mode of light to propagate.

Market Segment as follows:

By Type

Below 1000mw

1000mw-3000mw

More than 3000mw

By Application

Laser Projectors and Scanners

Bio/Medical

Metrology Measurements Application

Others

By Company

Nichia

Osram Opto Semiconductors

USHIO

Renesas

Egismos Technology Corporation

The main contents of the report including:

Section 1:

Product definition, type and application, global and United States market overview;

Section 2:

Global and United States Market competition by company;

Section 3:

Global and United States sales revenue, volume and price by type;

Section 4:

Global and United States sales revenue, volume and price by application;

Section 5:

United States export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

SWOT and Porter's Five Forces;
Section 9:
Conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Market Segment Overview
 - 1.1.1 Product Definition
 - 1.1.2 Market by Type
 - 1.1.2.1 Below 1000mw
 - 1.1.2.2 1000mw-3000mw
 - 1.1.2.3 More than 3000mw
 - 1.1.3 Market by Application
 - 1.1.3.1 Laser Projectors and Scanners
 - 1.1.3.2 Bio/Medical
 - 1.1.3.3 Metrology Measurements Application
 - 1.1.3.4 Others
- 1.2 Global and Regional Market Size
 - 1.2.1 Global Overview
 - 1.2.2 United States Overview

2 GLOBAL AND REGIONAL MARKET BY COMPANY

- 2.1 Global
 - 2.1.1 Global Sales by Company
 - 2.1.2 Global Price by Company
- 2.2 United States
 - 2.2.1 United States Sales by Company
 - 2.2.2 United States Price by Company

3 GLOBAL AND REGIONAL MARKET BY TYPE

- 3.1 Global
 - 3.1.1 Global Sales by Type
 - 3.1.2 Global Price by Type
- 3.2 United States
 - 3.2.1 United States Sales by Type
 - 3.2.2 United States Price by Type

4 GLOBAL AND REGIONAL MARKET BY APPLICATION

4.1 Global

4.1.1 Global Sales by Application

4.1.2 Global Price by Application

4.2 United States

4.2.1 United States Sales by Application

4.2.2 United States Price by Application

5 REGIONAL TRADE

5.1 Export

5.2 Import

6 KEY MANUFACTURERS

6.1 Nichia

6.1.2 Company Information

6.1.2 Product Specifications

6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

6.2 Osram Opto Semiconductors

6.2.1 Company Information

6.2.2 Product Specifications

6.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

6.3 USHIO

6.3.1 Company Information

6.3.2 Product Specifications

6.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

6.4 Renesas

6.4.1 Company Information

6.4.2 Product Specifications

6.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

6.5 Egismos Technology Corporation

6.5.1 Company Information

6.5.2 Product Specifications

6.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

7 INDUSTRY UPSTREAM

7.1 Industry Chain

7.2 Raw Materials

8 MARKET ENVIRONMENT

8.1 SWOT

8.2 Porter's Five Forces

9 CONCLUSION

List Of Tables

LIST OF TABLES

Table Global Market Sales Revenue by Company 2013-2017
Table Global Market Sales Revenue Share by Company 2013-2017
Table Global Market Sales Volume by Company 2013-2017
Table Global Market Sales Volume Share by Company 2013-2017
Table Global Price by Company 2013-2017
Table United States Market Sales Revenue by Company 2013-2017
Table United States Market Sales Revenue Share by Company 2013-2017
Table United States Market Sales Volume by Company 2013-2017
Table United States Market Sales Volume Share by Company 2013-2017
Table United States Price by Company 2013-2017
Table Global Market Sales Revenue by Type 2013-2017
Table Global Market Sales Revenue Share by Type 2013-2017
Table Global Market Sales Volume by Type 2013-2017
Table Global Market Sales Volume Share by Type 2013-2017
Table Global Price by Type 2013-2017
Table United States Market Sales Revenue by Type 2013-2017
Table United States Market Sales Revenue Share by Type 2013-2017
Table United States Market Sales Volume by Type 2013-2017
Table United States Market Sales Volume Share by Type 2013-2017
Table United States Price by Type 2013-2017
Table Global Market Sales Revenue by Application 2013-2017
Table Global Market Sales Revenue Share by Application 2013-2017
Table Global Market Sales Volume by Application 2013-2017
Table Global Market Sales Volume Share by Application 2013-2017
Table Global Price by Application 2013-2017
Table United States Market Sales Revenue by Application 2013-2017
Table United States Market Sales Revenue Share by Application 2013-2017
Table United States Market Sales Volume by Application 2013-2017
Table United States Market Sales Volume Share by Application 2013-2017
Table United States Price by Application 2013-2017
Table United States Export 2013-2017 (Million USD)
Table United States Export 2013-2017 (Volume)
Table United States Import 2013-2017 (Million USD)
Table United States Import 2013-2017 (Volume)
Table Sales Revenue, Volume, Price, Cost and Margin of Nichia

Table Sales Revenue, Volume, Price, Cost and Margin of Osram Opto Semiconductors

Table Sales Revenue, Volume, Price, Cost and Margin of USHIO

Table Sales Revenue, Volume, Price, Cost and Margin of Renesas

Table Sales Revenue, Volume, Price, Cost and Margin of Egismos Technology Corporation

List Of Figures

LIST OF FIGURES

Figure Below 1000mw Market Size and CAGR 2013-2017 (Million USD)
Figure Below 1000mw Market Size and CAGR 2013-2017 (Volume)
Figure Below 1000mw Market Forecast and CAGR 2018-2025 (Million USD)
Figure Below 1000mw Market Forecast and CAGR 2018-2025 (Volume)
Figure 1000mw-3000mw Market Size and CAGR 2013-2017 (Million USD)
Figure 1000mw-3000mw Market Size and CAGR 2013-2017 (Volume)
Figure 1000mw-3000mw Market Forecast and CAGR 2018-2025 (Million USD)
Figure 1000mw-3000mw Market Forecast and CAGR 2018-2025 (Volume)
Figure More than 3000mw Market Size and CAGR 2013-2017 (Million USD)
Figure More than 3000mw Market Size and CAGR 2013-2017 (Volume)
Figure More than 3000mw Market Forecast and CAGR 2018-2025 (Million USD)
Figure More than 3000mw Market Forecast and CAGR 2018-2025 (Volume)
Figure Laser Projectors and Scanners Market Size and CAGR 2013-2017 (Million USD)
Figure Laser Projectors and Scanners Market Size and CAGR 2013-2017 (Volume)
Figure Laser Projectors and Scanners Market Forecast and CAGR 2018-2025 (Million USD)
Figure Laser Projectors and Scanners Market Forecast and CAGR 2018-2025 (Volume)
Figure Bio/Medical Market Size and CAGR 2013-2017 (Million USD)
Figure Bio/Medical Market Size and CAGR 2013-2017 (Volume)
Figure Bio/Medical Market Forecast and CAGR 2018-2025 (Million USD)
Figure Bio/Medical Market Forecast and CAGR 2018-2025 (Volume)
Figure Metrology Measurements Application Market Size and CAGR 2013-2017 (Million USD)
Figure Metrology Measurements Application Market Size and CAGR 2013-2017 (Volume)
Figure Metrology Measurements Application Market Forecast and CAGR 2018-2025 (Million USD)
Figure Metrology Measurements Application Market Forecast and CAGR 2018-2025 (Volume)
Figure Others Market Size and CAGR 2013-2017 (Million USD)
Figure Others Market Size and CAGR 2013-2017 (Volume)
Figure Others Market Forecast and CAGR 2018-2025 (Million USD)
Figure Others Market Forecast and CAGR 2018-2025 (Volume)
Figure Global Multi-Mode Blue Laser Diode Market Size and CAGR 2013-2017 (Million USD)

Figure Global Multi-Mode Blue Laser Diode Market Size and CAGR 2013-2017
(Volume)

Figure Global Multi-Mode Blue Laser Diode Market Forecast and CAGR 2018-2025
(Million USD)

Figure Global Multi-Mode Blue Laser Diode Market Forecast and CAGR 2018-2025
(Volume)

Figure United States Multi-Mode Blue Laser Diode Market Size and CAGR 2013-2017
(Million USD)

Figure United States Multi-Mode Blue Laser Diode Market Size and CAGR 2013-2017
(Volume)

Figure United States Multi-Mode Blue Laser Diode Market Forecast and CAGR
2018-2025 (Million USD)

Figure United States Multi-Mode Blue Laser Diode Market Forecast and CAGR
2018-2025 (Volume)

Figure Global Market Sales Revenue Share by Company in 2017

Figure Global Market Sales Volume Share by Company in 2017

Figure United States Market Sales Revenue Share by Company in 2017

Figure United States Market Sales Volume Share by Company in 2017

Figure Global Market Sales Revenue Share by Type in 2017

Figure Global Market Sales Volume Share by Type in 2017

Figure United States Market Sales Revenue Share by Type in 2017

Figure United States Market Sales Volume Share by Type in 2017

Figure Global Market Sales Revenue Share by Application in 2017

Figure Global Market Sales Volume Share by Application in 2017

Figure United States Market Sales Revenue Share by Application in 2017

Figure United States Market Sales Volume Share by Application in 2017

Figure Industry Chain Overview

Figure Multi-Mode Blue Laser Diode SWOT List

Figure Electronics & Software Porter's Five Forces

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