

Global Single-Mode Blue Laser Diode Market Analysis 2016-2020 and Forecast 2021-2026

<https://marketpublishers.com/r/G5EC7628FA69EN.html>

Date: February 2021

Pages: 88

Price: US\$ 2,980.00 (Single User License)

ID: G5EC7628FA69EN

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 2016-2020 and is expected to reach xxx Million USD in 2021 with a CAGR xx% from 2021 to 2026. 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.)

Contents

1 INDUSTRY OVERVIEW

1.1 Single-Mode Blue Laser Diode Industry

Figure Single-Mode Blue Laser Diode Industry Chain Structure

1.1.1 Overview

1.1.2 Development of Single-Mode Blue Laser Diode

1.2 Market Segment

1.2.1 Upstream

Table Upstream Segment of Single-Mode Blue Laser Diode

1.2.2 Downstream

Table Application Segment of Single-Mode Blue Laser Diode

Table Global Single-Mode Blue Laser Diode Market 2016-2026, by Application, in USD Million

1.2.3 COVID-19 Impact

1.3 Cost Analysis

2 INDUSTRY ENVIRONMENT (PEST ANALYSIS)

2.1 Policy

2.2 Economics

2.3 Sociology

2.4 Technology

3 SINGLE-MODE BLUE LASER DIODE MARKET BY TYPE

3.1 By Type

3.1.1 Below 30mw

Table Major Company List of Below 30mw

3.1.2 30mw-60mw

Table Major Company List of 30mw-60mw

3.1.3 60mw-90mw

Table Major Company List of 60mw-90mw

3.1.4 90mw-200mw

Table Major Company List of 90mw-200mw

3.1.5 More than 200mw

Table Major Company List of More than 200mw

3.2 Market Size

Table Global Single-Mode Blue Laser Diode Market 2016-2020, by Type, in USD Million
Figure Global Single-Mode Blue Laser Diode Market Growth 2016-2020, by Type, in USD Million

Table Global Single-Mode Blue Laser Diode Market 2016-2020, by Type, in Volume
Figure Global Single-Mode Blue Laser Diode Market Growth 2016-2020, by Type, in Volume

3.3 Market Forecast

Table Global Single-Mode Blue Laser Diode Market Forecast 2021-2026, by Type, in USD Million

Table Global Single-Mode Blue Laser Diode Market Forecast 2021-2026, by Type, in Volume

4 MAJOR COMPANIES LIST

4.1 Nichia (Company Profile, Sales Data etc.)

4.1.1 Nichia Profile

Table Nichia Overview List

4.1.2 Nichia Products & Services

4.1.3 Nichia Business Operation Conditions

Table Business Operation of Nichia (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.2 Sharp (Company Profile, Sales Data etc.)

4.2.1 Sharp Profile

Table Sharp Overview List

4.2.2 Sharp Products & Services

4.2.3 Sharp Business Operation Conditions

Table Business Operation of Sharp (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.3 Sony (Company Profile, Sales Data etc.)

4.3.1 Sony Profile

Table Sony Overview List

4.3.2 Sony Products & Services

4.3.3 Sony Business Operation Conditions

Table Business Operation of Sony (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.4 Osram Opto Semiconductors (Company Profile, Sales Data etc.)

4.4.1 Osram Opto Semiconductors Profile

Table Osram Opto Semiconductors Overview List

4.4.2 Osram Opto Semiconductors Products & Services

4.4.3 Osram Opto Semiconductors Business Operation Conditions

Table Business Operation of Osram Opto Semiconductors (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.5 TOPTICA Photonics Inc. (Company Profile, Sales Data etc.)

4.5.1 TOPTICA Photonics Inc. Profile

Table TOPTICA Photonics Inc. Overview List

4.5.2 TOPTICA Photonics Inc. Products & Services

4.5.3 TOPTICA Photonics Inc. Business Operation Conditions

Table Business Operation of TOPTICA Photonics Inc. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.6 Egismos Technology Corporation (Company Profile, Sales Data etc.)

4.6.1 Egismos Technology Corporation Profile

Table Egismos Technology Corporation Overview List

4.6.2 Egismos Technology Corporation Products & Services

4.6.3 Egismos Technology Corporation Business Operation Conditions

Table Business Operation of Egismos Technology Corporation (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.7 Ondax (Company Profile, Sales Data etc.)

4.7.1 Ondax Profile

Table Ondax Overview List

4.7.2 Ondax Products & Services

4.7.3 Ondax Business Operation Conditions

Table Business Operation of Ondax (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

5 MARKET COMPETITION

5.1 Company Competition

Table Global Single-Mode Blue Laser Diode Sales Revenue 2016-2020, by Company, in USD Million

Table Global Single-Mode Blue Laser Diode Sales Revenue Share 2016-2020, by Company, in USD Million

Figure Global Single-Mode Blue Laser Diode Sales Revenue Share in 2020, by Company, in USD Million

Table Global Single-Mode Blue Laser Diode Sales Volume 2016-2020, by Company, in Volume

Table Global Single-Mode Blue Laser Diode Sales Volume Share 2016-2020, by Company, in Volume

Figure Global Single-Mode Blue Laser Diode Sales Volume Share in 2020, by

Company, in Volume

5.2 Regional Market by Company

Figure North America Single-Mode Blue Laser Diode Market Concentration, in 2020

Figure Europe Single-Mode Blue Laser Diode Market Market Concentration, in 2020

Figure Asia-Pacific Single-Mode Blue Laser Diode MMarket Concentration, in 2020

Figure South America Single-Mode Blue Laser Diode Market Concentration, in 2020

Figure Middle East & Africa Single-Mode Blue Laser Diode Market Concentration, in 2020

6 DEMAND BY END MARKET

6.1 Demand Situation

6.1.1 Demand in Bio/Medical

Figure Single-Mode Blue Laser Diode Demand in Bio/Medical, 2016-2020, in USD Million

Figure Single-Mode Blue Laser Diode Demand in Bio/Medical, 2016-2020, in Volume

6.1.2 Demand in Laser Projectors and Scanners

Figure Single-Mode Blue Laser Diode Demand in Laser Projectors and Scanners, 2016-2020, in USD Million

Figure Single-Mode Blue Laser Diode Demand in Laser Projectors and Scanners, 2016-2020, in Volume

6.1.3 Demand in Blu-Ray Devices

Figure Single-Mode Blue Laser Diode Demand in Blu-Ray Devices, 2016-2020, in USD Million

Figure Single-Mode Blue Laser Diode Demand in Blu-Ray Devices, 2016-2020, in Volume

6.1.4 Demand in Others

Figure Single-Mode Blue Laser Diode Demand in Others, 2016-2020, in USD Million

Figure Single-Mode Blue Laser Diode Demand in Others, 2016-2020, in Volume

6.2 Regional Demand Comparison

Table Regional Demand Comparison List

Table Major Application in Different Regions

6.3 Demand Forecast

Table Single-Mode Blue Laser Diode Demand Forecast 2021-2026, by Application, in USD Million

Figure Single-Mode Blue Laser Diode Market Growth 2021-2026, by Application, in USD Million

Figure Single-Mode Blue Laser Diode Market Share in 2026, by Application, in USD Million

Table Single-Mode Blue Laser Diode Demand Forecast 2021-2026, by Application, in Volume

Table Single-Mode Blue Laser Diode Market Growth 2021-2026, by Application, in Volume

Table Single-Mode Blue Laser Diode Market Share in 2026, by Application, in Volume

6.4 Impact of the COVID-19 on the Demand

7 REGION OPERATION

7.1 Regional Production

Table Single-Mode Blue Laser Diode Production 2016-2020, by Region, in USD Million

Table Single-Mode Blue Laser Diode Production 2016-2020, by Region, in Volume

7.2 Regional Market

Table Global Single-Mode Blue Laser Diode Market 2016-2020, by Region, in USD Million

Table Global Single-Mode Blue Laser Diode Market Share 2016-2020, by Region, in USD Million

Table Global Single-Mode Blue Laser Diode Market 2016-2020, by Region, in Volume

Table Global Single-Mode Blue Laser Diode Market Share 2016-2020, by Region, in Volume

7.3 by Region

7.3.1 North America

7.3.1.1 Overview

Figure North America Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in USD Million

Figure North America Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in Volume

7.3.1.2 by Country (U.S., Canada, Mexico)

Table North America Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in USD Million

Table North America Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in Volume

7.3.2 Europe

7.3.2.1 Overview

Figure Europe Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in USD Million

Figure Europe Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in Volume

7.3.2.2 by Country (Germany, U.K., France, Italy, Russia, Spain etc.)

Table Europe Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in USD Million

Table Europe Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in Volume

7.3.3 Asia-Pacific

7.3.3.1 Overview

Figure Asia-Pacific Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in USD Million

Figure Asia-Pacific Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in Volume

7.3.3.2 by Country (China, India, Japan, Southeast Asia etc.)

Table Asia-Pacific Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in USD Million

Table Asia-Pacific Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in Volume

7.3.4 South America

7.3.4.1 Overview

Figure South America Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in USD Million

Figure South America Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in Volume

7.3.4.2 by Country (Brazil, Argentina etc.)

Table South America Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in USD Million

Table South America Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in Volume

7.3.5 Middle East & Africa

7.3.5.1 Overview

Figure Middle East & Africa Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in USD Million

Figure Middle East & Africa Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in Volume

7.3.5.2 by Country (Saudi Arabia, South Africa etc.)

Table Middle East & Africa Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in USD Million

Table Middle East & Africa Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in Volume

7.4 Regional Import & Export

7.5 Regional Forecast

Table Single-Mode Blue Laser Diode Market Forecast 2021-2026, by Region, in USD Million

Table Single-Mode Blue Laser Diode Market Forecast 2021-2026, by Region, in Volume

8 MARKETING & PRICE

8.1 Price and Margin

8.1.1 Price Trends

8.1.2 Factors of Price Change

Table Price Factors List

8.1.3 Manufacturers Gross Margin Analysis

8.2 Marketing Channel

Figure Marketing Channels Overview

9 RESEARCH CONCLUSION

List Of Tables

LIST OF TABLES

1. Table Upstream Segment of Single-Mode Blue Laser Diode
2. Table Application Segment of Single-Mode Blue Laser Diode
3. Table Global Single-Mode Blue Laser Diode Market 2016-2026, by Application, in USD Million
4. Table Major Company List of 30mw-60mw
5. Table Major Company List of 60mw-90mw
6. Table Major Company List of 90mw-200mw
7. Table Major Company List of More than 200mw
8. Table Global Single-Mode Blue Laser Diode Market 2016-2020, by Type, in USD Million
9. Table Global Single-Mode Blue Laser Diode Market 2016-2020, by Type, in Volume
10. Table Global Single-Mode Blue Laser Diode Market Forecast 2021-2026, by Type, in USD Million
11. Table Global Single-Mode Blue Laser Diode Market Forecast 2021-2026, by Type, in Volume
12. Table Nichia Overview List
13. Table Business Operation of Nichia (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
14. Table Sharp Overview List
15. Table Business Operation of Sharp (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
16. Table Sony Overview List
17. Table Business Operation of Sony (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
18. Table Osram Opto Semiconductors Overview List
19. Table Business Operation of Osram Opto Semiconductors (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
20. Table TOPTICA Photonics Inc. Overview List
21. Table Business Operation of TOPTICA Photonics Inc. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
22. Table Egismos Technology Corporation Overview List
23. Table Business Operation of Egismos Technology Corporation (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
24. Table Ondax Overview List
25. Table Business Operation of Ondax (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

26. Table Global Single-Mode Blue Laser Diode Sales Revenue 2016-2020, by Company, in USD Million
27. Table Global Single-Mode Blue Laser Diode Sales Revenue Share 2016-2020, by Company, in USD Million
28. Table Global Single-Mode Blue Laser Diode Sales Volume 2016-2020, by Company, in Volume
29. Table Global Single-Mode Blue Laser Diode Sales Volume Share 2016-2020, by Company, in Volume
30. Table Regional Demand Comparison List
31. Table Major Application in Different Regions
32. Table Single-Mode Blue Laser Diode Demand Forecast 2021-2026, by Application, in USD Million
33. Table Single-Mode Blue Laser Diode Demand Forecast 2021-2026, by Application, in Volume
34. Table Single-Mode Blue Laser Diode Market Growth 2021-2026, by Application, in Volume
35. Table Single-Mode Blue Laser Diode Market Share in 2026, by Application, in Volume
36. Table Single-Mode Blue Laser Diode Production 2016-2020, by Region, in USD Million
37. Table Single-Mode Blue Laser Diode Production 2016-2020, by Region, in Volume
38. Table Global Single-Mode Blue Laser Diode Market 2016-2020, by Region, in USD Million
39. Table Global Single-Mode Blue Laser Diode Market Share 2016-2020, by Region, in USD Million
40. Table Global Single-Mode Blue Laser Diode Market 2016-2020, by Region, in Volume
41. Table Global Single-Mode Blue Laser Diode Market Share 2016-2020, by Region, in Volume
42. Table North America Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in USD Million
43. Table North America Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in Volume
44. Table Europe Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in USD Million
45. Table Europe Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in Volume
46. Table Asia-Pacific Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in USD Million

47. Table Asia-Pacific Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in Volume
48. Table South America Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in USD Million
49. Table South America Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in Volume
50. Table Middle East & Africa Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in USD Million
51. Table Middle East & Africa Single-Mode Blue Laser Diode Market Size 2016-2020, by Country, in Volume
52. Table Single-Mode Blue Laser Diode Market Forecast 2021-2026, by Region, in USD Million
53. Table Single-Mode Blue Laser Diode Market Forecast 2021-2026, by Region, in Volume
54. Table Price Factors List

List Of Figures

LIST OF FIGURES

1. Figure Single-Mode Blue Laser Diode Industry Chain Structure
2. Figure Global Single-Mode Blue Laser Diode Market Growth 2016-2020, by Type, in USD Million
3. Figure Global Single-Mode Blue Laser Diode Market Growth 2016-2020, by Type, in Volume
4. Figure Global Single-Mode Blue Laser Diode Sales Revenue Share in 2020, by Company, in USD Million
5. Figure Global Single-Mode Blue Laser Diode Sales Volume Share in 2020, by Company, in Volume
6. Figure North America Single-Mode Blue Laser Diode Market Concentration, in 2020
7. Figure Europe Single-Mode Blue Laser Diode Market Market Concentration, in 2020
8. Figure Asia-Pacific Single-Mode Blue Laser Diode MMarket Concentration, in 2020
9. Figure South America Single-Mode Blue Laser Diode Market Concentration, in 2020
10. Figure Middle East & Africa Single-Mode Blue Laser Diode Market Concentration, in 2020
11. Figure Single-Mode Blue Laser Diode Demand in Bio/Medical, 2016-2020, in USD Million
12. Figure Single-Mode Blue Laser Diode Demand in Bio/Medical, 2016-2020, in Volume
13. Figure Single-Mode Blue Laser Diode Demand in Laser Projectors and Scanners, 2016-2020, in USD Million
14. Figure Single-Mode Blue Laser Diode Demand in Laser Projectors and Scanners, 2016-2020, in Volume
15. Figure Single-Mode Blue Laser Diode Demand in Blu-Ray Devices, 2016-2020, in USD Million
16. Figure Single-Mode Blue Laser Diode Demand in Blu-Ray Devices, 2016-2020, in Volume
17. Figure Single-Mode Blue Laser Diode Demand in Others, 2016-2020, in USD Million
18. Figure Single-Mode Blue Laser Diode Demand in Others, 2016-2020, in Volume
19. Figure Single-Mode Blue Laser Diode Market Growth 2021-2026, by Application, in USD Million
20. Figure Single-Mode Blue Laser Diode Market Share in 2026, by Application, in USD Million
21. Figure North America Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in USD Million
22. Figure North America Single-Mode Blue Laser Diode Market Size and Growth

2016-2020, in Volume

23. Figure Europe Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in USD Million

24. Figure Europe Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in Volume

25. Figure Asia-Pacific Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in USD Million

26. Figure Asia-Pacific Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in Volume

27. Figure South America Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in USD Million

28. Figure South America Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in Volume

29. Figure Middle East & Africa Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in USD Million

30. Figure Middle East & Africa Single-Mode Blue Laser Diode Market Size and Growth 2016-2020, in Volume

31. Figure Marketing Channels Overview

I would like to order

Product name: Global Single-Mode Blue Laser Diode Market Analysis 2016-2020 and Forecast 2021-2026

Product link: <https://marketpublishers.com/r/G5EC7628FA69EN.html>

Price: US\$ 2,980.00 (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/G5EC7628FA69EN.html>

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

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

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

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

