

Global Single-Mode Blue Laser Diode Market Analysis 2015-2019 and Forecast 2020-2025

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Abstracts

SNAPSHOT

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.

The global Single-Mode Blue Laser Diode market size is estimated at xxx million USD with a CAGR xx% from 2015-2019 and is expected to reach xxx Million USD in 2020 with a CAGR xx% from 2020 to 2025. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Single-Mode Blue Laser Diode by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Below 30mw

30mw-60mw

60mw-90mw

90mw-200mw

More than 200mw

Company Coverage (Company Profile, Sales Revenue, Price, Gross Margin, Main Products etc.):

Nichia

Sharp

Sony

Osram Opto Semiconductors

TOPTICA Photonics Inc.

Egismos Technology Corporation

Ondax

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Bio/Medical

Laser Projectors and Scanners

Blu-Ray Devices

Others

Region Coverage (Regional Production, Demand & Forecast by Countries etc.):

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc.)

Asia-Pacific (China, India, Japan, Southeast Asia etc.)

South America (Brazil, Argentina etc.)

Middle East & Africa (Saudi Arabia, South Africa etc.)

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