

Global Negative Achromatic Lens Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GB04CDEB23CFEN.html>

Date: August 2023

Pages: 119

Price: US\$ 4,480.00 (Single User License)

ID: GB04CDEB23CFEN

Abstracts

The global Negative Achromatic Lens market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Negative achromatic lens is a lens with special optical properties, which can effectively eliminate chromatic aberration, so that light of different wavelengths can be focused on the same focal point. Negative achromatic lenses are usually composed of multiple lenses, at least one of which has a negative dispersion rate, that is, the refractive index gradually decreases as the wavelength increases. Negative achromatic lenses are widely used in optical instruments, photographic lenses, telescopes, microscopes and other fields. It enables high-quality imaging and focusing, which improves the resolution and clarity of the optical system. Compared with ordinary lenses, negative achromatic lenses can effectively eliminate chromatic aberration, making imaging more real and accurate. The design of a negative achromatic lens needs to consider many factors, such as lens curvature, thickness, material, dispersion rate and other parameters, as well as parameters such as the wavelength of light and incident angle. In addition, the manufacture of negative achromatic lenses requires high-precision processing and testing techniques to ensure their optical performance and stability.

This report studies the global Negative Achromatic Lens production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Negative Achromatic Lens, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Negative Achromatic Lens that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Negative Achromatic Lens total production and demand, 2018-2029, (K Units)

Global Negative Achromatic Lens total production value, 2018-2029, (USD Million)

Global Negative Achromatic Lens production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Negative Achromatic Lens consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Negative Achromatic Lens domestic production, consumption, key domestic manufacturers and share

Global Negative Achromatic Lens production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Negative Achromatic Lens production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Negative Achromatic Lens production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Negative Achromatic Lens market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Applied Physical Sciences Corp., Asahi Glass Co., Ltd., Bose Corporation, Canon Inc., Continental AG, DAP Technologies, Fraunhofer Institute for Integrated Circuits IIS, General Dynamics Mission Systems and Harris Corporation, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Negative Achromatic Lens market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Negative Achromatic Lens Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Negative Achromatic Lens Market, Segmentation by Type

Biconvex Negative Achromatic Lenses

Biconcave Negative Achromatic Lenses

Global Negative Achromatic Lens Market, Segmentation by Application

Optical Instruments

Laser System

Companies Profiled:

Applied Physical Sciences Corp.

Asahi Glass Co., Ltd.

Bose Corporation

Canon Inc.

Continental AG

DAP Technologies

Fraunhofer Institute for Integrated Circuits IIS

General Dynamics Mission Systems

Harris Corporation

HCL Technologies Ltd.

Hella KGaA Hueck & Co.

InvenSense Inc.

LG Electronics Inc.

Murata Manufacturing Co., Ltd.

NEC Corporation

OMRON Corporation

Panasonic Corporation

Key Questions Answered

1. How big is the global Negative Achromatic Lens market?
2. What is the demand of the global Negative Achromatic Lens market?
3. What is the year over year growth of the global Negative Achromatic Lens market?
4. What is the production and production value of the global Negative Achromatic Lens market?
5. Who are the key producers in the global Negative Achromatic Lens market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Negative Achromatic Lens Introduction
- 1.2 World Negative Achromatic Lens Supply & Forecast
 - 1.2.1 World Negative Achromatic Lens Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Negative Achromatic Lens Production (2018-2029)
 - 1.2.3 World Negative Achromatic Lens Pricing Trends (2018-2029)
- 1.3 World Negative Achromatic Lens Production by Region (Based on Production Site)
 - 1.3.1 World Negative Achromatic Lens Production Value by Region (2018-2029)
 - 1.3.2 World Negative Achromatic Lens Production by Region (2018-2029)
 - 1.3.3 World Negative Achromatic Lens Average Price by Region (2018-2029)
 - 1.3.4 North America Negative Achromatic Lens Production (2018-2029)
 - 1.3.5 Europe Negative Achromatic Lens Production (2018-2029)
 - 1.3.6 China Negative Achromatic Lens Production (2018-2029)
 - 1.3.7 Japan Negative Achromatic Lens Production (2018-2029)
 - 1.3.8 South Korea Negative Achromatic Lens Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Negative Achromatic Lens Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Negative Achromatic Lens Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Negative Achromatic Lens Demand (2018-2029)
- 2.2 World Negative Achromatic Lens Consumption by Region
 - 2.2.1 World Negative Achromatic Lens Consumption by Region (2018-2023)
 - 2.2.2 World Negative Achromatic Lens Consumption Forecast by Region (2024-2029)
- 2.3 United States Negative Achromatic Lens Consumption (2018-2029)
- 2.4 China Negative Achromatic Lens Consumption (2018-2029)
- 2.5 Europe Negative Achromatic Lens Consumption (2018-2029)
- 2.6 Japan Negative Achromatic Lens Consumption (2018-2029)
- 2.7 South Korea Negative Achromatic Lens Consumption (2018-2029)
- 2.8 ASEAN Negative Achromatic Lens Consumption (2018-2029)
- 2.9 India Negative Achromatic Lens Consumption (2018-2029)

3 WORLD NEGATIVE ACHROMATIC LENS MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Negative Achromatic Lens Production Value by Manufacturer (2018-2023)
- 3.2 World Negative Achromatic Lens Production by Manufacturer (2018-2023)
- 3.3 World Negative Achromatic Lens Average Price by Manufacturer (2018-2023)
- 3.4 Negative Achromatic Lens Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Negative Achromatic Lens Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Negative Achromatic Lens in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Negative Achromatic Lens in 2022
- 3.6 Negative Achromatic Lens Market: Overall Company Footprint Analysis
 - 3.6.1 Negative Achromatic Lens Market: Region Footprint
 - 3.6.2 Negative Achromatic Lens Market: Company Product Type Footprint
 - 3.6.3 Negative Achromatic Lens Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Negative Achromatic Lens Production Value Comparison
 - 4.1.1 United States VS China: Negative Achromatic Lens Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Negative Achromatic Lens Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Negative Achromatic Lens Production Comparison
 - 4.2.1 United States VS China: Negative Achromatic Lens Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Negative Achromatic Lens Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Negative Achromatic Lens Consumption Comparison
 - 4.3.1 United States VS China: Negative Achromatic Lens Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Negative Achromatic Lens Consumption Market Share

Comparison (2018 & 2022 & 2029)

4.4 United States Based Negative Achromatic Lens Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Negative Achromatic Lens Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Negative Achromatic Lens Production Value (2018-2023)

4.4.3 United States Based Manufacturers Negative Achromatic Lens Production (2018-2023)

4.5 China Based Negative Achromatic Lens Manufacturers and Market Share

4.5.1 China Based Negative Achromatic Lens Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Negative Achromatic Lens Production Value (2018-2023)

4.5.3 China Based Manufacturers Negative Achromatic Lens Production (2018-2023)

4.6 Rest of World Based Negative Achromatic Lens Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Negative Achromatic Lens Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Negative Achromatic Lens Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Negative Achromatic Lens Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Negative Achromatic Lens Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Biconvex Negative Achromatic Lenses

5.2.2 Biconcave Negative Achromatic Lenses

5.3 Market Segment by Type

5.3.1 World Negative Achromatic Lens Production by Type (2018-2029)

5.3.2 World Negative Achromatic Lens Production Value by Type (2018-2029)

5.3.3 World Negative Achromatic Lens Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Negative Achromatic Lens Market Size Overview by Application: 2018 VS

2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Optical Instruments

6.2.2 Laser System

6.3 Market Segment by Application

6.3.1 World Negative Achromatic Lens Production by Application (2018-2029)

6.3.2 World Negative Achromatic Lens Production Value by Application (2018-2029)

6.3.3 World Negative Achromatic Lens Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Applied Physical Sciences Corp.

7.1.1 Applied Physical Sciences Corp. Details

7.1.2 Applied Physical Sciences Corp. Major Business

7.1.3 Applied Physical Sciences Corp. Negative Achromatic Lens Product and Services

7.1.4 Applied Physical Sciences Corp. Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Applied Physical Sciences Corp. Recent Developments/Updates

7.1.6 Applied Physical Sciences Corp. Competitive Strengths & Weaknesses

7.2 Asahi Glass Co., Ltd.

7.2.1 Asahi Glass Co., Ltd. Details

7.2.2 Asahi Glass Co., Ltd. Major Business

7.2.3 Asahi Glass Co., Ltd. Negative Achromatic Lens Product and Services

7.2.4 Asahi Glass Co., Ltd. Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Asahi Glass Co., Ltd. Recent Developments/Updates

7.2.6 Asahi Glass Co., Ltd. Competitive Strengths & Weaknesses

7.3 Bose Corporation

7.3.1 Bose Corporation Details

7.3.2 Bose Corporation Major Business

7.3.3 Bose Corporation Negative Achromatic Lens Product and Services

7.3.4 Bose Corporation Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Bose Corporation Recent Developments/Updates

7.3.6 Bose Corporation Competitive Strengths & Weaknesses

7.4 Canon Inc.

7.4.1 Canon Inc. Details

7.4.2 Canon Inc. Major Business

- 7.4.3 Canon Inc. Negative Achromatic Lens Product and Services
- 7.4.4 Canon Inc. Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 Canon Inc. Recent Developments/Updates
- 7.4.6 Canon Inc. Competitive Strengths & Weaknesses
- 7.5 Continental AG
 - 7.5.1 Continental AG Details
 - 7.5.2 Continental AG Major Business
 - 7.5.3 Continental AG Negative Achromatic Lens Product and Services
 - 7.5.4 Continental AG Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Continental AG Recent Developments/Updates
 - 7.5.6 Continental AG Competitive Strengths & Weaknesses
- 7.6 DAP Technologies
 - 7.6.1 DAP Technologies Details
 - 7.6.2 DAP Technologies Major Business
 - 7.6.3 DAP Technologies Negative Achromatic Lens Product and Services
 - 7.6.4 DAP Technologies Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 DAP Technologies Recent Developments/Updates
 - 7.6.6 DAP Technologies Competitive Strengths & Weaknesses
- 7.7 Fraunhofer Institute for Integrated Circuits IIS
 - 7.7.1 Fraunhofer Institute for Integrated Circuits IIS Details
 - 7.7.2 Fraunhofer Institute for Integrated Circuits IIS Major Business
 - 7.7.3 Fraunhofer Institute for Integrated Circuits IIS Negative Achromatic Lens Product and Services
 - 7.7.4 Fraunhofer Institute for Integrated Circuits IIS Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Fraunhofer Institute for Integrated Circuits IIS Recent Developments/Updates
 - 7.7.6 Fraunhofer Institute for Integrated Circuits IIS Competitive Strengths & Weaknesses
- 7.8 General Dynamics Mission Systems
 - 7.8.1 General Dynamics Mission Systems Details
 - 7.8.2 General Dynamics Mission Systems Major Business
 - 7.8.3 General Dynamics Mission Systems Negative Achromatic Lens Product and Services
 - 7.8.4 General Dynamics Mission Systems Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 General Dynamics Mission Systems Recent Developments/Updates

- 7.8.6 General Dynamics Mission Systems Competitive Strengths & Weaknesses
- 7.9 Harris Corporation
 - 7.9.1 Harris Corporation Details
 - 7.9.2 Harris Corporation Major Business
 - 7.9.3 Harris Corporation Negative Achromatic Lens Product and Services
 - 7.9.4 Harris Corporation Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 Harris Corporation Recent Developments/Updates
 - 7.9.6 Harris Corporation Competitive Strengths & Weaknesses
- 7.10 HCL Technologies Ltd.
 - 7.10.1 HCL Technologies Ltd. Details
 - 7.10.2 HCL Technologies Ltd. Major Business
 - 7.10.3 HCL Technologies Ltd. Negative Achromatic Lens Product and Services
 - 7.10.4 HCL Technologies Ltd. Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 HCL Technologies Ltd. Recent Developments/Updates
 - 7.10.6 HCL Technologies Ltd. Competitive Strengths & Weaknesses
- 7.11 Hella KGaA Hueck & Co.
 - 7.11.1 Hella KGaA Hueck & Co. Details
 - 7.11.2 Hella KGaA Hueck & Co. Major Business
 - 7.11.3 Hella KGaA Hueck & Co. Negative Achromatic Lens Product and Services
 - 7.11.4 Hella KGaA Hueck & Co. Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Hella KGaA Hueck & Co. Recent Developments/Updates
 - 7.11.6 Hella KGaA Hueck & Co. Competitive Strengths & Weaknesses
- 7.12 InvenSense Inc.
 - 7.12.1 InvenSense Inc. Details
 - 7.12.2 InvenSense Inc. Major Business
 - 7.12.3 InvenSense Inc. Negative Achromatic Lens Product and Services
 - 7.12.4 InvenSense Inc. Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 InvenSense Inc. Recent Developments/Updates
 - 7.12.6 InvenSense Inc. Competitive Strengths & Weaknesses
- 7.13 LG Electronics Inc.
 - 7.13.1 LG Electronics Inc. Details
 - 7.13.2 LG Electronics Inc. Major Business
 - 7.13.3 LG Electronics Inc. Negative Achromatic Lens Product and Services
 - 7.13.4 LG Electronics Inc. Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.13.5 LG Electronics Inc. Recent Developments/Updates
- 7.13.6 LG Electronics Inc. Competitive Strengths & Weaknesses
- 7.14 Murata Manufacturing Co., Ltd.
 - 7.14.1 Murata Manufacturing Co., Ltd. Details
 - 7.14.2 Murata Manufacturing Co., Ltd. Major Business
 - 7.14.3 Murata Manufacturing Co., Ltd. Negative Achromatic Lens Product and Services
 - 7.14.4 Murata Manufacturing Co., Ltd. Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.14.5 Murata Manufacturing Co., Ltd. Recent Developments/Updates
 - 7.14.6 Murata Manufacturing Co., Ltd. Competitive Strengths & Weaknesses
- 7.15 NEC Corporation
 - 7.15.1 NEC Corporation Details
 - 7.15.2 NEC Corporation Major Business
 - 7.15.3 NEC Corporation Negative Achromatic Lens Product and Services
 - 7.15.4 NEC Corporation Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.15.5 NEC Corporation Recent Developments/Updates
 - 7.15.6 NEC Corporation Competitive Strengths & Weaknesses
- 7.16 OMRON Corporation
 - 7.16.1 OMRON Corporation Details
 - 7.16.2 OMRON Corporation Major Business
 - 7.16.3 OMRON Corporation Negative Achromatic Lens Product and Services
 - 7.16.4 OMRON Corporation Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.16.5 OMRON Corporation Recent Developments/Updates
 - 7.16.6 OMRON Corporation Competitive Strengths & Weaknesses
- 7.17 Panasonic Corporation
 - 7.17.1 Panasonic Corporation Details
 - 7.17.2 Panasonic Corporation Major Business
 - 7.17.3 Panasonic Corporation Negative Achromatic Lens Product and Services
 - 7.17.4 Panasonic Corporation Negative Achromatic Lens Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.17.5 Panasonic Corporation Recent Developments/Updates
 - 7.17.6 Panasonic Corporation Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Negative Achromatic Lens Industry Chain

8.2 Negative Achromatic Lens Upstream Analysis

8.2.1 Negative Achromatic Lens Core Raw Materials

8.2.2 Main Manufacturers of Negative Achromatic Lens Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Negative Achromatic Lens Production Mode

8.6 Negative Achromatic Lens Procurement Model

8.7 Negative Achromatic Lens Industry Sales Model and Sales Channels

8.7.1 Negative Achromatic Lens Sales Model

8.7.2 Negative Achromatic Lens Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Negative Achromatic Lens Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Negative Achromatic Lens Production Value by Region (2018-2023) & (USD Million)

Table 3. World Negative Achromatic Lens Production Value by Region (2024-2029) & (USD Million)

Table 4. World Negative Achromatic Lens Production Value Market Share by Region (2018-2023)

Table 5. World Negative Achromatic Lens Production Value Market Share by Region (2024-2029)

Table 6. World Negative Achromatic Lens Production by Region (2018-2023) & (K Units)

Table 7. World Negative Achromatic Lens Production by Region (2024-2029) & (K Units)

Table 8. World Negative Achromatic Lens Production Market Share by Region (2018-2023)

Table 9. World Negative Achromatic Lens Production Market Share by Region (2024-2029)

Table 10. World Negative Achromatic Lens Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Negative Achromatic Lens Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Negative Achromatic Lens Major Market Trends

Table 13. World Negative Achromatic Lens Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Negative Achromatic Lens Consumption by Region (2018-2023) & (K Units)

Table 15. World Negative Achromatic Lens Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Negative Achromatic Lens Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Negative Achromatic Lens Producers in 2022

Table 18. World Negative Achromatic Lens Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Negative Achromatic Lens Producers in 2022

Table 20. World Negative Achromatic Lens Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Negative Achromatic Lens Company Evaluation Quadrant

Table 22. World Negative Achromatic Lens Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Negative Achromatic Lens Production Site of Key Manufacturer

Table 24. Negative Achromatic Lens Market: Company Product Type Footprint

Table 25. Negative Achromatic Lens Market: Company Product Application Footprint

Table 26. Negative Achromatic Lens Competitive Factors

Table 27. Negative Achromatic Lens New Entrant and Capacity Expansion Plans

Table 28. Negative Achromatic Lens Mergers & Acquisitions Activity

Table 29. United States VS China Negative Achromatic Lens Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Negative Achromatic Lens Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Negative Achromatic Lens Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Negative Achromatic Lens Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Negative Achromatic Lens Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Negative Achromatic Lens Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Negative Achromatic Lens Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Negative Achromatic Lens Production Market Share (2018-2023)

Table 37. China Based Negative Achromatic Lens Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Negative Achromatic Lens Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Negative Achromatic Lens Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Negative Achromatic Lens Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Negative Achromatic Lens Production Market Share (2018-2023)

Table 42. Rest of World Based Negative Achromatic Lens Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Negative Achromatic Lens Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Negative Achromatic Lens Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Negative Achromatic Lens Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Negative Achromatic Lens Production Market Share (2018-2023)

Table 47. World Negative Achromatic Lens Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Negative Achromatic Lens Production by Type (2018-2023) & (K Units)

Table 49. World Negative Achromatic Lens Production by Type (2024-2029) & (K Units)

Table 50. World Negative Achromatic Lens Production Value by Type (2018-2023) & (USD Million)

Table 51. World Negative Achromatic Lens Production Value by Type (2024-2029) & (USD Million)

Table 52. World Negative Achromatic Lens Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Negative Achromatic Lens Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Negative Achromatic Lens Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Negative Achromatic Lens Production by Application (2018-2023) & (K Units)

Table 56. World Negative Achromatic Lens Production by Application (2024-2029) & (K Units)

Table 57. World Negative Achromatic Lens Production Value by Application (2018-2023) & (USD Million)

Table 58. World Negative Achromatic Lens Production Value by Application (2024-2029) & (USD Million)

Table 59. World Negative Achromatic Lens Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Negative Achromatic Lens Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Applied Physical Sciences Corp. Basic Information, Manufacturing Base and Competitors

Table 62. Applied Physical Sciences Corp. Major Business

Table 63. Applied Physical Sciences Corp. Negative Achromatic Lens Product and Services

Table 64. Applied Physical Sciences Corp. Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Applied Physical Sciences Corp. Recent Developments/Updates

Table 66. Applied Physical Sciences Corp. Competitive Strengths & Weaknesses

Table 67. Asahi Glass Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 68. Asahi Glass Co., Ltd. Major Business

Table 69. Asahi Glass Co., Ltd. Negative Achromatic Lens Product and Services

Table 70. Asahi Glass Co., Ltd. Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Asahi Glass Co., Ltd. Recent Developments/Updates

Table 72. Asahi Glass Co., Ltd. Competitive Strengths & Weaknesses

Table 73. Bose Corporation Basic Information, Manufacturing Base and Competitors

Table 74. Bose Corporation Major Business

Table 75. Bose Corporation Negative Achromatic Lens Product and Services

Table 76. Bose Corporation Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Bose Corporation Recent Developments/Updates

Table 78. Bose Corporation Competitive Strengths & Weaknesses

Table 79. Canon Inc. Basic Information, Manufacturing Base and Competitors

Table 80. Canon Inc. Major Business

Table 81. Canon Inc. Negative Achromatic Lens Product and Services

Table 82. Canon Inc. Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Canon Inc. Recent Developments/Updates

Table 84. Canon Inc. Competitive Strengths & Weaknesses

Table 85. Continental AG Basic Information, Manufacturing Base and Competitors

Table 86. Continental AG Major Business

Table 87. Continental AG Negative Achromatic Lens Product and Services

Table 88. Continental AG Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Continental AG Recent Developments/Updates

Table 90. Continental AG Competitive Strengths & Weaknesses

Table 91. DAP Technologies Basic Information, Manufacturing Base and Competitors

Table 92. DAP Technologies Major Business

Table 93. DAP Technologies Negative Achromatic Lens Product and Services

Table 94. DAP Technologies Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. DAP Technologies Recent Developments/Updates

Table 96. DAP Technologies Competitive Strengths & Weaknesses

Table 97. Fraunhofer Institute for Integrated Circuits IIS Basic Information, Manufacturing Base and Competitors

Table 98. Fraunhofer Institute for Integrated Circuits IIS Major Business

Table 99. Fraunhofer Institute for Integrated Circuits IIS Negative Achromatic Lens Product and Services

Table 100. Fraunhofer Institute for Integrated Circuits IIS Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Fraunhofer Institute for Integrated Circuits IIS Recent Developments/Updates

Table 102. Fraunhofer Institute for Integrated Circuits IIS Competitive Strengths & Weaknesses

Table 103. General Dynamics Mission Systems Basic Information, Manufacturing Base and Competitors

Table 104. General Dynamics Mission Systems Major Business

Table 105. General Dynamics Mission Systems Negative Achromatic Lens Product and Services

Table 106. General Dynamics Mission Systems Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. General Dynamics Mission Systems Recent Developments/Updates

Table 108. General Dynamics Mission Systems Competitive Strengths & Weaknesses

Table 109. Harris Corporation Basic Information, Manufacturing Base and Competitors

Table 110. Harris Corporation Major Business

Table 111. Harris Corporation Negative Achromatic Lens Product and Services

Table 112. Harris Corporation Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Harris Corporation Recent Developments/Updates

Table 114. Harris Corporation Competitive Strengths & Weaknesses

Table 115. HCL Technologies Ltd. Basic Information, Manufacturing Base and Competitors

Table 116. HCL Technologies Ltd. Major Business

Table 117. HCL Technologies Ltd. Negative Achromatic Lens Product and Services

Table 118. HCL Technologies Ltd. Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. HCL Technologies Ltd. Recent Developments/Updates

Table 120. HCL Technologies Ltd. Competitive Strengths & Weaknesses

Table 121. Hella KGaA Hueck & Co. Basic Information, Manufacturing Base and Competitors

Table 122. Hella KGaA Hueck & Co. Major Business

Table 123. Hella KGaA Hueck & Co. Negative Achromatic Lens Product and Services

Table 124. Hella KGaA Hueck & Co. Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Hella KGaA Hueck & Co. Recent Developments/Updates

Table 126. Hella KGaA Hueck & Co. Competitive Strengths & Weaknesses

Table 127. InvenSense Inc. Basic Information, Manufacturing Base and Competitors

Table 128. InvenSense Inc. Major Business

Table 129. InvenSense Inc. Negative Achromatic Lens Product and Services

Table 130. InvenSense Inc. Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. InvenSense Inc. Recent Developments/Updates

Table 132. InvenSense Inc. Competitive Strengths & Weaknesses

Table 133. LG Electronics Inc. Basic Information, Manufacturing Base and Competitors

Table 134. LG Electronics Inc. Major Business

Table 135. LG Electronics Inc. Negative Achromatic Lens Product and Services

Table 136. LG Electronics Inc. Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. LG Electronics Inc. Recent Developments/Updates

Table 138. LG Electronics Inc. Competitive Strengths & Weaknesses

Table 139. Murata Manufacturing Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 140. Murata Manufacturing Co., Ltd. Major Business

Table 141. Murata Manufacturing Co., Ltd. Negative Achromatic Lens Product and Services

Table 142. Murata Manufacturing Co., Ltd. Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market

Share (2018-2023)

Table 143. Murata Manufacturing Co., Ltd. Recent Developments/Updates

Table 144. Murata Manufacturing Co., Ltd. Competitive Strengths & Weaknesses

Table 145. NEC Corporation Basic Information, Manufacturing Base and Competitors

Table 146. NEC Corporation Major Business

Table 147. NEC Corporation Negative Achromatic Lens Product and Services

Table 148. NEC Corporation Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. NEC Corporation Recent Developments/Updates

Table 150. NEC Corporation Competitive Strengths & Weaknesses

Table 151. OMRON Corporation Basic Information, Manufacturing Base and Competitors

Table 152. OMRON Corporation Major Business

Table 153. OMRON Corporation Negative Achromatic Lens Product and Services

Table 154. OMRON Corporation Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. OMRON Corporation Recent Developments/Updates

Table 156. Panasonic Corporation Basic Information, Manufacturing Base and Competitors

Table 157. Panasonic Corporation Major Business

Table 158. Panasonic Corporation Negative Achromatic Lens Product and Services

Table 159. Panasonic Corporation Negative Achromatic Lens Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 160. Global Key Players of Negative Achromatic Lens Upstream (Raw Materials)

Table 161. Negative Achromatic Lens Typical Customers

Table 162. Negative Achromatic Lens Typical Distributors

List of Figure

Figure 1. Negative Achromatic Lens Picture

Figure 2. World Negative Achromatic Lens Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Negative Achromatic Lens Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Negative Achromatic Lens Production (2018-2029) & (K Units)

Figure 5. World Negative Achromatic Lens Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Negative Achromatic Lens Production Value Market Share by Region (2018-2029)

Figure 7. World Negative Achromatic Lens Production Market Share by Region (2018-2029)

Figure 8. North America Negative Achromatic Lens Production (2018-2029) & (K Units)

Figure 9. Europe Negative Achromatic Lens Production (2018-2029) & (K Units)

Figure 10. China Negative Achromatic Lens Production (2018-2029) & (K Units)

Figure 11. Japan Negative Achromatic Lens Production (2018-2029) & (K Units)

Figure 12. South Korea Negative Achromatic Lens Production (2018-2029) & (K Units)

Figure 13. Negative Achromatic Lens Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Negative Achromatic Lens Consumption (2018-2029) & (K Units)

Figure 16. World Negative Achromatic Lens Consumption Market Share by Region (2018-2029)

Figure 17. United States Negative Achromatic Lens Consumption (2018-2029) & (K Units)

Figure 18. China Negative Achromatic Lens Consumption (2018-2029) & (K Units)

Figure 19. Europe Negative Achromatic Lens Consumption (2018-2029) & (K Units)

Figure 20. Japan Negative Achromatic Lens Consumption (2018-2029) & (K Units)

Figure 21. South Korea Negative Achromatic Lens Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Negative Achromatic Lens Consumption (2018-2029) & (K Units)

Figure 23. India Negative Achromatic Lens Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Negative Achromatic Lens by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Negative Achromatic Lens Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Negative Achromatic Lens Markets in 2022

Figure 27. United States VS China: Negative Achromatic Lens Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Negative Achromatic Lens Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Negative Achromatic Lens Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Negative Achromatic Lens Production Market Share 2022

Figure 31. China Based Manufacturers Negative Achromatic Lens Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Negative Achromatic Lens Production Market Share 2022

Figure 33. World Negative Achromatic Lens Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Negative Achromatic Lens Production Value Market Share by Type in 2022

Figure 35. Biconvex Negative Achromatic Lenses

Figure 36. Biconcave Negative Achromatic Lenses

Figure 37. World Negative Achromatic Lens Production Market Share by Type (2018-2029)

Figure 38. World Negative Achromatic Lens Production Value Market Share by Type (2018-2029)

Figure 39. World Negative Achromatic Lens Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Negative Achromatic Lens Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Negative Achromatic Lens Production Value Market Share by Application in 2022

Figure 42. Optical Instruments

Figure 43. Laser System

Figure 44. World Negative Achromatic Lens Production Market Share by Application (2018-2029)

Figure 45. World Negative Achromatic Lens Production Value Market Share by Application (2018-2029)

Figure 46. World Negative Achromatic Lens Average Price by Application (2018-2029) & (US\$/Unit)

Figure 47. Negative Achromatic Lens Industry Chain

Figure 48. Negative Achromatic Lens Procurement Model

Figure 49. Negative Achromatic Lens Sales Model

Figure 50. Negative Achromatic Lens Sales Channels, Direct Sales, and Distribution

Figure 51. Methodology

Figure 52. Research Process and Data Source

I would like to order

Product name: Global Negative Achromatic Lens Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GB04CDEB23CFEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB04CDEB23CFEN.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