

# Vehicle Optical Lens Industry Research Report 2023

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## Abstracts

Vehicle optical lens is a lens specially designed for automotive applications.

With the improvement of automotive intelligence, the demand for automotive lenses will grow rapidly: Vision applications are believed to achieve the next important comfort and safety function in the process of autonomous driving. In addition, it has become a standard for autonomous driving and ADAS applications, supporting sensor fusion technology. This technology combines and processes information collected from on-board cameras and radars to identify the environment around the car. It is expected that all cars will be equipped with a 360-degree surround view system. In addition, rearview mirrors will be replaced by on-board cameras, and autonomous driving will require drivers to monitor to improve safety. Electronic rearview mirrors based on vehicle cameras will realize object detection, viewing angle modification and zoom functions.

## Highlights

The global Vehicle Optical Lens market is projected to reach US\$ million by 2029 from an estimated US\$ million in 2022, at a CAGR of % during 2023 and 2029.

The major players in global Vehicle Optical Lens market include Sunny Optical, Hitachi Maxell, Sekonix, Nidec Sankyo, Ricoh, etc. The top 5 players occupy about 60% shares of the global market. China and North America are main markets, they occupy over 50% of the global market. Rear or Surround View Lens is the main type, with a share over 40%. Passenger Car is the main application, which holds a share about 75%.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Vehicle Optical Lens, with both quantitative and qualitative analysis, to help readers

develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Vehicle Optical Lens.

The Vehicle Optical Lens market size, estimations, and forecasts are provided in terms of output/shipments (K Units) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Vehicle Optical Lens market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Vehicle Optical Lens manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2018-2023. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Sunny Optical

Hitachi Maxell

Sekonix

Nidec Sankyo

Ricoh

Shinwa

Largan Precision

Lianchuang Electronic Technology Co., Ltd

Sunex

Ofilm

Genius Electronic Optical

Zhejiang Quartz Crystal Optoelectronic

Union Optech

Ningbo Yongxin Optics

Fujian Forecam Optics

Phenix Optical

Calin Technology

Asia Optical

## Product Type Insights

Global markets are presented by Vehicle Optical Lens type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the Vehicle Optical Lens are procured by the manufacturers.

This report has studied every segment and provided the market size using historical

data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

#### Vehicle Optical Lens segment by Type

Front View Lens

Rear or Surround View Lens

Interior Vision Lens

Others

#### Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Vehicle Optical Lens market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Vehicle Optical Lens market.

#### Vehicle Optical Lens segment by Application

Passenger Car

Commercial Vehicle

#### Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

## North America

United States

Canada

## Europe

Germany

France

U.K.

Italy

Russia

## Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Vehicle Optical Lens market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

## Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Vehicle Optical Lens market,

and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Vehicle Optical Lens and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Vehicle Optical Lens industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Vehicle Optical Lens.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Vehicle Optical Lens manufacturers competitive

landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Vehicle Optical Lens by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Vehicle Optical Lens in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.



## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Vehicle Optical Lens by Type
  - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
    - 1.2.2 Front View Lens
    - 1.2.3 Rear or Surround View Lens
    - 1.2.4 Interior Vision Lens
    - 1.2.5 Others
- 2.3 Vehicle Optical Lens by Application
  - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)
  - 2.3.2 Passenger Car
  - 2.3.3 Commercial Vehicle
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Vehicle Optical Lens Production Value Estimates and Forecasts (2018-2029)
  - 2.4.2 Global Vehicle Optical Lens Production Capacity Estimates and Forecasts (2018-2029)
  - 2.4.3 Global Vehicle Optical Lens Production Estimates and Forecasts (2018-2029)
  - 2.4.4 Global Vehicle Optical Lens Market Average Price (2018-2029)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Vehicle Optical Lens Production by Manufacturers (2018-2023)
- 3.2 Global Vehicle Optical Lens Production Value by Manufacturers (2018-2023)
- 3.3 Global Vehicle Optical Lens Average Price by Manufacturers (2018-2023)

3.4 Global Vehicle Optical Lens Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

3.5 Global Vehicle Optical Lens Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global Vehicle Optical Lens Manufacturers, Product Type & Application

3.7 Global Vehicle Optical Lens Manufacturers, Date of Enter into This Industry

3.8 Global Vehicle Optical Lens Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

### 4.1 Sunny Optical

4.1.1 Sunny Optical Vehicle Optical Lens Company Information

4.1.2 Sunny Optical Vehicle Optical Lens Business Overview

4.1.3 Sunny Optical Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)

4.1.4 Sunny Optical Product Portfolio

4.1.5 Sunny Optical Recent Developments

### 4.2 Hitachi Maxell

4.2.1 Hitachi Maxell Vehicle Optical Lens Company Information

4.2.2 Hitachi Maxell Vehicle Optical Lens Business Overview

4.2.3 Hitachi Maxell Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)

4.2.4 Hitachi Maxell Product Portfolio

4.2.5 Hitachi Maxell Recent Developments

### 4.3 Sekonix

4.3.1 Sekonix Vehicle Optical Lens Company Information

4.3.2 Sekonix Vehicle Optical Lens Business Overview

4.3.3 Sekonix Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)

4.3.4 Sekonix Product Portfolio

4.3.5 Sekonix Recent Developments

### 4.4 Nidec Sankyo

4.4.1 Nidec Sankyo Vehicle Optical Lens Company Information

4.4.2 Nidec Sankyo Vehicle Optical Lens Business Overview

4.4.3 Nidec Sankyo Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)

4.4.4 Nidec Sankyo Product Portfolio

4.4.5 Nidec Sankyo Recent Developments

### 4.5 Ricoh

- 4.5.1 Ricoh Vehicle Optical Lens Company Information
- 4.5.2 Ricoh Vehicle Optical Lens Business Overview
- 4.5.3 Ricoh Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)
- 4.5.4 Ricoh Product Portfolio
- 4.5.5 Ricoh Recent Developments
- 4.6 Shinwa
  - 4.6.1 Shinwa Vehicle Optical Lens Company Information
  - 4.6.2 Shinwa Vehicle Optical Lens Business Overview
  - 4.6.3 Shinwa Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)
  - 4.6.4 Shinwa Product Portfolio
  - 4.6.5 Shinwa Recent Developments
- 4.7 Largan Precision
  - 4.7.1 Largan Precision Vehicle Optical Lens Company Information
  - 4.7.2 Largan Precision Vehicle Optical Lens Business Overview
  - 4.7.3 Largan Precision Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)
  - 4.7.4 Largan Precision Product Portfolio
  - 4.7.5 Largan Precision Recent Developments
- 4.8 Lianchuang Electronic Technology Co., Ltd
  - 4.8.1 Lianchuang Electronic Technology Co., Ltd Vehicle Optical Lens Company Information
  - 4.8.2 Lianchuang Electronic Technology Co., Ltd Vehicle Optical Lens Business Overview
  - 4.8.3 Lianchuang Electronic Technology Co., Ltd Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)
  - 4.8.4 Lianchuang Electronic Technology Co., Ltd Product Portfolio
  - 4.8.5 Lianchuang Electronic Technology Co., Ltd Recent Developments
- 4.9 Sunex
  - 4.9.1 Sunex Vehicle Optical Lens Company Information
  - 4.9.2 Sunex Vehicle Optical Lens Business Overview
  - 4.9.3 Sunex Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)
  - 4.9.4 Sunex Product Portfolio
  - 4.9.5 Sunex Recent Developments
- 4.10 Ofilm
  - 4.10.1 Ofilm Vehicle Optical Lens Company Information
  - 4.10.2 Ofilm Vehicle Optical Lens Business Overview
  - 4.10.3 Ofilm Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)
  - 4.10.4 Ofilm Product Portfolio
  - 4.10.5 Ofilm Recent Developments

## 7.11 Genius Electronic Optical

7.11.1 Genius Electronic Optical Vehicle Optical Lens Company Information

7.11.2 Genius Electronic Optical Vehicle Optical Lens Business Overview

4.11.3 Genius Electronic Optical Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)

7.11.4 Genius Electronic Optical Product Portfolio

7.11.5 Genius Electronic Optical Recent Developments

## 7.12 Zhejiang Quartz Crystal Optoelectronic

7.12.1 Zhejiang Quartz Crystal Optoelectronic Vehicle Optical Lens Company Information

7.12.2 Zhejiang Quartz Crystal Optoelectronic Vehicle Optical Lens Business Overview

7.12.3 Zhejiang Quartz Crystal Optoelectronic Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)

7.12.4 Zhejiang Quartz Crystal Optoelectronic Product Portfolio

7.12.5 Zhejiang Quartz Crystal Optoelectronic Recent Developments

## 7.13 Union Optech

7.13.1 Union Optech Vehicle Optical Lens Company Information

7.13.2 Union Optech Vehicle Optical Lens Business Overview

7.13.3 Union Optech Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)

7.13.4 Union Optech Product Portfolio

7.13.5 Union Optech Recent Developments

## 7.14 Ningbo Yongxin Optics

7.14.1 Ningbo Yongxin Optics Vehicle Optical Lens Company Information

7.14.2 Ningbo Yongxin Optics Vehicle Optical Lens Business Overview

7.14.3 Ningbo Yongxin Optics Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)

7.14.4 Ningbo Yongxin Optics Product Portfolio

7.14.5 Ningbo Yongxin Optics Recent Developments

## 7.15 Fujian Forecam Optics

7.15.1 Fujian Forecam Optics Vehicle Optical Lens Company Information

7.15.2 Fujian Forecam Optics Vehicle Optical Lens Business Overview

7.15.3 Fujian Forecam Optics Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)

7.15.4 Fujian Forecam Optics Product Portfolio

7.15.5 Fujian Forecam Optics Recent Developments

## 7.16 Phenix Optical

7.16.1 Phenix Optical Vehicle Optical Lens Company Information

- 7.16.2 Phenix Optical Vehicle Optical Lens Business Overview
- 7.16.3 Phenix Optical Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)
  - 7.16.4 Phenix Optical Product Portfolio
  - 7.16.5 Phenix Optical Recent Developments
- 7.17 Calin Technology
  - 7.17.1 Calin Technology Vehicle Optical Lens Company Information
  - 7.17.2 Calin Technology Vehicle Optical Lens Business Overview
  - 7.17.3 Calin Technology Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)
    - 7.17.4 Calin Technology Product Portfolio
    - 7.17.5 Calin Technology Recent Developments
- 7.18 Asia Optical
  - 7.18.1 Asia Optical Vehicle Optical Lens Company Information
  - 7.18.2 Asia Optical Vehicle Optical Lens Business Overview
  - 7.18.3 Asia Optical Vehicle Optical Lens Production, Value and Gross Margin (2018-2023)
    - 7.18.4 Asia Optical Product Portfolio
    - 7.18.5 Asia Optical Recent Developments

## **5 GLOBAL VEHICLE OPTICAL LENS PRODUCTION BY REGION**

- 5.1 Global Vehicle Optical Lens Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 5.2 Global Vehicle Optical Lens Production by Region: 2018-2029
  - 5.2.1 Global Vehicle Optical Lens Production by Region: 2018-2023
  - 5.2.2 Global Vehicle Optical Lens Production Forecast by Region (2024-2029)
- 5.3 Global Vehicle Optical Lens Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 5.4 Global Vehicle Optical Lens Production Value by Region: 2018-2029
  - 5.4.1 Global Vehicle Optical Lens Production Value by Region: 2018-2023
  - 5.4.2 Global Vehicle Optical Lens Production Value Forecast by Region (2024-2029)
- 5.5 Global Vehicle Optical Lens Market Price Analysis by Region (2018-2023)
- 5.6 Global Vehicle Optical Lens Production and Value, YOY Growth
  - 5.6.1 North America Vehicle Optical Lens Production Value Estimates and Forecasts (2018-2029)
  - 5.6.2 Europe Vehicle Optical Lens Production Value Estimates and Forecasts (2018-2029)
  - 5.6.3 China Vehicle Optical Lens Production Value Estimates and Forecasts

(2018-2029)

5.6.4 Japan Vehicle Optical Lens Production Value Estimates and Forecasts

(2018-2029)

5.6.5 South Korea Vehicle Optical Lens Production Value Estimates and Forecasts

(2018-2029)

5.6.6 India Vehicle Optical Lens Production Value Estimates and Forecasts

(2018-2029)

## **6 GLOBAL VEHICLE OPTICAL LENS CONSUMPTION BY REGION**

6.1 Global Vehicle Optical Lens Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

6.2 Global Vehicle Optical Lens Consumption by Region (2018-2029)

6.2.1 Global Vehicle Optical Lens Consumption by Region: 2018-2029

6.2.2 Global Vehicle Optical Lens Forecasted Consumption by Region (2024-2029)

6.3 North America

6.3.1 North America Vehicle Optical Lens Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.3.2 North America Vehicle Optical Lens Consumption by Country (2018-2029)

6.3.3 United States

6.3.4 Canada

6.4 Europe

6.4.1 Europe Vehicle Optical Lens Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.4.2 Europe Vehicle Optical Lens Consumption by Country (2018-2029)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Vehicle Optical Lens Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.5.2 Asia Pacific Vehicle Optical Lens Consumption by Country (2018-2029)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia



6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Vehicle Optical Lens Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.6.2 Latin America, Middle East & Africa Vehicle Optical Lens Consumption by Country (2018-2029)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

## **7 SEGMENT BY TYPE**

7.1 Global Vehicle Optical Lens Production by Type (2018-2029)

7.1.1 Global Vehicle Optical Lens Production by Type (2018-2029) & (K Units)

7.1.2 Global Vehicle Optical Lens Production Market Share by Type (2018-2029)

7.2 Global Vehicle Optical Lens Production Value by Type (2018-2029)

7.2.1 Global Vehicle Optical Lens Production Value by Type (2018-2029) & (US\$ Million)

7.2.2 Global Vehicle Optical Lens Production Value Market Share by Type (2018-2029)

7.3 Global Vehicle Optical Lens Price by Type (2018-2029)

## **8 SEGMENT BY APPLICATION**

8.1 Global Vehicle Optical Lens Production by Application (2018-2029)

8.1.1 Global Vehicle Optical Lens Production by Application (2018-2029) & (K Units)

8.1.2 Global Vehicle Optical Lens Production by Application (2018-2029) & (K Units)

8.2 Global Vehicle Optical Lens Production Value by Application (2018-2029)

8.2.1 Global Vehicle Optical Lens Production Value by Application (2018-2029) & (US\$ Million)

8.2.2 Global Vehicle Optical Lens Production Value Market Share by Application (2018-2029)

8.3 Global Vehicle Optical Lens Price by Application (2018-2029)

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET**

9.1 Vehicle Optical Lens Value Chain Analysis

- 9.1.1 Vehicle Optical Lens Key Raw Materials
- 9.1.2 Raw Materials Key Suppliers
- 9.1.3 Vehicle Optical Lens Production Mode & Process
- 9.2 Vehicle Optical Lens Sales Channels Analysis
  - 9.2.1 Direct Comparison with Distribution Share
  - 9.2.2 Vehicle Optical Lens Distributors
  - 9.2.3 Vehicle Optical Lens Customers

## **10 GLOBAL VEHICLE OPTICAL LENS ANALYZING MARKET DYNAMICS**

- 10.1 Vehicle Optical Lens Industry Trends
- 10.2 Vehicle Optical Lens Industry Drivers
- 10.3 Vehicle Optical Lens Industry Opportunities and Challenges
- 10.4 Vehicle Optical Lens Industry Restraints

## **11 REPORT CONCLUSION**

## **12 DISCLAIMER**



## List Of Tables

### LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global Vehicle Optical Lens Production by Manufacturers (K Units) & (2018-2023)

Table 6. Global Vehicle Optical Lens Production Market Share by Manufacturers

Table 7. Global Vehicle Optical Lens Production Value by Manufacturers (US\$ Million) & (2018-2023)

Table 8. Global Vehicle Optical Lens Production Value Market Share by Manufacturers (2018-2023)

Table 9. Global Vehicle Optical Lens Average Price (US\$/Unit) of Key Manufacturers (2018-2023)

Table 10. Global Vehicle Optical Lens Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

Table 11. Global Vehicle Optical Lens Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global Vehicle Optical Lens by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2022)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. Sunny Optical Vehicle Optical Lens Company Information

Table 16. Sunny Optical Business Overview

Table 17. Sunny Optical Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 18. Sunny Optical Product Portfolio

Table 19. Sunny Optical Recent Developments

Table 20. Hitachi Maxell Vehicle Optical Lens Company Information

Table 21. Hitachi Maxell Business Overview

Table 22. Hitachi Maxell Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 23. Hitachi Maxell Product Portfolio

Table 24. Hitachi Maxell Recent Developments

Table 25. Sekonix Vehicle Optical Lens Company Information

Table 26. Sekonix Business Overview

Table 27. Sekonix Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 28. Sekonix Product Portfolio

Table 29. Sekonix Recent Developments

Table 30. Nidec Sankyo Vehicle Optical Lens Company Information

Table 31. Nidec Sankyo Business Overview

Table 32. Nidec Sankyo Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 33. Nidec Sankyo Product Portfolio

Table 34. Nidec Sankyo Recent Developments

Table 35. Ricoh Vehicle Optical Lens Company Information

Table 36. Ricoh Business Overview

Table 37. Ricoh Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 38. Ricoh Product Portfolio

Table 39. Ricoh Recent Developments

Table 40. Shinwa Vehicle Optical Lens Company Information

Table 41. Shinwa Business Overview

Table 42. Shinwa Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 43. Shinwa Product Portfolio

Table 44. Shinwa Recent Developments

Table 45. Largan Precision Vehicle Optical Lens Company Information

Table 46. Largan Precision Business Overview

Table 47. Largan Precision Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 48. Largan Precision Product Portfolio

Table 49. Largan Precision Recent Developments

Table 50. Lianchuang Electronic Technology Co., Ltd Vehicle Optical Lens Company Information

Table 51. Lianchuang Electronic Technology Co., Ltd Business Overview

Table 52. Lianchuang Electronic Technology Co., Ltd Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 53. Lianchuang Electronic Technology Co., Ltd Product Portfolio

Table 54. Lianchuang Electronic Technology Co., Ltd Recent Developments

Table 55. Sunex Vehicle Optical Lens Company Information

Table 56. Sunex Business Overview

Table 57. Sunex Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

- Table 58. Sunex Product Portfolio
- Table 59. Sunex Recent Developments
- Table 60. Ofilm Vehicle Optical Lens Company Information
- Table 61. Ofilm Business Overview
- Table 62. Ofilm Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 63. Ofilm Product Portfolio
- Table 64. Ofilm Recent Developments
- Table 65. Genius Electronic Optical Vehicle Optical Lens Company Information
- Table 66. Genius Electronic Optical Business Overview
- Table 67. Genius Electronic Optical Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 68. Genius Electronic Optical Product Portfolio
- Table 69. Genius Electronic Optical Recent Developments
- Table 70. Zhejiang Quartz Crystal Optoelectronic Vehicle Optical Lens Company Information
- Table 71. Zhejiang Quartz Crystal Optoelectronic Business Overview
- Table 72. Zhejiang Quartz Crystal Optoelectronic Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 73. Zhejiang Quartz Crystal Optoelectronic Product Portfolio
- Table 74. Zhejiang Quartz Crystal Optoelectronic Recent Developments
- Table 75. Union Optech Vehicle Optical Lens Company Information
- Table 76. Union Optech Business Overview
- Table 77. Union Optech Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 78. Union Optech Product Portfolio
- Table 79. Union Optech Recent Developments
- Table 80. Ningbo Yongxin Optics Vehicle Optical Lens Company Information
- Table 81. Ningbo Yongxin Optics Business Overview
- Table 82. Ningbo Yongxin Optics Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 83. Ningbo Yongxin Optics Product Portfolio
- Table 84. Ningbo Yongxin Optics Recent Developments
- Table 85. Ningbo Yongxin Optics Vehicle Optical Lens Company Information
- Table 86. Fujian Forecam Optics Business Overview
- Table 87. Fujian Forecam Optics Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 88. Fujian Forecam Optics Product Portfolio
- Table 89. Fujian Forecam Optics Recent Developments

- Table 90. Phenix Optical Vehicle Optical Lens Company Information
- Table 91. Phenix Optical Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 92. Phenix Optical Product Portfolio
- Table 93. Phenix Optical Recent Developments
- Table 94. Calin Technology Vehicle Optical Lens Company Information
- Table 95. Calin Technology Business Overview
- Table 96. Calin Technology Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 97. Calin Technology Product Portfolio
- Table 98. Calin Technology Recent Developments
- Table 99. Asia Optical Vehicle Optical Lens Company Information
- Table 100. Asia Optical Business Overview
- Table 101. Asia Optical Vehicle Optical Lens Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 102. Asia Optical Product Portfolio
- Table 103. Asia Optical Recent Developments
- Table 104. Global Vehicle Optical Lens Production Comparison by Region: 2018 VS 2022 VS 2029 (K Units)
- Table 105. Global Vehicle Optical Lens Production by Region (2018-2023) & (K Units)
- Table 106. Global Vehicle Optical Lens Production Market Share by Region (2018-2023)
- Table 107. Global Vehicle Optical Lens Production Forecast by Region (2024-2029) & (K Units)
- Table 108. Global Vehicle Optical Lens Production Market Share Forecast by Region (2024-2029)
- Table 109. Global Vehicle Optical Lens Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 110. Global Vehicle Optical Lens Production Value by Region (2018-2023) & (US\$ Million)
- Table 111. Global Vehicle Optical Lens Production Value Market Share by Region (2018-2023)
- Table 112. Global Vehicle Optical Lens Production Value Forecast by Region (2024-2029) & (US\$ Million)
- Table 113. Global Vehicle Optical Lens Production Value Market Share Forecast by Region (2024-2029)
- Table 114. Global Vehicle Optical Lens Market Average Price (US\$/Unit) by Region (2018-2023)
- Table 115. Global Vehicle Optical Lens Consumption Comparison by Region: 2018 VS

2022 VS 2029 (K Units)

Table 116. Global Vehicle Optical Lens Consumption by Region (2018-2023) & (K Units)

Table 117. Global Vehicle Optical Lens Consumption Market Share by Region (2018-2023)

Table 118. Global Vehicle Optical Lens Forecasted Consumption by Region (2024-2029) & (K Units)

Table 119. Global Vehicle Optical Lens Forecasted Consumption Market Share by Region (2024-2029)

Table 120. North America Vehicle Optical Lens Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 121. North America Vehicle Optical Lens Consumption by Country (2018-2023) & (K Units)

Table 122. North America Vehicle Optical Lens Consumption by Country (2024-2029) & (K Units)

Table 123. Europe Vehicle Optical Lens Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 124. Europe Vehicle Optical Lens Consumption by Country (2018-2023) & (K Units)

Table 125. Europe Vehicle Optical Lens Consumption by Country (2024-2029) & (K Units)

Table 126. Asia Pacific Vehicle Optical Lens Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 127. Asia Pacific Vehicle Optical Lens Consumption by Country (2018-2023) & (K Units)

Table 128. Asia Pacific Vehicle Optical Lens Consumption by Country (2024-2029) & (K Units)

Table 129. Latin America, Middle East & Africa Vehicle Optical Lens Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 130. Latin America, Middle East & Africa Vehicle Optical Lens Consumption by Country (2018-2023) & (K Units)

Table 131. Latin America, Middle East & Africa Vehicle Optical Lens Consumption by Country (2024-2029) & (K Units)

Table 132. Global Vehicle Optical Lens Production by Type (2018-2023) & (K Units)

Table 133. Global Vehicle Optical Lens Production by Type (2024-2029) & (K Units)

Table 134. Global Vehicle Optical Lens Production Market Share by Type (2018-2023)

Table 135. Global Vehicle Optical Lens Production Market Share by Type (2024-2029)

Table 136. Global Vehicle Optical Lens Production Value by Type (2018-2023) & (US\$ Million)



Table 137. Global Vehicle Optical Lens Production Value by Type (2024-2029) & (US\$ Million)

Table 138. Global Vehicle Optical Lens Production Value Market Share by Type (2018-2023)

Table 139. Global Vehicle Optical Lens Production Value Market Share by Type (2024-2029)

Table 140. Global Vehicle Optical Lens Price by Type (2018-2023) & (US\$/Unit)

Table 141. Global Vehicle Optical Lens Price by Type (2024-2029) & (US\$/Unit)

Table 142. Global Vehicle Optical Lens Production by Application (2018-2023) & (K Units)

Table 143. Global Vehicle Optical Lens Production by Application (2024-2029) & (K Units)

Table 144. Global Vehicle Optical Lens Production Market Share by Application (2018-2023)

Table 145. Global Vehicle Optical Lens Production Market Share by Application (2024-2029)

Table 146. Global Vehicle Optical Lens Production Value by Application (2018-2023) & (US\$ Million)

Table 147. Global Vehicle Optical Lens Production Value by Application (2024-2029) & (US\$ Million)

Table 148. Global Vehicle Optical Lens Production Value Market Share by Application (2018-2023)

Table 149. Global Vehicle Optical Lens Production Value Market Share by Application (2024-2029)

Table 150. Global Vehicle Optical Lens Price by Application (2018-2023) & (US\$/Unit)

Table 151. Global Vehicle Optical Lens Price by Application (2024-2029) & (US\$/Unit)

Table 152. Key Raw Materials

Table 153. Raw Materials Key Suppliers

Table 154. Vehicle Optical Lens Distributors List

Table 155. Vehicle Optical Lens Customers List

Table 156. Vehicle Optical Lens Industry Trends

Table 157. Vehicle Optical Lens Industry Drivers

Table 158. Vehicle Optical Lens Industry Restraints

Table 159. Authors List of This Report

## List Of Figures

### LIST OF FIGURES

Figure 1. Research Methodology

Figure 2. Research Process

Figure 3. Key Executives Interviewed

Figure 4. Vehicle Optical Lens Product Picture

Figure 5. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Figure 6. Front View Lens Product Picture

Figure 7. Rear or Surround View Lens Product Picture

Figure 8. Interior Vision Lens Product Picture

Figure 9. Others Product Picture

Figure 10. Passenger Car Product Picture

Figure 11. Commercial Vehicle Product Picture

Figure 12. Global Vehicle Optical Lens Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 13. Global Vehicle Optical Lens Production Value (2018-2029) & (US\$ Million)

Figure 14. Global Vehicle Optical Lens Production Capacity (2018-2029) & (K Units)

Figure 15. Global Vehicle Optical Lens Production (2018-2029) & (K Units)

Figure 16. Global Vehicle Optical Lens Average Price (US\$/Unit) & (2018-2029)

Figure 17. Global Vehicle Optical Lens Key Manufacturers, Manufacturing Sites & Headquarters

Figure 18. Global Vehicle Optical Lens Manufacturers, Date of Enter into This Industry

Figure 19. Global Top 5 and 10 Vehicle Optical Lens Players Market Share by Production Value in 2022

Figure 20. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 21. Global Vehicle Optical Lens Production Comparison by Region: 2018 VS 2022 VS 2029 (K Units)

Figure 22. Global Vehicle Optical Lens Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 23. Global Vehicle Optical Lens Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 24. Global Vehicle Optical Lens Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 25. North America Vehicle Optical Lens Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 26. Europe Vehicle Optical Lens Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 27. China Vehicle Optical Lens Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. Japan Vehicle Optical Lens Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. South Korea Vehicle Optical Lens Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 30. India Vehicle Optical Lens Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 31. Global Vehicle Optical Lens Consumption Comparison by Region: 2018 VS 2022 VS 2029 (K Units)

Figure 32. Global Vehicle Optical Lens Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 33. North America Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 34. North America Vehicle Optical Lens Consumption Market Share by Country (2018-2029)

Figure 35. United States Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 36. Canada Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 37. Europe Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 38. Europe Vehicle Optical Lens Consumption Market Share by Country (2018-2029)

Figure 39. Germany Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 40. France Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 41. U.K. Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 42. Italy Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 43. Netherlands Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 44. Asia Pacific Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 45. Asia Pacific Vehicle Optical Lens Consumption Market Share by Country (2018-2029)

Figure 46. China Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K



Units)

Figure 47. Japan Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 48. South Korea Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 49. China Taiwan Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 50. Southeast Asia Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 51. India Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 52. Australia Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 53. Latin America, Middle East & Africa Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 54. Latin America, Middle East & Africa Vehicle Optical Lens Consumption Market Share by Country (2018-2029)

Figure 55. Mexico Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 56. Brazil Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 57. Turkey Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 58. GCC Countries Vehicle Optical Lens Consumption and Growth Rate (2018-2029) & (K Units)

Figure 59. Global Vehicle Optical Lens Production Market Share by Type (2018-2029)

Figure 60. Global Vehicle Optical Lens Production Value Market Share by Type (2018-2029)

Figure 61. Global Vehicle Optical Lens Price (US\$/Unit) by Type (2018-2029)

Figure 62. Global Vehicle Optical Lens Production Market Share by Application (2018-2029)

Figure 63. Global Vehicle Optical Lens Production Value Market Share by Application (2018-2029)

Figure 64. Global Vehicle Optical Lens Price (US\$/Unit) by Application (2018-2029)

Figure 65. Vehicle Optical Lens Value Chain

Figure 66. Vehicle Optical Lens Production Mode & Process

Figure 67. Direct Comparison with Distribution Share

Figure 68. Distributors Profiles

Figure 69. Vehicle Optical Lens Industry Opportunities and Challenges

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