

# Global Nanophotonics Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G972C05C0A1GEN.html>

Date: July 2024

Pages: 134

Price: US\$ 3,480.00 (Single User License)

ID: G972C05C0A1GEN

## Abstracts

According to our (Global Info Research) latest study, the global Nanophotonics market size was valued at USD 17290 million in 2023 and is forecast to a readjusted size of USD 126730 million by 2030 with a CAGR of 32.9% during review period.

Nanophotonics refers to the use of light in nanoscale projects. This field is associated with some specific breakthroughs in using light in new technologies, including silicon-based semiconductors, where nanophotonics improve speed and performance.

While nanotechnology has quite a bit of promise, concerns about the uses of nanoscale technologies include the potential rearrangement or disturbance of molecular structures and the effect of nanoscale materials on larger scale environments.

The Global Info Research report includes an overview of the development of the Nanophotonics industry chain, the market status of Consumer Electronics (LED, OLED), Material Science (LED, OLED), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Nanophotonics.

Regionally, the report analyzes the Nanophotonics markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Nanophotonics market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Nanophotonics market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Nanophotonics industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., LED, OLED).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Nanophotonics market.

**Regional Analysis:** The report involves examining the Nanophotonics market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Nanophotonics market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Nanophotonics:

**Company Analysis:** Report covers individual Nanophotonics manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Nanophotonics This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Consumer Electronics, Material Science).

**Technology Analysis:** Report covers specific technologies relevant to Nanophotonics. It assesses the current state, advancements, and potential future developments in Nanophotonics areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Nanophotonics market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

Nanophotonics market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

#### Market segment by Type

LED

OLED

Photovoltaic Cells

Optical Amplifier

Optical Switches

Others

#### Market segment by Application

Consumer Electronics

Material Science

Non Visible Wavelength Instruments

Non Visual Applications

Indicators

Other Applications

Major players covered

Carbon Solutions

Cambrios Technologies

Catalytic Materials

Cnano Technology

Cree

LG Display

Nanocs

Nanocyl

Nanoco Technologies

nanoPHAB

Nanosys

Nanostructured & Amorphous Materials

OSRAM Opto Semiconductors

Philips Lumileds Lighting

QD Vision

Quantum Materials

TCL Display Technology

Universal Display

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Nanophotonics product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Nanophotonics, with price, sales, revenue and global market share of Nanophotonics from 2019 to 2024.

Chapter 3, the Nanophotonics competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Nanophotonics breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017

to 2023.and Nanophotonics market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Nanophotonics.

Chapter 14 and 15, to describe Nanophotonics sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Nanophotonics
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Nanophotonics Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 LED
  - 1.3.3 OLED
  - 1.3.4 Photovoltaic Cells
  - 1.3.5 Optical Amplifier
  - 1.3.6 Optical Switches
  - 1.3.7 Others
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Nanophotonics Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 Consumer Electronics
  - 1.4.3 Material Science
  - 1.4.4 Non Visible Wavelength Instruments
  - 1.4.5 Non Visual Applications
  - 1.4.6 Indicators
  - 1.4.7 Other Applications
- 1.5 Global Nanophotonics Market Size & Forecast
  - 1.5.1 Global Nanophotonics Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global Nanophotonics Sales Quantity (2019-2030)
  - 1.5.3 Global Nanophotonics Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

- 2.1 Carbon Solutions
  - 2.1.1 Carbon Solutions Details
  - 2.1.2 Carbon Solutions Major Business
  - 2.1.3 Carbon Solutions Nanophotonics Product and Services
  - 2.1.4 Carbon Solutions Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.1.5 Carbon Solutions Recent Developments/Updates
- 2.2 Cambrios Technologies

- 2.2.1 Cambrios Technologies Details
- 2.2.2 Cambrios Technologies Major Business
- 2.2.3 Cambrios Technologies Nanophotonics Product and Services
- 2.2.4 Cambrios Technologies Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 Cambrios Technologies Recent Developments/Updates
- 2.3 Catalytic Materials
  - 2.3.1 Catalytic Materials Details
  - 2.3.2 Catalytic Materials Major Business
  - 2.3.3 Catalytic Materials Nanophotonics Product and Services
  - 2.3.4 Catalytic Materials Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.3.5 Catalytic Materials Recent Developments/Updates
- 2.4 Cnano Technology
  - 2.4.1 Cnano Technology Details
  - 2.4.2 Cnano Technology Major Business
  - 2.4.3 Cnano Technology Nanophotonics Product and Services
  - 2.4.4 Cnano Technology Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.4.5 Cnano Technology Recent Developments/Updates
- 2.5 Cree
  - 2.5.1 Cree Details
  - 2.5.2 Cree Major Business
  - 2.5.3 Cree Nanophotonics Product and Services
  - 2.5.4 Cree Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.5.5 Cree Recent Developments/Updates
- 2.6 LG Display
  - 2.6.1 LG Display Details
  - 2.6.2 LG Display Major Business
  - 2.6.3 LG Display Nanophotonics Product and Services
  - 2.6.4 LG Display Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.6.5 LG Display Recent Developments/Updates
- 2.7 Nanocs
  - 2.7.1 Nanocs Details
  - 2.7.2 Nanocs Major Business
  - 2.7.3 Nanocs Nanophotonics Product and Services
  - 2.7.4 Nanocs Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin



and Market Share (2019-2024)

2.7.5 Nanocs Recent Developments/Updates

2.8 Nanocyl

2.8.1 Nanocyl Details

2.8.2 Nanocyl Major Business

2.8.3 Nanocyl Nanophotonics Product and Services

2.8.4 Nanocyl Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Nanocyl Recent Developments/Updates

2.9 Nanoco Technologies

2.9.1 Nanoco Technologies Details

2.9.2 Nanoco Technologies Major Business

2.9.3 Nanoco Technologies Nanophotonics Product and Services

2.9.4 Nanoco Technologies Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Nanoco Technologies Recent Developments/Updates

2.10 nanoPHAB

2.10.1 nanoPHAB Details

2.10.2 nanoPHAB Major Business

2.10.3 nanoPHAB Nanophotonics Product and Services

2.10.4 nanoPHAB Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 nanoPHAB Recent Developments/Updates

2.11 Nanosys

2.11.1 Nanosys Details

2.11.2 Nanosys Major Business

2.11.3 Nanosys Nanophotonics Product and Services

2.11.4 Nanosys Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Nanosys Recent Developments/Updates

2.12 Nanostructured & Amorphous Materials

2.12.1 Nanostructured & Amorphous Materials Details

2.12.2 Nanostructured & Amorphous Materials Major Business

2.12.3 Nanostructured & Amorphous Materials Nanophotonics Product and Services

2.12.4 Nanostructured & Amorphous Materials Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 Nanostructured & Amorphous Materials Recent Developments/Updates

2.13 OSRAM Opto Semiconductors

2.13.1 OSRAM Opto Semiconductors Details

- 2.13.2 OSRAM Opto Semiconductors Major Business
- 2.13.3 OSRAM Opto Semiconductors Nanophotonics Product and Services
- 2.13.4 OSRAM Opto Semiconductors Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.13.5 OSRAM Opto Semiconductors Recent Developments/Updates
- 2.14 Philips Lumileds Lighting
  - 2.14.1 Philips Lumileds Lighting Details
  - 2.14.2 Philips Lumileds Lighting Major Business
  - 2.14.3 Philips Lumileds Lighting Nanophotonics Product and Services
  - 2.14.4 Philips Lumileds Lighting Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.14.5 Philips Lumileds Lighting Recent Developments/Updates
- 2.15 QD Vision
  - 2.15.1 QD Vision Details
  - 2.15.2 QD Vision Major Business
  - 2.15.3 QD Vision Nanophotonics Product and Services
  - 2.15.4 QD Vision Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.15.5 QD Vision Recent Developments/Updates
- 2.16 Quantum Materials
  - 2.16.1 Quantum Materials Details
  - 2.16.2 Quantum Materials Major Business
  - 2.16.3 Quantum Materials Nanophotonics Product and Services
  - 2.16.4 Quantum Materials Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.16.5 Quantum Materials Recent Developments/Updates
- 2.17 TCL Display Technology
  - 2.17.1 TCL Display Technology Details
  - 2.17.2 TCL Display Technology Major Business
  - 2.17.3 TCL Display Technology Nanophotonics Product and Services
  - 2.17.4 TCL Display Technology Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.17.5 TCL Display Technology Recent Developments/Updates
- 2.18 Universal Display
  - 2.18.1 Universal Display Details
  - 2.18.2 Universal Display Major Business
  - 2.18.3 Universal Display Nanophotonics Product and Services
  - 2.18.4 Universal Display Nanophotonics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

## 2.18.5 Universal Display Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: NANOPHOTONICS BY MANUFACTURER**

#### 3.1 Global Nanophotonics Sales Quantity by Manufacturer (2019-2024)

#### 3.2 Global Nanophotonics Revenue by Manufacturer (2019-2024)

#### 3.3 Global Nanophotonics Average Price by Manufacturer (2019-2024)

#### 3.4 Market Share Analysis (2023)

##### 3.4.1 Producer Shipments of Nanophotonics by Manufacturer Revenue (\$MM) and Market Share (%): 2023

##### 3.4.2 Top 3 Nanophotonics Manufacturer Market Share in 2023

##### 3.4.2 Top 6 Nanophotonics Manufacturer Market Share in 2023

#### 3.5 Nanophotonics Market: Overall Company Footprint Analysis

##### 3.5.1 Nanophotonics Market: Region Footprint

##### 3.5.2 Nanophotonics Market: Company Product Type Footprint

##### 3.5.3 Nanophotonics Market: Company Product Application Footprint

#### 3.6 New Market Entrants and Barriers to Market Entry

#### 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

#### 4.1 Global Nanophotonics Market Size by Region

##### 4.1.1 Global Nanophotonics Sales Quantity by Region (2019-2030)

##### 4.1.2 Global Nanophotonics Consumption Value by Region (2019-2030)

##### 4.1.3 Global Nanophotonics Average Price by Region (2019-2030)

#### 4.2 North America Nanophotonics Consumption Value (2019-2030)

#### 4.3 Europe Nanophotonics Consumption Value (2019-2030)

#### 4.4 Asia-Pacific Nanophotonics Consumption Value (2019-2030)

#### 4.5 South America Nanophotonics Consumption Value (2019-2030)

#### 4.6 Middle East and Africa Nanophotonics Consumption Value (2019-2030)

### **5 MARKET SEGMENT BY TYPE**

#### 5.1 Global Nanophotonics Sales Quantity by Type (2019-2030)

#### 5.2 Global Nanophotonics Consumption Value by Type (2019-2030)

#### 5.3 Global Nanophotonics Average Price by Type (2019-2030)

### **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Nanophotonics Sales Quantity by Application (2019-2030)
- 6.2 Global Nanophotonics Consumption Value by Application (2019-2030)
- 6.3 Global Nanophotonics Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

- 7.1 North America Nanophotonics Sales Quantity by Type (2019-2030)
- 7.2 North America Nanophotonics Sales Quantity by Application (2019-2030)
- 7.3 North America Nanophotonics Market Size by Country
  - 7.3.1 North America Nanophotonics Sales Quantity by Country (2019-2030)
  - 7.3.2 North America Nanophotonics Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)
  - 7.3.4 Canada Market Size and Forecast (2019-2030)
  - 7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

- 8.1 Europe Nanophotonics Sales Quantity by Type (2019-2030)
- 8.2 Europe Nanophotonics Sales Quantity by Application (2019-2030)
- 8.3 Europe Nanophotonics Market Size by Country
  - 8.3.1 Europe Nanophotonics Sales Quantity by Country (2019-2030)
  - 8.3.2 Europe Nanophotonics Consumption Value by Country (2019-2030)
  - 8.3.3 Germany Market Size and Forecast (2019-2030)
  - 8.3.4 France Market Size and Forecast (2019-2030)
  - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
  - 8.3.6 Russia Market Size and Forecast (2019-2030)
  - 8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Nanophotonics Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Nanophotonics Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Nanophotonics Market Size by Region
  - 9.3.1 Asia-Pacific Nanophotonics Sales Quantity by Region (2019-2030)
  - 9.3.2 Asia-Pacific Nanophotonics Consumption Value by Region (2019-2030)
  - 9.3.3 China Market Size and Forecast (2019-2030)
  - 9.3.4 Japan Market Size and Forecast (2019-2030)
  - 9.3.5 Korea Market Size and Forecast (2019-2030)
  - 9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

10.1 South America Nanophotonics Sales Quantity by Type (2019-2030)

10.2 South America Nanophotonics Sales Quantity by Application (2019-2030)

10.3 South America Nanophotonics Market Size by Country

10.3.1 South America Nanophotonics Sales Quantity by Country (2019-2030)

10.3.2 South America Nanophotonics Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Nanophotonics Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Nanophotonics Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Nanophotonics Market Size by Country

11.3.1 Middle East & Africa Nanophotonics Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Nanophotonics Consumption Value by Country  
(2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

12.1 Nanophotonics Market Drivers

12.2 Nanophotonics Market Restraints

12.3 Nanophotonics Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Nanophotonics and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Nanophotonics
- 13.3 Nanophotonics Production Process
- 13.4 Nanophotonics Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Nanophotonics Typical Distributors
- 14.3 Nanophotonics Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Nanophotonics Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Nanophotonics Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Carbon Solutions Basic Information, Manufacturing Base and Competitors

Table 4. Carbon Solutions Major Business

Table 5. Carbon Solutions Nanophotonics Product and Services

Table 6. Carbon Solutions Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Carbon Solutions Recent Developments/Updates

Table 8. Cambrios Technologies Basic Information, Manufacturing Base and Competitors

Table 9. Cambrios Technologies Major Business

Table 10. Cambrios Technologies Nanophotonics Product and Services

Table 11. Cambrios Technologies Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Cambrios Technologies Recent Developments/Updates

Table 13. Catalytic Materials Basic Information, Manufacturing Base and Competitors

Table 14. Catalytic Materials Major Business

Table 15. Catalytic Materials Nanophotonics Product and Services

Table 16. Catalytic Materials Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Catalytic Materials Recent Developments/Updates

Table 18. Cnano Technology Basic Information, Manufacturing Base and Competitors

Table 19. Cnano Technology Major Business

Table 20. Cnano Technology Nanophotonics Product and Services

Table 21. Cnano Technology Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Cnano Technology Recent Developments/Updates

Table 23. Cree Basic Information, Manufacturing Base and Competitors

Table 24. Cree Major Business

Table 25. Cree Nanophotonics Product and Services

Table 26. Cree Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Cree Recent Developments/Updates

- Table 28. LG Display Basic Information, Manufacturing Base and Competitors
- Table 29. LG Display Major Business
- Table 30. LG Display Nanophotonics Product and Services
- Table 31. LG Display Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. LG Display Recent Developments/Updates
- Table 33. Nanocs Basic Information, Manufacturing Base and Competitors
- Table 34. Nanocs Major Business
- Table 35. Nanocs Nanophotonics Product and Services
- Table 36. Nanocs Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. Nanocs Recent Developments/Updates
- Table 38. Nanocyl Basic Information, Manufacturing Base and Competitors
- Table 39. Nanocyl Major Business
- Table 40. Nanocyl Nanophotonics Product and Services
- Table 41. Nanocyl Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. Nanocyl Recent Developments/Updates
- Table 43. Nanoco Technologies Basic Information, Manufacturing Base and Competitors
- Table 44. Nanoco Technologies Major Business
- Table 45. Nanoco Technologies Nanophotonics Product and Services
- Table 46. Nanoco Technologies Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. Nanoco Technologies Recent Developments/Updates
- Table 48. nanoPHAB Basic Information, Manufacturing Base and Competitors
- Table 49. nanoPHAB Major Business
- Table 50. nanoPHAB Nanophotonics Product and Services
- Table 51. nanoPHAB Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 52. nanoPHAB Recent Developments/Updates
- Table 53. Nanosys Basic Information, Manufacturing Base and Competitors
- Table 54. Nanosys Major Business
- Table 55. Nanosys Nanophotonics Product and Services
- Table 56. Nanosys Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 57. Nanosys Recent Developments/Updates
- Table 58. Nanostructured & Amorphous Materials Basic Information, Manufacturing Base and Competitors



- Table 59. Nanostructured & Amorphous Materials Major Business
- Table 60. Nanostructured & Amorphous Materials Nanophotonics Product and Services
- Table 61. Nanostructured & Amorphous Materials Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 62. Nanostructured & Amorphous Materials Recent Developments/Updates
- Table 63. OSRAM Opto Semiconductors Basic Information, Manufacturing Base and Competitors
- Table 64. OSRAM Opto Semiconductors Major Business
- Table 65. OSRAM Opto Semiconductors Nanophotonics Product and Services
- Table 66. OSRAM Opto Semiconductors Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 67. OSRAM Opto Semiconductors Recent Developments/Updates
- Table 68. Philips Lumileds Lighting Basic Information, Manufacturing Base and Competitors
- Table 69. Philips Lumileds Lighting Major Business
- Table 70. Philips Lumileds Lighting Nanophotonics Product and Services
- Table 71. Philips Lumileds Lighting Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 72. Philips Lumileds Lighting Recent Developments/Updates
- Table 73. QD Vision Basic Information, Manufacturing Base and Competitors
- Table 74. QD Vision Major Business
- Table 75. QD Vision Nanophotonics Product and Services
- Table 76. QD Vision Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 77. QD Vision Recent Developments/Updates
- Table 78. Quantum Materials Basic Information, Manufacturing Base and Competitors
- Table 79. Quantum Materials Major Business
- Table 80. Quantum Materials Nanophotonics Product and Services
- Table 81. Quantum Materials Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 82. Quantum Materials Recent Developments/Updates
- Table 83. TCL Display Technology Basic Information, Manufacturing Base and Competitors
- Table 84. TCL Display Technology Major Business
- Table 85. TCL Display Technology Nanophotonics Product and Services
- Table 86. TCL Display Technology Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

- Table 87. TCL Display Technology Recent Developments/Updates
- Table 88. Universal Display Basic Information, Manufacturing Base and Competitors
- Table 89. Universal Display Major Business
- Table 90. Universal Display Nanophotonics Product and Services
- Table 91. Universal Display Nanophotonics Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 92. Universal Display Recent Developments/Updates
- Table 93. Global Nanophotonics Sales Quantity by Manufacturer (2019-2024) & (K Units)
- Table 94. Global Nanophotonics Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 95. Global Nanophotonics Average Price by Manufacturer (2019-2024) & (USD/Unit)
- Table 96. Market Position of Manufacturers in Nanophotonics, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
- Table 97. Head Office and Nanophotonics Production Site of Key Manufacturer
- Table 98. Nanophotonics Market: Company Product Type Footprint
- Table 99. Nanophotonics Market: Company Product Application Footprint
- Table 100. Nanophotonics New Market Entrants and Barriers to Market Entry
- Table 101. Nanophotonics Mergers, Acquisition, Agreements, and Collaborations
- Table 102. Global Nanophotonics Sales Quantity by Region (2019-2024) & (K Units)
- Table 103. Global Nanophotonics Sales Quantity by Region (2025-2030) & (K Units)
- Table 104. Global Nanophotonics Consumption Value by Region (2019-2024) & (USD Million)
- Table 105. Global Nanophotonics Consumption Value by Region (2025-2030) & (USD Million)
- Table 106. Global Nanophotonics Average Price by Region (2019-2024) & (USD/Unit)
- Table 107. Global Nanophotonics Average Price by Region (2025-2030) & (USD/Unit)
- Table 108. Global Nanophotonics Sales Quantity by Type (2019-2024) & (K Units)
- Table 109. Global Nanophotonics Sales Quantity by Type (2025-2030) & (K Units)
- Table 110. Global Nanophotonics Consumption Value by Type (2019-2024) & (USD Million)
- Table 111. Global Nanophotonics Consumption Value by Type (2025-2030) & (USD Million)
- Table 112. Global Nanophotonics Average Price by Type (2019-2024) & (USD/Unit)
- Table 113. Global Nanophotonics Average Price by Type (2025-2030) & (USD/Unit)
- Table 114. Global Nanophotonics Sales Quantity by Application (2019-2024) & (K Units)
- Table 115. Global Nanophotonics Sales Quantity by Application (2025-2030) & (K Units)
- Table 116. Global Nanophotonics Consumption Value by Application (2019-2024) & (USD Million)

Table 117. Global Nanophotonics Consumption Value by Application (2025-2030) & (USD Million)

Table 118. Global Nanophotonics Average Price by Application (2019-2024) & (USD/Unit)

Table 119. Global Nanophotonics Average Price by Application (2025-2030) & (USD/Unit)

Table 120. North America Nanophotonics Sales Quantity by Type (2019-2024) & (K Units)

Table 121. North America Nanophotonics Sales Quantity by Type (2025-2030) & (K Units)

Table 122. North America Nanophotonics Sales Quantity by Application (2019-2024) & (K Units)

Table 123. North America Nanophotonics Sales Quantity by Application (2025-2030) & (K Units)

Table 124. North America Nanophotonics Sales Quantity by Country (2019-2024) & (K Units)

Table 125. North America Nanophotonics Sales Quantity by Country (2025-2030) & (K Units)

Table 126. North America Nanophotonics Consumption Value by Country (2019-2024) & (USD Million)

Table 127. North America Nanophotonics Consumption Value by Country (2025-2030) & (USD Million)

Table 128. Europe Nanophotonics Sales Quantity by Type (2019-2024) & (K Units)

Table 129. Europe Nanophotonics Sales Quantity by Type (2025-2030) & (K Units)

Table 130. Europe Nanophotonics Sales Quantity by Application (2019-2024) & (K Units)

Table 131. Europe Nanophotonics Sales Quantity by Application (2025-2030) & (K Units)

Table 132. Europe Nanophotonics Sales Quantity by Country (2019-2024) & (K Units)

Table 133. Europe Nanophotonics Sales Quantity by Country (2025-2030) & (K Units)

Table 134. Europe Nanophotonics Consumption Value by Country (2019-2024) & (USD Million)

Table 135. Europe Nanophotonics Consumption Value by Country (2025-2030) & (USD Million)

Table 136. Asia-Pacific Nanophotonics Sales Quantity by Type (2019-2024) & (K Units)

Table 137. Asia-Pacific Nanophotonics Sales Quantity by Type (2025-2030) & (K Units)

Table 138. Asia-Pacific Nanophotonics Sales Quantity by Application (2019-2024) & (K Units)

Table 139. Asia-Pacific Nanophotonics Sales Quantity by Application (2025-2030) & (K Units)

Units)

Table 140. Asia-Pacific Nanophotonics Sales Quantity by Region (2019-2024) & (K Units)

Table 141. Asia-Pacific Nanophotonics Sales Quantity by Region (2025-2030) & (K Units)

Table 142. Asia-Pacific Nanophotonics Consumption Value by Region (2019-2024) & (USD Million)

Table 143. Asia-Pacific Nanophotonics Consumption Value by Region (2025-2030) & (USD Million)

Table 144. South America Nanophotonics Sales Quantity by Type (2019-2024) & (K Units)

Table 145. South America Nanophotonics Sales Quantity by Type (2025-2030) & (K Units)

Table 146. South America Nanophotonics Sales Quantity by Application (2019-2024) & (K Units)

Table 147. South America Nanophotonics Sales Quantity by Application (2025-2030) & (K Units)

Table 148. South America Nanophotonics Sales Quantity by Country (2019-2024) & (K Units)

Table 149. South America Nanophotonics Sales Quantity by Country (2025-2030) & (K Units)

Table 150. South America Nanophotonics Consumption Value by Country (2019-2024) & (USD Million)

Table 151. South America Nanophotonics Consumption Value by Country (2025-2030) & (USD Million)

Table 152. Middle East & Africa Nanophotonics Sales Quantity by Type (2019-2024) & (K Units)

Table 153. Middle East & Africa Nanophotonics Sales Quantity by Type (2025-2030) & (K Units)

Table 154. Middle East & Africa Nanophotonics Sales Quantity by Application (2019-2024) & (K Units)

Table 155. Middle East & Africa Nanophotonics Sales Quantity by Application (2025-2030) & (K Units)

Table 156. Middle East & Africa Nanophotonics Sales Quantity by Region (2019-2024) & (K Units)

Table 157. Middle East & Africa Nanophotonics Sales Quantity by Region (2025-2030) & (K Units)

Table 158. Middle East & Africa Nanophotonics Consumption Value by Region (2019-2024) & (USD Million)

Table 159. Middle East & Africa Nanophotonics Consumption Value by Region  
(2025-2030) & (USD Million)

Table 160. Nanophotonics Raw Material

Table 161. Key Manufacturers of Nanophotonics Raw Materials

Table 162. Nanophotonics Typical Distributors

Table 163. Nanophotonics Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Nanophotonics Picture

Figure 2. Global Nanophotonics Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Nanophotonics Consumption Value Market Share by Type in 2023

Figure 4. LED Examples

Figure 5. OLED Examples

Figure 6. Photovoltaic Cells Examples

Figure 7. Optical Amplifier Examples

Figure 8. Optical Switches Examples

Figure 9. Others Examples

Figure 10. Global Nanophotonics Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 11. Global Nanophotonics Consumption Value Market Share by Application in 2023

Figure 12. Consumer Electronics Examples

Figure 13. Material Science Examples

Figure 14. Non Visible Wavelength Instruments Examples

Figure 15. Non Visual Applications Examples

Figure 16. Indicators Examples

Figure 17. Other Applications Examples

Figure 18. Global Nanophotonics Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 19. Global Nanophotonics Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 20. Global Nanophotonics Sales Quantity (2019-2030) & (K Units)

Figure 21. Global Nanophotonics Average Price (2019-2030) & (USD/Unit)

Figure 22. Global Nanophotonics Sales Quantity Market Share by Manufacturer in 2023

Figure 23. Global Nanophotonics Consumption Value Market Share by Manufacturer in 2023

Figure 24. Producer Shipments of Nanophotonics by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 25. Top 3 Nanophotonics Manufacturer (Consumption Value) Market Share in 2023

Figure 26. Top 6 Nanophotonics Manufacturer (Consumption Value) Market Share in 2023

- Figure 27. Global Nanophotonics Sales Quantity Market Share by Region (2019-2030)
- Figure 28. Global Nanophotonics Consumption Value Market Share by Region (2019-2030)
- Figure 29. North America Nanophotonics Consumption Value (2019-2030) & (USD Million)
- Figure 30. Europe Nanophotonics Consumption Value (2019-2030) & (USD Million)
- Figure 31. Asia-Pacific Nanophotonics Consumption Value (2019-2030) & (USD Million)
- Figure 32. South America Nanophotonics Consumption Value (2019-2030) & (USD Million)
- Figure 33. Middle East & Africa Nanophotonics Consumption Value (2019-2030) & (USD Million)
- Figure 34. Global Nanophotonics Sales Quantity Market Share by Type (2019-2030)
- Figure 35. Global Nanophotonics Consumption Value Market Share by Type (2019-2030)
- Figure 36. Global Nanophotonics Average Price by Type (2019-2030) & (USD/Unit)
- Figure 37. Global Nanophotonics Sales Quantity Market Share by Application (2019-2030)
- Figure 38. Global Nanophotonics Consumption Value Market Share by Application (2019-2030)
- Figure 39. Global Nanophotonics Average Price by Application (2019-2030) & (USD/Unit)
- Figure 40. North America Nanophotonics Sales Quantity Market Share by Type (2019-2030)
- Figure 41. North America Nanophotonics Sales Quantity Market Share by Application (2019-2030)
- Figure 42. North America Nanophotonics Sales Quantity Market Share by Country (2019-2030)
- Figure 43. North America Nanophotonics Consumption Value Market Share by Country (2019-2030)
- Figure 44. United States Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 45. Canada Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 46. Mexico Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 47. Europe Nanophotonics Sales Quantity Market Share by Type (2019-2030)
- Figure 48. Europe Nanophotonics Sales Quantity Market Share by Application (2019-2030)
- Figure 49. Europe Nanophotonics Sales Quantity Market Share by Country (2019-2030)

Figure 50. Europe Nanophotonics Consumption Value Market Share by Country (2019-2030)

Figure 51. Germany Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. France Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 53. United Kingdom Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. Russia Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. Italy Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Asia-Pacific Nanophotonics Sales Quantity Market Share by Type (2019-2030)

Figure 57. Asia-Pacific Nanophotonics Sales Quantity Market Share by Application (2019-2030)

Figure 58. Asia-Pacific Nanophotonics Sales Quantity Market Share by Region (2019-2030)

Figure 59. Asia-Pacific Nanophotonics Consumption Value Market Share by Region (2019-2030)

Figure 60. China Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Japan Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. Korea Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 63. India Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 64. Southeast Asia Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 65. Australia Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. South America Nanophotonics Sales Quantity Market Share by Type (2019-2030)

Figure 67. South America Nanophotonics Sales Quantity Market Share by Application (2019-2030)

Figure 68. South America Nanophotonics Sales Quantity Market Share by Country (2019-2030)

Figure 69. South America Nanophotonics Consumption Value Market Share by Country



(2019-2030)

Figure 70. Brazil Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. Argentina Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Middle East & Africa Nanophotonics Sales Quantity Market Share by Type (2019-2030)

Figure 73. Middle East & Africa Nanophotonics Sales Quantity Market Share by Application (2019-2030)

Figure 74. Middle East & Africa Nanophotonics Sales Quantity Market Share by Region (2019-2030)

Figure 75. Middle East & Africa Nanophotonics Consumption Value Market Share by Region (2019-2030)

Figure 76. Turkey Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 77. Egypt Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 78. Saudi Arabia Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 79. South Africa Nanophotonics Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 80. Nanophotonics Market Drivers

Figure 81. Nanophotonics Market Restraints

Figure 82. Nanophotonics Market Trends

Figure 83. Porters Five Forces Analysis

Figure 84. Manufacturing Cost Structure Analysis of Nanophotonics in 2023

Figure 85. Manufacturing Process Analysis of Nanophotonics

Figure 86. Nanophotonics Industrial Chain

Figure 87. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 88. Direct Channel Pros & Cons

Figure 89. Indirect Channel Pros & Cons

Figure 90. Methodology

Figure 91. Research Process and Data Source

## I would like to order

Product name: Global Nanophotonics Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G972C05C0A1GEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G972C05C0A1GEN.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

