

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Blue Laser Diodes Market 2018, Forecast to 2023

<https://marketpublishers.com/r/GE1851FAC01EN.html>

Date: June 2018

Pages: 136

Price: US\$ 4,880.00 (Single User License)

ID: GE1851FAC01EN

Abstracts

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.

Scope of the Report:

This report focuses on the Blue Laser Diodes in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

The industry is concentration, the key brand include Sony, Nichia, Sharp, Osram Opto Semiconductors, USHIO, TOPTICA Photonics Inc, Egismos Technology Corporation and Ondax. These companies occupied more than 90% market share by revenue in 2016.

The industry is expected to remain innovation-led, with frequent acquisitions and strategic alliances adopted as the key strategies by the players to increase their industry presence. Market stays in mature period with a clear concentration. There hardly to have obvious technology breakthrough except deeper system function integration. Meanwhile, optimize product mix and further develop value-added capabilities to

maximize margins. Manufacturers can take advantage of this situation by reinforcing their production units and supply-chains to avoid any delay in production turn-around-times (TAT) and supply-lead-times.

Despite the presence of competition problems, due to the global recovery trend is clear, investors are still optimistic about this area, the future will still have more new investment enter the field. Even so, the market is intensely competitive. The study group recommends the new entrants just having money but without technical advantage and upstream and downstream support do not to enter into this field.

The worldwide market for Blue Laser Diodes is expected to grow at a CAGR of roughly 5.8% over the next five years, will reach 280 million US\$ in 2023, from 200 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Sony

Nichia

Sharp

Osram Opto Semiconductors

USHIO

TOPTICA Photonics Inc.

Egismos Technology Corporation

Ondax

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Single-Mode Blue Laser Diode

Multi-Mode Blue Laser Diode

Market Segment by Applications, can be divided into

Bio/Medical

Laser Projectors and Scanner

Blu-Ray Devices

Others

There are 15 Chapters to deeply display the global Blue Laser Diodes market.

Chapter 1, to describe Blue Laser Diodes Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Blue Laser Diodes, with sales, revenue, and price of Blue Laser Diodes, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Blue Laser Diodes, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and

by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Blue Laser Diodes market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Blue Laser Diodes sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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