

# Global Short Wavelength Infra-Red Lenses Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global Short Wavelength Infra-Red Lenses market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

SWIR Lenses are optical lenses that use specific substrates or anti-reflection coatings to maximize performance for applications operating in the SWIR band (0.9-2.5  $\mu\text{m}$  wavelength region) as opposed to common visible-light lenses. SWIR Lenses are designed to collect, focus, or collimate light in the near-infrared, short-wave infrared, mid-wave infrared, or long-wave infrared spectra.

The Global Info Research report includes an overview of the development of the Short Wavelength Infra-Red Lenses industry chain, the market status of Solar Cell Testing (12mm, 25mm), Electronic Component Testing (12mm, 25mm), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Short Wavelength Infra-Red Lenses.

Regionally, the report analyzes the Short Wavelength Infra-Red Lenses 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 Short Wavelength Infra-Red Lenses market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Short Wavelength Infra-Red

Lenses 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 Short Wavelength Infra-Red Lenses 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 (Units), revenue generated, and market share of different by Focal Length (mm) (e.g., 12mm, 25mm).

**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 Short Wavelength Infra-Red Lenses market.

**Regional Analysis:** The report involves examining the Short Wavelength Infra-Red Lenses 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 Short Wavelength Infra-Red Lenses market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Short Wavelength Infra-Red Lenses:

**Company Analysis:** Report covers individual Short Wavelength Infra-Red Lenses 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 Short Wavelength Infra-Red Lenses This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Solar Cell Testing, Electronic Component Testing).

**Technology Analysis:** Report covers specific technologies relevant to Short Wavelength Infra-Red Lenses. It assesses the current state, advancements, and potential future developments in Short Wavelength Infra-Red Lenses areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Short Wavelength Infra-Red Lenses 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

Short Wavelength Infra-Red Lenses market is split by Focal Length (mm) and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Focal Length (mm), and by Application in terms of volume and value.

#### Market segment by Focal Length (mm)

12mm

25mm

50mm

100mm

200mm

#### Market segment by Application

Solar Cell Testing

Electronic Component Testing

Medical Imaging

Others

### Major players covered

Edmund Optics

Navitar, Inc.

Axiom Optics

SWIR Vision Systems

MKS Instruments, Inc.

Beck Optronic Solutions

Hyperion Optics

EHD Imaging GmbH

StingRay Optics

Stemmer Imaging

Shanghai Optics

SEIWA Optical

Resolve Optics Ltd.

VS Technology Corporation

GIDS GmbH

Goodrich Corporation

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 Short Wavelength Infra-Red Lenses product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Short Wavelength Infra-Red Lenses, with price, sales, revenue and global market share of Short Wavelength Infra-Red Lenses from 2018 to 2023.

Chapter 3, the Short Wavelength Infra-Red Lenses competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Short Wavelength Infra-Red Lenses breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Focal Length (mm) and application, with sales market share and growth rate by focal length (mm), application, from 2018 to 2029.

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 2022. and Short Wavelength Infra-Red Lenses market forecast, by regions, focal length (mm) and application, with sales and revenue, from 2024 to 2029.

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 Short Wavelength Infra-Red Lenses.

Chapter 14 and 15, to describe Short Wavelength Infra-Red Lenses sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Short Wavelength Infra-Red Lenses

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Focal Length (mm)

1.3.1 Overview: Global Short Wavelength Infra-Red Lenses Consumption Value by Focal Length (mm): 2018 Versus 2022 Versus 2029

1.3.2 12mm

1.3.3 25mm

1.3.4 50mm

1.3.5 100mm

1.3.6 200mm

1.4 Market Analysis by Application

1.4.1 Overview: Global Short Wavelength Infra-Red Lenses Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Solar Cell Testing

1.4.3 Electronic Component Testing

1.4.4 Medical Imaging

1.4.5 Others

1.5 Global Short Wavelength Infra-Red Lenses Market Size & Forecast

1.5.1 Global Short Wavelength Infra-Red Lenses Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Short Wavelength Infra-Red Lenses Sales Quantity (2018-2029)

1.5.3 Global Short Wavelength Infra-Red Lenses Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

2.1 Edmund Optics

2.1.1 Edmund Optics Details

2.1.2 Edmund Optics Major Business

2.1.3 Edmund Optics Short Wavelength Infra-Red Lenses Product and Services

2.1.4 Edmund Optics Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Edmund Optics Recent Developments/Updates

2.2 Navitar, Inc.

2.2.1 Navitar, Inc. Details

2.2.2 Navitar, Inc. Major Business

- 2.2.3 Navitar, Inc. Short Wavelength Infra-Red Lenses Product and Services
- 2.2.4 Navitar, Inc. Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 Navitar, Inc. Recent Developments/Updates
- 2.3 Axiom Optics
  - 2.3.1 Axiom Optics Details
  - 2.3.2 Axiom Optics Major Business
  - 2.3.3 Axiom Optics Short Wavelength Infra-Red Lenses Product and Services
  - 2.3.4 Axiom Optics Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 Axiom Optics Recent Developments/Updates
- 2.4 SWIR Vision Systems
  - 2.4.1 SWIR Vision Systems Details
  - 2.4.2 SWIR Vision Systems Major Business
  - 2.4.3 SWIR Vision Systems Short Wavelength Infra-Red Lenses Product and Services
  - 2.4.4 SWIR Vision Systems Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 SWIR Vision Systems Recent Developments/Updates
- 2.5 MKS Instruments, Inc.
  - 2.5.1 MKS Instruments, Inc. Details
  - 2.5.2 MKS Instruments, Inc. Major Business
  - 2.5.3 MKS Instruments, Inc. Short Wavelength Infra-Red Lenses Product and Services
  - 2.5.4 MKS Instruments, Inc. Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 MKS Instruments, Inc. Recent Developments/Updates
- 2.6 Beck Optronic Solutions
  - 2.6.1 Beck Optronic Solutions Details
  - 2.6.2 Beck Optronic Solutions Major Business
  - 2.6.3 Beck Optronic Solutions Short Wavelength Infra-Red Lenses Product and Services
  - 2.6.4 Beck Optronic Solutions Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 Beck Optronic Solutions Recent Developments/Updates
- 2.7 Hyperion Optics
  - 2.7.1 Hyperion Optics Details
  - 2.7.2 Hyperion Optics Major Business
  - 2.7.3 Hyperion Optics Short Wavelength Infra-Red Lenses Product and Services
  - 2.7.4 Hyperion Optics Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)



- 2.7.5 Hyperion Optics Recent Developments/Updates
- 2.8 EHD Imaging GmbH
  - 2.8.1 EHD Imaging GmbH Details
  - 2.8.2 EHD Imaging GmbH Major Business
  - 2.8.3 EHD Imaging GmbH Short Wavelength Infra-Red Lenses Product and Services
  - 2.8.4 EHD Imaging GmbH Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.8.5 EHD Imaging GmbH Recent Developments/Updates
- 2.9 StingRay Optics
  - 2.9.1 StingRay Optics Details
  - 2.9.2 StingRay Optics Major Business
  - 2.9.3 StingRay Optics Short Wavelength Infra-Red Lenses Product and Services
  - 2.9.4 StingRay Optics Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.9.5 StingRay Optics Recent Developments/Updates
- 2.10 Stemmer Imaging
  - 2.10.1 Stemmer Imaging Details
  - 2.10.2 Stemmer Imaging Major Business
  - 2.10.3 Stemmer Imaging Short Wavelength Infra-Red Lenses Product and Services
  - 2.10.4 Stemmer Imaging Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.10.5 Stemmer Imaging Recent Developments/Updates
- 2.11 Shanghai Optics
  - 2.11.1 Shanghai Optics Details
  - 2.11.2 Shanghai Optics Major Business
  - 2.11.3 Shanghai Optics Short Wavelength Infra-Red Lenses Product and Services
  - 2.11.4 Shanghai Optics Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.11.5 Shanghai Optics Recent Developments/Updates
- 2.12 SEIWA Optical
  - 2.12.1 SEIWA Optical Details
  - 2.12.2 SEIWA Optical Major Business
  - 2.12.3 SEIWA Optical Short Wavelength Infra-Red Lenses Product and Services
  - 2.12.4 SEIWA Optical Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.12.5 SEIWA Optical Recent Developments/Updates
- 2.13 Resolve Optics Ltd.
  - 2.13.1 Resolve Optics Ltd. Details
  - 2.13.2 Resolve Optics Ltd. Major Business

- 2.13.3 Resolve Optics Ltd. Short Wavelength Infra-Red Lenses Product and Services
- 2.13.4 Resolve Optics Ltd. Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.13.5 Resolve Optics Ltd. Recent Developments/Updates
- 2.14 VS Technology Corporation
  - 2.14.1 VS Technology Corporation Details
  - 2.14.2 VS Technology Corporation Major Business
  - 2.14.3 VS Technology Corporation Short Wavelength Infra-Red Lenses Product and Services
  - 2.14.4 VS Technology Corporation Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.14.5 VS Technology Corporation Recent Developments/Updates
- 2.15 GIDS GmbH
  - 2.15.1 GIDS GmbH Details
  - 2.15.2 GIDS GmbH Major Business
  - 2.15.3 GIDS GmbH Short Wavelength Infra-Red Lenses Product and Services
  - 2.15.4 GIDS GmbH Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.15.5 GIDS GmbH Recent Developments/Updates
- 2.16 Goodrich Corporation
  - 2.16.1 Goodrich Corporation Details
  - 2.16.2 Goodrich Corporation Major Business
  - 2.16.3 Goodrich Corporation Short Wavelength Infra-Red Lenses Product and Services
  - 2.16.4 Goodrich Corporation Short Wavelength Infra-Red Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.16.5 Goodrich Corporation Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: SHORT WAVELENGTH INFRA-RED LENSES BY MANUFACTURER**

- 3.1 Global Short Wavelength Infra-Red Lenses Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Short Wavelength Infra-Red Lenses Revenue by Manufacturer (2018-2023)
- 3.3 Global Short Wavelength Infra-Red Lenses Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
  - 3.4.1 Producer Shipments of Short Wavelength Infra-Red Lenses by Manufacturer Revenue (\$MM) and Market Share (%): 2022

- 3.4.2 Top 3 Short Wavelength Infra-Red Lenses Manufacturer Market Share in 2022
- 3.4.2 Top 6 Short Wavelength Infra-Red Lenses Manufacturer Market Share in 2022
- 3.5 Short Wavelength Infra-Red Lenses Market: Overall Company Footprint Analysis
  - 3.5.1 Short Wavelength Infra-Red Lenses Market: Region Footprint
  - 3.5.2 Short Wavelength Infra-Red Lenses Market: Company Product Type Footprint
  - 3.5.3 Short Wavelength Infra-Red Lenses 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 Short Wavelength Infra-Red Lenses Market Size by Region
  - 4.1.1 Global Short Wavelength Infra-Red Lenses Sales Quantity by Region (2018-2029)
  - 4.1.2 Global Short Wavelength Infra-Red Lenses Consumption Value by Region (2018-2029)
  - 4.1.3 Global Short Wavelength Infra-Red Lenses Average Price by Region (2018-2029)
- 4.2 North America Short Wavelength Infra-Red Lenses Consumption Value (2018-2029)
- 4.3 Europe Short Wavelength Infra-Red Lenses Consumption Value (2018-2029)
- 4.4 Asia-Pacific Short Wavelength Infra-Red Lenses Consumption Value (2018-2029)
- 4.5 South America Short Wavelength Infra-Red Lenses Consumption Value (2018-2029)
- 4.6 Middle East and Africa Short Wavelength Infra-Red Lenses Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY FOCAL LENGTH (MM)**

- 5.1 Global Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2018-2029)
- 5.2 Global Short Wavelength Infra-Red Lenses Consumption Value by Focal Length (mm) (2018-2029)
- 5.3 Global Short Wavelength Infra-Red Lenses Average Price by Focal Length (mm) (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Short Wavelength Infra-Red Lenses Sales Quantity by Application

(2018-2029)

6.2 Global Short Wavelength Infra-Red Lenses Consumption Value by Application

(2018-2029)

6.3 Global Short Wavelength Infra-Red Lenses Average Price by Application

(2018-2029)

## **7 NORTH AMERICA**

7.1 North America Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2018-2029)

7.2 North America Short Wavelength Infra-Red Lenses Sales Quantity by Application (2018-2029)

7.3 North America Short Wavelength Infra-Red Lenses Market Size by Country

7.3.1 North America Short Wavelength Infra-Red Lenses Sales Quantity by Country (2018-2029)

7.3.2 North America Short Wavelength Infra-Red Lenses Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

8.1 Europe Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2018-2029)

8.2 Europe Short Wavelength Infra-Red Lenses Sales Quantity by Application (2018-2029)

8.3 Europe Short Wavelength Infra-Red Lenses Market Size by Country

8.3.1 Europe Short Wavelength Infra-Red Lenses Sales Quantity by Country (2018-2029)

8.3.2 Europe Short Wavelength Infra-Red Lenses Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2018-2029)

9.2 Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Short Wavelength Infra-Red Lenses Market Size by Region

9.3.1 Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Short Wavelength Infra-Red Lenses Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

10.1 South America Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2018-2029)

10.2 South America Short Wavelength Infra-Red Lenses Sales Quantity by Application (2018-2029)

10.3 South America Short Wavelength Infra-Red Lenses Market Size by Country

10.3.1 South America Short Wavelength Infra-Red Lenses Sales Quantity by Country (2018-2029)

10.3.2 South America Short Wavelength Infra-Red Lenses Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2018-2029)

11.2 Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Short Wavelength Infra-Red Lenses Market Size by Country

11.3.1 Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity by

## Country (2018-2029)

### 11.3.2 Middle East & Africa Short Wavelength Infra-Red Lenses Consumption Value by Country (2018-2029)

#### 11.3.3 Turkey Market Size and Forecast (2018-2029)

#### 11.3.4 Egypt Market Size and Forecast (2018-2029)

#### 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

#### 11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

### 12.1 Short Wavelength Infra-Red Lenses Market Drivers

### 12.2 Short Wavelength Infra-Red Lenses Market Restraints

### 12.3 Short Wavelength Infra-Red Lenses 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 Short Wavelength Infra-Red Lenses and Key Manufacturers

### 13.2 Manufacturing Costs Percentage of Short Wavelength Infra-Red Lenses

### 13.3 Short Wavelength Infra-Red Lenses Production Process

### 13.4 Short Wavelength Infra-Red Lenses Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

### 14.1 Sales Channel

#### 14.1.1 Direct to End-User

#### 14.1.2 Distributors

### 14.2 Short Wavelength Infra-Red Lenses Typical Distributors

### 14.3 Short Wavelength Infra-Red Lenses 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 Short Wavelength Infra-Red Lenses Consumption Value by Focal Length (mm), (USD Million), 2018 & 2022 & 2029

Table 2. Global Short Wavelength Infra-Red Lenses Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Edmund Optics Basic Information, Manufacturing Base and Competitors

Table 4. Edmund Optics Major Business

Table 5. Edmund Optics Short Wavelength Infra-Red Lenses Product and Services

Table 6. Edmund Optics Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Edmund Optics Recent Developments/Updates

Table 8. Navitar, Inc. Basic Information, Manufacturing Base and Competitors

Table 9. Navitar, Inc. Major Business

Table 10. Navitar, Inc. Short Wavelength Infra-Red Lenses Product and Services

Table 11. Navitar, Inc. Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Navitar, Inc. Recent Developments/Updates

Table 13. Axiom Optics Basic Information, Manufacturing Base and Competitors

Table 14. Axiom Optics Major Business

Table 15. Axiom Optics Short Wavelength Infra-Red Lenses Product and Services

Table 16. Axiom Optics Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Axiom Optics Recent Developments/Updates

Table 18. SWIR Vision Systems Basic Information, Manufacturing Base and Competitors

Table 19. SWIR Vision Systems Major Business

Table 20. SWIR Vision Systems Short Wavelength Infra-Red Lenses Product and Services

Table 21. SWIR Vision Systems Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. SWIR Vision Systems Recent Developments/Updates

Table 23. MKS Instruments, Inc. Basic Information, Manufacturing Base and



## Competitors

Table 24. MKS Instruments, Inc. Major Business

Table 25. MKS Instruments, Inc. Short Wavelength Infra-Red Lenses Product and Services

Table 26. MKS Instruments, Inc. Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. MKS Instruments, Inc. Recent Developments/Updates

Table 28. Beck Optronic Solutions Basic Information, Manufacturing Base and Competitors

Table 29. Beck Optronic Solutions Major Business

Table 30. Beck Optronic Solutions Short Wavelength Infra-Red Lenses Product and Services

Table 31. Beck Optronic Solutions Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Beck Optronic Solutions Recent Developments/Updates

Table 33. Hyperion Optics Basic Information, Manufacturing Base and Competitors

Table 34. Hyperion Optics Major Business

Table 35. Hyperion Optics Short Wavelength Infra-Red Lenses Product and Services

Table 36. Hyperion Optics Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Hyperion Optics Recent Developments/Updates

Table 38. EHD Imaging GmbH Basic Information, Manufacturing Base and Competitors

Table 39. EHD Imaging GmbH Major Business

Table 40. EHD Imaging GmbH Short Wavelength Infra-Red Lenses Product and Services

Table 41. EHD Imaging GmbH Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. EHD Imaging GmbH Recent Developments/Updates

Table 43. StingRay Optics Basic Information, Manufacturing Base and Competitors

Table 44. StingRay Optics Major Business

Table 45. StingRay Optics Short Wavelength Infra-Red Lenses Product and Services

Table 46. StingRay Optics Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. StingRay Optics Recent Developments/Updates

- Table 48. Stemmer Imaging Basic Information, Manufacturing Base and Competitors
- Table 49. Stemmer Imaging Major Business
- Table 50. Stemmer Imaging Short Wavelength Infra-Red Lenses Product and Services
- Table 51. Stemmer Imaging Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 52. Stemmer Imaging Recent Developments/Updates
- Table 53. Shanghai Optics Basic Information, Manufacturing Base and Competitors
- Table 54. Shanghai Optics Major Business
- Table 55. Shanghai Optics Short Wavelength Infra-Red Lenses Product and Services
- Table 56. Shanghai Optics Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 57. Shanghai Optics Recent Developments/Updates
- Table 58. SEIWA Optical Basic Information, Manufacturing Base and Competitors
- Table 59. SEIWA Optical Major Business
- Table 60. SEIWA Optical Short Wavelength Infra-Red Lenses Product and Services
- Table 61. SEIWA Optical Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 62. SEIWA Optical Recent Developments/Updates
- Table 63. Resolve Optics Ltd. Basic Information, Manufacturing Base and Competitors
- Table 64. Resolve Optics Ltd. Major Business
- Table 65. Resolve Optics Ltd. Short Wavelength Infra-Red Lenses Product and Services
- Table 66. Resolve Optics Ltd. Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 67. Resolve Optics Ltd. Recent Developments/Updates
- Table 68. VS Technology Corporation Basic Information, Manufacturing Base and Competitors
- Table 69. VS Technology Corporation Major Business
- Table 70. VS Technology Corporation Short Wavelength Infra-Red Lenses Product and Services
- Table 71. VS Technology Corporation Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 72. VS Technology Corporation Recent Developments/Updates
- Table 73. GIDS GmbH Basic Information, Manufacturing Base and Competitors

Table 74. GIDS GmbH Major Business

Table 75. GIDS GmbH Short Wavelength Infra-Red Lenses Product and Services

Table 76. GIDS GmbH Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. GIDS GmbH Recent Developments/Updates

Table 78. Goodrich Corporation Basic Information, Manufacturing Base and Competitors

Table 79. Goodrich Corporation Major Business

Table 80. Goodrich Corporation Short Wavelength Infra-Red Lenses Product and Services

Table 81. Goodrich Corporation Short Wavelength Infra-Red Lenses Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. Goodrich Corporation Recent Developments/Updates

Table 83. Global Short Wavelength Infra-Red Lenses Sales Quantity by Manufacturer (2018-2023) & (Units)

Table 84. Global Short Wavelength Infra-Red Lenses Revenue by Manufacturer (2018-2023) & (USD Million)

Table 85. Global Short Wavelength Infra-Red Lenses Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 86. Market Position of Manufacturers in Short Wavelength Infra-Red Lenses, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 87. Head Office and Short Wavelength Infra-Red Lenses Production Site of Key Manufacturer

Table 88. Short Wavelength Infra-Red Lenses Market: Company Product Type Footprint

Table 89. Short Wavelength Infra-Red Lenses Market: Company Product Application Footprint

Table 90. Short Wavelength Infra-Red Lenses New Market Entrants and Barriers to Market Entry

Table 91. Short Wavelength Infra-Red Lenses Mergers, Acquisition, Agreements, and Collaborations

Table 92. Global Short Wavelength Infra-Red Lenses Sales Quantity by Region (2018-2023) & (Units)

Table 93. Global Short Wavelength Infra-Red Lenses Sales Quantity by Region (2024-2029) & (Units)

Table 94. Global Short Wavelength Infra-Red Lenses Consumption Value by Region (2018-2023) & (USD Million)

Table 95. Global Short Wavelength Infra-Red Lenses Consumption Value by Region

(2024-2029) & (USD Million)

Table 96. Global Short Wavelength Infra-Red Lenses Average Price by Region (2018-2023) & (US\$/Unit)

Table 97. Global Short Wavelength Infra-Red Lenses Average Price by Region (2024-2029) & (US\$/Unit)

Table 98. Global Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2018-2023) & (Units)

Table 99. Global Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2024-2029) & (Units)

Table 100. Global Short Wavelength Infra-Red Lenses Consumption Value by Focal Length (mm) (2018-2023) & (USD Million)

Table 101. Global Short Wavelength Infra-Red Lenses Consumption Value by Focal Length (mm) (2024-2029) & (USD Million)

Table 102. Global Short Wavelength Infra-Red Lenses Average Price by Focal Length (mm) (2018-2023) & (US\$/Unit)

Table 103. Global Short Wavelength Infra-Red Lenses Average Price by Focal Length (mm) (2024-2029) & (US\$/Unit)

Table 104. Global Short Wavelength Infra-Red Lenses Sales Quantity by Application (2018-2023) & (Units)

Table 105. Global Short Wavelength Infra-Red Lenses Sales Quantity by Application (2024-2029) & (Units)

Table 106. Global Short Wavelength Infra-Red Lenses Consumption Value by Application (2018-2023) & (USD Million)

Table 107. Global Short Wavelength Infra-Red Lenses Consumption Value by Application (2024-2029) & (USD Million)

Table 108. Global Short Wavelength Infra-Red Lenses Average Price by Application (2018-2023) & (US\$/Unit)

Table 109. Global Short Wavelength Infra-Red Lenses Average Price by Application (2024-2029) & (US\$/Unit)

Table 110. North America Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2018-2023) & (Units)

Table 111. North America Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2024-2029) & (Units)

Table 112. North America Short Wavelength Infra-Red Lenses Sales Quantity by Application (2018-2023) & (Units)

Table 113. North America Short Wavelength Infra-Red Lenses Sales Quantity by Application (2024-2029) & (Units)

Table 114. North America Short Wavelength Infra-Red Lenses Sales Quantity by Country (2018-2023) & (Units)

Table 115. North America Short Wavelength Infra-Red Lenses Sales Quantity by Country (2024-2029) & (Units)

Table 116. North America Short Wavelength Infra-Red Lenses Consumption Value by Country (2018-2023) & (USD Million)

Table 117. North America Short Wavelength Infra-Red Lenses Consumption Value by Country (2024-2029) & (USD Million)

Table 118. Europe Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2018-2023) & (Units)

Table 119. Europe Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2024-2029) & (Units)

Table 120. Europe Short Wavelength Infra-Red Lenses Sales Quantity by Application (2018-2023) & (Units)

Table 121. Europe Short Wavelength Infra-Red Lenses Sales Quantity by Application (2024-2029) & (Units)

Table 122. Europe Short Wavelength Infra-Red Lenses Sales Quantity by Country (2018-2023) & (Units)

Table 123. Europe Short Wavelength Infra-Red Lenses Sales Quantity by Country (2024-2029) & (Units)

Table 124. Europe Short Wavelength Infra-Red Lenses Consumption Value by Country (2018-2023) & (USD Million)

Table 125. Europe Short Wavelength Infra-Red Lenses Consumption Value by Country (2024-2029) & (USD Million)

Table 126. Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2018-2023) & (Units)

Table 127. Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2024-2029) & (Units)

Table 128. Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity by Application (2018-2023) & (Units)

Table 129. Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity by Application (2024-2029) & (Units)

Table 130. Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity by Region (2018-2023) & (Units)

Table 131. Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity by Region (2024-2029) & (Units)

Table 132. Asia-Pacific Short Wavelength Infra-Red Lenses Consumption Value by Region (2018-2023) & (USD Million)

Table 133. Asia-Pacific Short Wavelength Infra-Red Lenses Consumption Value by Region (2024-2029) & (USD Million)

Table 134. South America Short Wavelength Infra-Red Lenses Sales Quantity by Focal



Length (mm) (2018-2023) & (Units)

Table 135. South America Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2024-2029) & (Units)

Table 136. South America Short Wavelength Infra-Red Lenses Sales Quantity by Application (2018-2023) & (Units)

Table 137. South America Short Wavelength Infra-Red Lenses Sales Quantity by Application (2024-2029) & (Units)

Table 138. South America Short Wavelength Infra-Red Lenses Sales Quantity by Country (2018-2023) & (Units)

Table 139. South America Short Wavelength Infra-Red Lenses Sales Quantity by Country (2024-2029) & (Units)

Table 140. South America Short Wavelength Infra-Red Lenses Consumption Value by Country (2018-2023) & (USD Million)

Table 141. South America Short Wavelength Infra-Red Lenses Consumption Value by Country (2024-2029) & (USD Million)

Table 142. Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2018-2023) & (Units)

Table 143. Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity by Focal Length (mm) (2024-2029) & (Units)

Table 144. Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity by Application (2018-2023) & (Units)

Table 145. Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity by Application (2024-2029) & (Units)

Table 146. Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity by Region (2018-2023) & (Units)

Table 147. Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity by Region (2024-2029) & (Units)

Table 148. Middle East & Africa Short Wavelength Infra-Red Lenses Consumption Value by Region (2018-2023) & (USD Million)

Table 149. Middle East & Africa Short Wavelength Infra-Red Lenses Consumption Value by Region (2024-2029) & (USD Million)

Table 150. Short Wavelength Infra-Red Lenses Raw Material

Table 151. Key Manufacturers of Short Wavelength Infra-Red Lenses Raw Materials

Table 152. Short Wavelength Infra-Red Lenses Typical Distributors

Table 153. Short Wavelength Infra-Red Lenses Typical Customers

## LIST OF FIGURE

s

Figure 1. Short Wavelength Infra-Red Lenses Picture

Figure 2. Global Short Wavelength Infra-Red Lenses Consumption Value by Focal Length (mm), (USD Million), 2018 & 2022 & 2029

Figure 3. Global Short Wavelength Infra-Red Lenses Consumption Value Market Share by Focal Length (mm) in 2022

Figure 4. 12mm Examples

Figure 5. 25mm Examples

Figure 6. 50mm Examples

Figure 7. 100mm Examples

Figure 8. 200mm Examples

Figure 9. Global Short Wavelength Infra-Red Lenses Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 10. Global Short Wavelength Infra-Red Lenses Consumption Value Market Share by Application in 2022

Figure 11. Solar Cell Testing Examples

Figure 12. Electronic Component Testing Examples

Figure 13. Medical Imaging Examples

Figure 14. Others Examples

Figure 15. Global Short Wavelength Infra-Red Lenses Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 16. Global Short Wavelength Infra-Red Lenses Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 17. Global Short Wavelength Infra-Red Lenses Sales Quantity (2018-2029) & (Units)

Figure 18. Global Short Wavelength Infra-Red Lenses Average Price (2018-2029) & (US\$/Unit)

Figure 19. Global Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Manufacturer in 2022

Figure 20. Global Short Wavelength Infra-Red Lenses Consumption Value Market Share by Manufacturer in 2022

Figure 21. Producer Shipments of Short Wavelength Infra-Red Lenses by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 22. Top 3 Short Wavelength Infra-Red Lenses Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Top 6 Short Wavelength Infra-Red Lenses Manufacturer (Consumption Value) Market Share in 2022

Figure 24. Global Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Region (2018-2029)

Figure 25. Global Short Wavelength Infra-Red Lenses Consumption Value Market Share by Region (2018-2029)

Figure 26. North America Short Wavelength Infra-Red Lenses Consumption Value (2018-2029) & (USD Million)

Figure 27. Europe Short Wavelength Infra-Red Lenses Consumption Value (2018-2029) & (USD Million)

Figure 28. Asia-Pacific Short Wavelength Infra-Red Lenses Consumption Value (2018-2029) & (USD Million)

Figure 29. South America Short Wavelength Infra-Red Lenses Consumption Value (2018-2029) & (USD Million)

Figure 30. Middle East & Africa Short Wavelength Infra-Red Lenses Consumption Value (2018-2029) & (USD Million)

Figure 31. Global Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Focal Length (mm) (2018-2029)

Figure 32. Global Short Wavelength Infra-Red Lenses Consumption Value Market Share by Focal Length (mm) (2018-2029)

Figure 33. Global Short Wavelength Infra-Red Lenses Average Price by Focal Length (mm) (2018-2029) & (US\$/Unit)

Figure 34. Global Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Application (2018-2029)

Figure 35. Global Short Wavelength Infra-Red Lenses Consumption Value Market Share by Application (2018-2029)

Figure 36. Global Short Wavelength Infra-Red Lenses Average Price by Application (2018-2029) & (US\$/Unit)

Figure 37. North America Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Focal Length (mm) (2018-2029)

Figure 38. North America Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Application (2018-2029)

Figure 39. North America Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Country (2018-2029)

Figure 40. North America Short Wavelength Infra-Red Lenses Consumption Value Market Share by Country (2018-2029)

Figure 41. United States Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Canada Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Mexico Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Europe Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Focal Length (mm) (2018-2029)

Figure 45. Europe Short Wavelength Infra-Red Lenses Sales Quantity Market Share by



Application (2018-2029)

Figure 46. Europe Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Country (2018-2029)

Figure 47. Europe Short Wavelength Infra-Red Lenses Consumption Value Market Share by Country (2018-2029)

Figure 48. Germany Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. France Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. United Kingdom Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Russia Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Italy Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Focal Length (mm) (2018-2029)

Figure 54. Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Application (2018-2029)

Figure 55. Asia-Pacific Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Region (2018-2029)

Figure 56. Asia-Pacific Short Wavelength Infra-Red Lenses Consumption Value Market Share by Region (2018-2029)

Figure 57. China Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Japan Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Korea Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. India Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Southeast Asia Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Australia Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. South America Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Focal Length (mm) (2018-2029)

Figure 64. South America Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Application (2018-2029)

- Figure 65. South America Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Country (2018-2029)
- Figure 66. South America Short Wavelength Infra-Red Lenses Consumption Value Market Share by Country (2018-2029)
- Figure 67. Brazil Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 68. Argentina Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 69. Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Focal Length (mm) (2018-2029)
- Figure 70. Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Application (2018-2029)
- Figure 71. Middle East & Africa Short Wavelength Infra-Red Lenses Sales Quantity Market Share by Region (2018-2029)
- Figure 72. Middle East & Africa Short Wavelength Infra-Red Lenses Consumption Value Market Share by Region (2018-2029)
- Figure 73. Turkey Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 74. Egypt Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 75. Saudi Arabia Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 76. South Africa Short Wavelength Infra-Red Lenses Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 77. Short Wavelength Infra-Red Lenses Market Drivers
- Figure 78. Short Wavelength Infra-Red Lenses Market Restraints
- Figure 79. Short Wavelength Infra-Red Lenses Market Trends
- Figure 80. Porters Five Forces Analysis
- Figure 81. Manufacturing Cost Structure Analysis of Short Wavelength Infra-Red Lenses in 2022
- Figure 82. Manufacturing Process Analysis of Short Wavelength Infra-Red Lenses
- Figure 83. Short Wavelength Infra-Red Lenses Industrial Chain
- Figure 84. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 85. Direct Channel Pros & Cons
- Figure 86. Indirect Channel Pros & Cons
- Figure 87. Methodology
- Figure 88. Research Process and Data Source

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