

# Global LED Secondary Optic Market Growth 2023-2029

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## Abstracts

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Secondary optics are those optics which exist outside of the LED package, such as reflector, TIR lenses, Fresnel lenses, and pillow lenses. Secondary optics are used to create the desired appearance and beam pattern of the LED signal lamp. LEDs generally emit light at a 120-degree viewing angle. LED applications that require more focused light often use a secondary optic that is placed over the LED, which internally reflects light into a spot, medium spot, wide spot or elliptical spot pattern. Secondary optics are used to modify the output beam of the LED such that the output beam of the finished signal lamp will efficiently meet the desired photometric specification. In addition, secondary optics serve an aesthetic purpose by determining the lit and unlit appearance of the signal lamp. The primary optic is included in the LED package, and the secondary optics are part of the finished signal lamp. There are two primary categories of secondary optics used, those that spread the incoming light (diverging optics), and those that gather the incoming light into a collimated beam (collimating optics).

LPI (LP Information)' newest research report, the "LED Secondary Optic Industry Forecast" looks at past sales and reviews total world LED Secondary Optic sales in 2022, providing a comprehensive analysis by region and market sector of projected LED Secondary Optic sales for 2023 through 2029. With LED Secondary Optic sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world LED Secondary Optic industry.

This Insight Report provides a comprehensive analysis of the global LED Secondary Optic landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on LED

Secondary Optic portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global LED Secondary Optic market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for LED Secondary Optic and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global LED Secondary Optic.

The global LED Secondary Optic market size is projected to grow from US\$ 1546.6 million in 2022 to US\$ 5857.9 million in 2029; it is expected to grow at a CAGR of 5857.9 from 2023 to 2029.

Global LED Secondary Optic key players include Ledlink Optics, LEDIL Oy, Auer Lighting, Bicom Optics, GAGGIONE(Lednlight), etc. Global top five manufacturers hold a share about 20%. China is the largest market, with a share about 35%, followed by China Taiwan, with a share about 20 percent. In terms of product, LED Secondary Lens is the largest segment, with a share about 85%. And in terms of application, the largest application is Commercial Lighting, followed by Street Lighting, Architectural Lighting, Indoor Lighting, Automotive Lighting, etc.

This report presents a comprehensive overview, market shares, and growth opportunities of LED Secondary Optic market by product type, application, key manufacturers and key regions and countries.

## Market Segmentation:

### Segmentation by type

Reflector

LED Secondary Lens

Others

### Segmentation by application

Street Lighting

Commercial Lighting

Architectural Lighting

Indoor Lighting

Automotive Lighting

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Ledlink Optics

Carclo Optics

Auer Lighting

LEDIL Oy

FRAEN Corporation

GAGGIONE (Lednlight)

Bicom Optics

Darkoo Optics

Aether systems Inc

B&M Optics

ShenZhen Likeda Optical

HENGLI Optical

Brightlx Limited

Kunrui optical

FORTECH

Chun Kuang Optics

Wuxi Kinglux Glass Lens

## Key Questions Addressed in this Report

What is the 10-year outlook for the global LED Secondary Optic market?

What factors are driving LED Secondary Optic market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do LED Secondary Optic market opportunities vary by end market size?

How does LED Secondary Optic break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global LED Secondary Optic Annual Sales 2018-2029
  - 2.1.2 World Current & Future Analysis for LED Secondary Optic by Geographic Region, 2018, 2022 & 2029
  - 2.1.3 World Current & Future Analysis for LED Secondary Optic by Country/Region, 2018, 2022 & 2029
- 2.2 LED Secondary Optic Segment by Type
  - 2.2.1 Reflector
  - 2.2.2 LED Secondary Lens
  - 2.2.3 Others
- 2.3 LED Secondary Optic Sales by Type
  - 2.3.1 Global LED Secondary Optic Sales Market Share by Type (2018-2023)
  - 2.3.2 Global LED Secondary Optic Revenue and Market Share by Type (2018-2023)
  - 2.3.3 Global LED Secondary Optic Sale Price by Type (2018-2023)
- 2.4 LED Secondary Optic Segment by Application
  - 2.4.1 Street Lighting
  - 2.4.2 Commercial Lighting
  - 2.4.3 Architectural Lighting
  - 2.4.4 Indoor Lighting
  - 2.4.5 Automotive Lighting
  - 2.4.6 Others
- 2.5 LED Secondary Optic Sales by Application
  - 2.5.1 Global LED Secondary Optic Sale Market Share by Application (2018-2023)
  - 2.5.2 Global LED Secondary Optic Revenue and Market Share by Application

(2018-2023)

2.5.3 Global LED Secondary Optic Sale Price by Application (2018-2023)

### **3 GLOBAL LED SECONDARY OPTIC BY COMPANY**

3.1 Global LED Secondary Optic Breakdown Data by Company

3.1.1 Global LED Secondary Optic Annual Sales by Company (2018-2023)

3.1.2 Global LED Secondary Optic Sales Market Share by Company (2018-2023)

3.2 Global LED Secondary Optic Annual Revenue by Company (2018-2023)

3.2.1 Global LED Secondary Optic Revenue by Company (2018-2023)

3.2.2 Global LED Secondary Optic Revenue Market Share by Company (2018-2023)

3.3 Global LED Secondary Optic Sale Price by Company

3.4 Key Manufacturers LED Secondary Optic Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers LED Secondary Optic Product Location Distribution

3.4.2 Players LED Secondary Optic Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR LED SECONDARY OPTIC BY GEOGRAPHIC REGION**

4.1 World Historic LED Secondary Optic Market Size by Geographic Region (2018-2023)

4.1.1 Global LED Secondary Optic Annual Sales by Geographic Region (2018-2023)

4.1.2 Global LED Secondary Optic Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic LED Secondary Optic Market Size by Country/Region (2018-2023)

4.2.1 Global LED Secondary Optic Annual Sales by Country/Region (2018-2023)

4.2.2 Global LED Secondary Optic Annual Revenue by Country/Region (2018-2023)

4.3 Americas LED Secondary Optic Sales Growth

4.4 APAC LED Secondary Optic Sales Growth

4.5 Europe LED Secondary Optic Sales Growth

4.6 Middle East & Africa LED Secondary Optic Sales Growth

### **5 AMERICAS**

## 5.1 Americas LED Secondary Optic Sales by Country

### 5.1.1 Americas LED Secondary Optic Sales by Country (2018-2023)

### 5.1.2 Americas LED Secondary Optic Revenue by Country (2018-2023)

## 5.2 Americas LED Secondary Optic Sales by Type

## 5.3 Americas LED Secondary Optic Sales by Application

## 5.4 United States

## 5.5 Canada

## 5.6 Mexico

## 5.7 Brazil

# 6 APAC

## 6.1 APAC LED Secondary Optic Sales by Region

### 6.1.1 APAC LED Secondary Optic Sales by Region (2018-2023)

### 6.1.2 APAC LED Secondary Optic Revenue by Region (2018-2023)

## 6.2 APAC LED Secondary Optic Sales by Type

## 6.3 APAC LED Secondary Optic Sales by Application

## 6.4 China

## 6.5 Japan

## 6.6 South Korea

## 6.7 Southeast Asia

## 6.8 India

## 6.9 Australia

## 6.10 China Taiwan

# 7 EUROPE

## 7.1 Europe LED Secondary Optic by Country

### 7.1.1 Europe LED Secondary Optic Sales by Country (2018-2023)

### 7.1.2 Europe LED Secondary Optic Revenue by Country (2018-2023)

## 7.2 Europe LED Secondary Optic Sales by Type

## 7.3 Europe LED Secondary Optic Sales by Application

## 7.4 Germany

## 7.5 France

## 7.6 UK

## 7.7 Italy

## 7.8 Russia



## **8 MIDDLE EAST & AFRICA**

### 8.1 Middle East & Africa LED Secondary Optic by Country

#### 8.1.1 Middle East & Africa LED Secondary Optic Sales by Country (2018-2023)

#### 8.1.2 Middle East & Africa LED Secondary Optic Revenue by Country (2018-2023)

### 8.2 Middle East & Africa LED Secondary Optic Sales by Type

### 8.3 Middle East & Africa LED Secondary Optic Sales by Application

### 8.4 Egypt

### 8.5 South Africa

### 8.6 Israel

### 8.7 Turkey

### 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

### 9.1 Market Drivers & Growth Opportunities

### 9.2 Market Challenges & Risks

### 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

### 10.1 Raw Material and Suppliers

### 10.2 Manufacturing Cost Structure Analysis of LED Secondary Optic

### 10.3 Manufacturing Process Analysis of LED Secondary Optic

### 10.4 Industry Chain Structure of LED Secondary Optic

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

### 11.1 Sales Channel

#### 11.1.1 Direct Channels

#### 11.1.2 Indirect Channels

### 11.2 LED Secondary Optic Distributors

### 11.3 LED Secondary Optic Customer

## **12 WORLD FORECAST REVIEW FOR LED SECONDARY OPTIC BY GEOGRAPHIC REGION**

### 12.1 Global LED Secondary Optic Market Size Forecast by Region

#### 12.1.1 Global LED Secondary Optic Forecast by Region (2024-2029)

- 12.1.2 Global LED Secondary Optic Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global LED Secondary Optic Forecast by Type
- 12.7 Global LED Secondary Optic Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

### **13.1 Ledlink Optics**

- 13.1.1 Ledlink Optics Company Information
- 13.1.2 Ledlink Optics LED Secondary Optic Product Portfolios and Specifications
- 13.1.3 Ledlink Optics LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.1.4 Ledlink Optics Main Business Overview
- 13.1.5 Ledlink Optics Latest Developments

### **13.2 Carclo Optics**

- 13.2.1 Carclo Optics Company Information
- 13.2.2 Carclo Optics LED Secondary Optic Product Portfolios and Specifications
- 13.2.3 Carclo Optics LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.2.4 Carclo Optics Main Business Overview
- 13.2.5 Carclo Optics Latest Developments

### **13.3 Auer Lighting**

- 13.3.1 Auer Lighting Company Information
- 13.3.2 Auer Lighting LED Secondary Optic Product Portfolios and Specifications
- 13.3.3 Auer Lighting LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.3.4 Auer Lighting Main Business Overview
- 13.3.5 Auer Lighting Latest Developments

### **13.4 LEDIL Oy**

- 13.4.1 LEDIL Oy Company Information
- 13.4.2 LEDIL Oy LED Secondary Optic Product Portfolios and Specifications
- 13.4.3 LEDIL Oy LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.4.4 LEDIL Oy Main Business Overview
- 13.4.5 LEDIL Oy Latest Developments

### **13.5 FRAEN Corporation**

- 13.5.1 FRAEN Corporation Company Information
- 13.5.2 FRAEN Corporation LED Secondary Optic Product Portfolios and Specifications
- 13.5.3 FRAEN Corporation LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.5.4 FRAEN Corporation Main Business Overview
- 13.5.5 FRAEN Corporation Latest Developments
- 13.6 GAGGIONE (Lednlight)
  - 13.6.1 GAGGIONE (Lednlight) Company Information
  - 13.6.2 GAGGIONE (Lednlight) LED Secondary Optic Product Portfolios and Specifications
  - 13.6.3 GAGGIONE (Lednlight) LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.6.4 GAGGIONE (Lednlight) Main Business Overview
  - 13.6.5 GAGGIONE (Lednlight) Latest Developments
- 13.7 Bicom Optics
  - 13.7.1 Bicom Optics Company Information
  - 13.7.2 Bicom Optics LED Secondary Optic Product Portfolios and Specifications
  - 13.7.3 Bicom Optics LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.7.4 Bicom Optics Main Business Overview
  - 13.7.5 Bicom Optics Latest Developments
- 13.8 Darkoo Optics
  - 13.8.1 Darkoo Optics Company Information
  - 13.8.2 Darkoo Optics LED Secondary Optic Product Portfolios and Specifications
  - 13.8.3 Darkoo Optics LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.8.4 Darkoo Optics Main Business Overview
  - 13.8.5 Darkoo Optics Latest Developments
- 13.9 Aether systems Inc
  - 13.9.1 Aether systems Inc Company Information
  - 13.9.2 Aether systems Inc LED Secondary Optic Product Portfolios and Specifications
  - 13.9.3 Aether systems Inc LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.9.4 Aether systems Inc Main Business Overview
  - 13.9.5 Aether systems Inc Latest Developments
- 13.10 B&M Optics
  - 13.10.1 B&M Optics Company Information
  - 13.10.2 B&M Optics LED Secondary Optic Product Portfolios and Specifications
  - 13.10.3 B&M Optics LED Secondary Optic Sales, Revenue, Price and Gross Margin

(2018-2023)

13.10.4 B&M Optics Main Business Overview

13.10.5 B&M Optics Latest Developments

13.11 ShenZhen Likeda Optical

13.11.1 ShenZhen Likeda Optical Company Information

13.11.2 ShenZhen Likeda Optical LED Secondary Optic Product Portfolios and Specifications

13.11.3 ShenZhen Likeda Optical LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)

13.11.4 ShenZhen Likeda Optical Main Business Overview

13.11.5 ShenZhen Likeda Optical Latest Developments

13.12 HENGLI Optical

13.12.1 HENGLI Optical Company Information

13.12.2 HENGLI Optical LED Secondary Optic Product Portfolios and Specifications

13.12.3 HENGLI Optical LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)

13.12.4 HENGLI Optical Main Business Overview

13.12.5 HENGLI Optical Latest Developments

13.13 Brightlx Limited

13.13.1 Brightlx Limited Company Information

13.13.2 Brightlx Limited LED Secondary Optic Product Portfolios and Specifications

13.13.3 Brightlx Limited LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)

13.13.4 Brightlx Limited Main Business Overview

13.13.5 Brightlx Limited Latest Developments

13.14 Kunrui optical

13.14.1 Kunrui optical Company Information

13.14.2 Kunrui optical LED Secondary Optic Product Portfolios and Specifications

13.14.3 Kunrui optical LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)

13.14.4 Kunrui optical Main Business Overview

13.14.5 Kunrui optical Latest Developments

13.15 FORTECH

13.15.1 FORTECH Company Information

13.15.2 FORTECH LED Secondary Optic Product Portfolios and Specifications

13.15.3 FORTECH LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)

13.15.4 FORTECH Main Business Overview

13.15.5 FORTECH Latest Developments

### 13.16 Chun Kuang Optics

#### 13.16.1 Chun Kuang Optics Company Information

#### 13.16.2 Chun Kuang Optics LED Secondary Optic Product Portfolios and Specifications

#### 13.16.3 Chun Kuang Optics LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)

#### 13.16.4 Chun Kuang Optics Main Business Overview

#### 13.16.5 Chun Kuang Optics Latest Developments

### 13.17 Wuxi Kinglux Glass Lens

#### 13.17.1 Wuxi Kinglux Glass Lens Company Information

#### 13.17.2 Wuxi Kinglux Glass Lens LED Secondary Optic Product Portfolios and Specifications

#### 13.17.3 Wuxi Kinglux Glass Lens LED Secondary Optic Sales, Revenue, Price and Gross Margin (2018-2023)

#### 13.17.4 Wuxi Kinglux Glass Lens Main Business Overview

#### 13.17.5 Wuxi Kinglux Glass Lens Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

Table 1. LED Secondary Optic Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. LED Secondary Optic Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Reflector

Table 4. Major Players of LED Secondary Lens

Table 5. Major Players of Others

Table 6. Global LED Secondary Optic Sales by Type (2018-2023) & (K Units)

Table 7. Global LED Secondary Optic Sales Market Share by Type (2018-2023)

Table 8. Global LED Secondary Optic Revenue by Type (2018-2023) & (\$ million)

Table 9. Global LED Secondary Optic Revenue Market Share by Type (2018-2023)

Table 10. Global LED Secondary Optic Sale Price by Type (2018-2023) & (USD/Unit)

Table 11. Global LED Secondary Optic Sales by Application (2018-2023) & (K Units)

Table 12. Global LED Secondary Optic Sales Market Share by Application (2018-2023)

Table 13. Global LED Secondary Optic Revenue by Application (2018-2023)

Table 14. Global LED Secondary Optic Revenue Market Share by Application (2018-2023)

Table 15. Global LED Secondary Optic Sale Price by Application (2018-2023) & (USD/Unit)

Table 16. Global LED Secondary Optic Sales by Company (2018-2023) & (K Units)

Table 17. Global LED Secondary Optic Sales Market Share by Company (2018-2023)

Table 18. Global LED Secondary Optic Revenue by Company (2018-2023) (\$ Millions)

Table 19. Global LED Secondary Optic Revenue Market Share by Company (2018-2023)

Table 20. Global LED Secondary Optic Sale Price by Company (2018-2023) & (USD/Unit)

Table 21. Key Manufacturers LED Secondary Optic Producing Area Distribution and Sales Area

Table 22. Players LED Secondary Optic Products Offered

Table 23. LED Secondary Optic Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global LED Secondary Optic Sales by Geographic Region (2018-2023) & (K Units)



Table 27. Global LED Secondary Optic Sales Market Share Geographic Region (2018-2023)

Table 28. Global LED Secondary Optic Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 29. Global LED Secondary Optic Revenue Market Share by Geographic Region (2018-2023)

Table 30. Global LED Secondary Optic Sales by Country/Region (2018-2023) & (K Units)

Table 31. Global LED Secondary Optic Sales Market Share by Country/Region (2018-2023)

Table 32. Global LED Secondary Optic Revenue by Country/Region (2018-2023) & (\$ millions)

Table 33. Global LED Secondary Optic Revenue Market Share by Country/Region (2018-2023)

Table 34. Americas LED Secondary Optic Sales by Country (2018-2023) & (K Units)

Table 35. Americas LED Secondary Optic Sales Market Share by Country (2018-2023)

Table 36. Americas LED Secondary Optic Revenue by Country (2018-2023) & (\$ Millions)

Table 37. Americas LED Secondary Optic Revenue Market Share by Country (2018-2023)

Table 38. Americas LED Secondary Optic Sales by Type (2018-2023) & (K Units)

Table 39. Americas LED Secondary Optic Sales by Application (2018-2023) & (K Units)

Table 40. APAC LED Secondary Optic Sales by Region (2018-2023) & (K Units)

Table 41. APAC LED Secondary Optic Sales Market Share by Region (2018-2023)

Table 42. APAC LED Secondary Optic Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC LED Secondary Optic Revenue Market Share by Region (2018-2023)

Table 44. APAC LED Secondary Optic Sales by Type (2018-2023) & (K Units)

Table 45. APAC LED Secondary Optic Sales by Application (2018-2023) & (K Units)

Table 46. Europe LED Secondary Optic Sales by Country (2018-2023) & (K Units)

Table 47. Europe LED Secondary Optic Sales Market Share by Country (2018-2023)

Table 48. Europe LED Secondary Optic Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe LED Secondary Optic Revenue Market Share by Country (2018-2023)

Table 50. Europe LED Secondary Optic Sales by Type (2018-2023) & (K Units)

Table 51. Europe LED Secondary Optic Sales by Application (2018-2023) & (K Units)

Table 52. Middle East & Africa LED Secondary Optic Sales by Country (2018-2023) & (K Units)

Table 53. Middle East & Africa LED Secondary Optic Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa LED Secondary Optic Revenue by Country (2018-2023)

& (\$ Millions)

Table 55. Middle East & Africa LED Secondary Optic Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa LED Secondary Optic Sales by Type (2018-2023) & (K Units)

Table 57. Middle East & Africa LED Secondary Optic Sales by Application (2018-2023) & (K Units)

Table 58. Key Market Drivers & Growth Opportunities of LED Secondary Optic

Table 59. Key Market Challenges & Risks of LED Secondary Optic

Table 60. Key Industry Trends of LED Secondary Optic

Table 61. LED Secondary Optic Raw Material

Table 62. Key Suppliers of Raw Materials

Table 63. LED Secondary Optic Distributors List

Table 64. LED Secondary Optic Customer List

Table 65. Global LED Secondary Optic Sales Forecast by Region (2024-2029) & (K Units)

Table 66. Global LED Secondary Optic Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 67. Americas LED Secondary Optic Sales Forecast by Country (2024-2029) & (K Units)

Table 68. Americas LED Secondary Optic Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 69. APAC LED Secondary Optic Sales Forecast by Region (2024-2029) & (K Units)

Table 70. APAC LED Secondary Optic Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 71. Europe LED Secondary Optic Sales Forecast by Country (2024-2029) & (K Units)

Table 72. Europe LED Secondary Optic Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 73. Middle East & Africa LED Secondary Optic Sales Forecast by Country (2024-2029) & (K Units)

Table 74. Middle East & Africa LED Secondary Optic Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 75. Global LED Secondary Optic Sales Forecast by Type (2024-2029) & (K Units)

Table 76. Global LED Secondary Optic Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 77. Global LED Secondary Optic Sales Forecast by Application (2024-2029) & (K Units)



Table 78. Global LED Secondary Optic Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 79. Ledlink Optics Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 80. Ledlink Optics LED Secondary Optic Product Portfolios and Specifications

Table 81. Ledlink Optics LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 82. Ledlink Optics Main Business

Table 83. Ledlink Optics Latest Developments

Table 84. Carclo Optics Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 85. Carclo Optics LED Secondary Optic Product Portfolios and Specifications

Table 86. Carclo Optics LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 87. Carclo Optics Main Business

Table 88. Carclo Optics Latest Developments

Table 89. Auer Lighting Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 90. Auer Lighting LED Secondary Optic Product Portfolios and Specifications

Table 91. Auer Lighting LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 92. Auer Lighting Main Business

Table 93. Auer Lighting Latest Developments

Table 94. LEDIL Oy Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 95. LEDIL Oy LED Secondary Optic Product Portfolios and Specifications

Table 96. LEDIL Oy LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 97. LEDIL Oy Main Business

Table 98. LEDIL Oy Latest Developments

Table 99. FRAEN Corporation Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 100. FRAEN Corporation LED Secondary Optic Product Portfolios and Specifications

Table 101. FRAEN Corporation LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 102. FRAEN Corporation Main Business

Table 103. FRAEN Corporation Latest Developments

Table 104. GAGGIONE (Lednlight) Basic Information, LED Secondary Optic

Manufacturing Base, Sales Area and Its Competitors

Table 105. GAGGIONE (Lednlight) LED Secondary Optic Product Portfolios and Specifications

Table 106. GAGGIONE (Lednlight) LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 107. GAGGIONE (Lednlight) Main Business

Table 108. GAGGIONE (Lednlight) Latest Developments

Table 109. Bicom Optics Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 110. Bicom Optics LED Secondary Optic Product Portfolios and Specifications

Table 111. Bicom Optics LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 112. Bicom Optics Main Business

Table 113. Bicom Optics Latest Developments

Table 114. Darkoo Optics Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 115. Darkoo Optics LED Secondary Optic Product Portfolios and Specifications

Table 116. Darkoo Optics LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 117. Darkoo Optics Main Business

Table 118. Darkoo Optics Latest Developments

Table 119. Aether systems Inc Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 120. Aether systems Inc LED Secondary Optic Product Portfolios and Specifications

Table 121. Aether systems Inc LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 122. Aether systems Inc Main Business

Table 123. Aether systems Inc Latest Developments

Table 124. B&M Optics Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 125. B&M Optics LED Secondary Optic Product Portfolios and Specifications

Table 126. B&M Optics LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 127. B&M Optics Main Business

Table 128. B&M Optics Latest Developments

Table 129. ShenZhen Likeda Optical Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 130. ShenZhen Likeda Optical LED Secondary Optic Product Portfolios and

## Specifications

Table 131. ShenZhen Likeda Optical LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 132. ShenZhen Likeda Optical Main Business

Table 133. ShenZhen Likeda Optical Latest Developments

Table 134. HENGLI Optical Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 135. HENGLI Optical LED Secondary Optic Product Portfolios and Specifications

Table 136. HENGLI Optical LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 137. HENGLI Optical Main Business

Table 138. HENGLI Optical Latest Developments

Table 139. Brightlx Limited Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 140. Brightlx Limited LED Secondary Optic Product Portfolios and Specifications

Table 141. Brightlx Limited LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 142. Brightlx Limited Main Business

Table 143. Brightlx Limited Latest Developments

Table 144. Kunrui optical Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 145. Kunrui optical LED Secondary Optic Product Portfolios and Specifications

Table 146. Kunrui optical LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 147. Kunrui optical Main Business

Table 148. Kunrui optical Latest Developments

Table 149. FORTECH Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 150. FORTECH LED Secondary Optic Product Portfolios and Specifications

Table 151. FORTECH LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 152. FORTECH Main Business

Table 153. FORTECH Latest Developments

Table 154. Chun Kuang Optics Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 155. Chun Kuang Optics LED Secondary Optic Product Portfolios and Specifications

Table 156. Chun Kuang Optics LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 157. Chun Kuang Optics Main Business

Table 158. Chun Kuang Optics Latest Developments

Table 159. Wuxi Kinglux Glass Lens Basic Information, LED Secondary Optic Manufacturing Base, Sales Area and Its Competitors

Table 160. Wuxi Kinglux Glass Lens LED Secondary Optic Product Portfolios and Specifications

Table 161. Wuxi Kinglux Glass Lens LED Secondary Optic Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 162. Wuxi Kinglux Glass Lens Main Business

Table 163. Wuxi Kinglux Glass Lens Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of LED Secondary Optic
- Figure 2. LED Secondary Optic Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global LED Secondary Optic Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global LED Secondary Optic Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. LED Secondary Optic Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Reflector
- Figure 10. Product Picture of LED Secondary Lens
- Figure 11. Product Picture of Others
- Figure 12. Global LED Secondary Optic Sales Market Share by Type in 2022
- Figure 13. Global LED Secondary Optic Revenue Market Share by Type (2018-2023)
- Figure 14. LED Secondary Optic Consumed in Street Lighting
- Figure 15. Global LED Secondary Optic Market: Street Lighting (2018-2023) & (K Units)
- Figure 16. LED Secondary Optic Consumed in Commercial Lighting
- Figure 17. Global LED Secondary Optic Market: Commercial Lighting (2018-2023) & (K Units)
- Figure 18. LED Secondary Optic Consumed in Architectural Lighting
- Figure 19. Global LED Secondary Optic Market: Architectural Lighting (2018-2023) & (K Units)
- Figure 20. LED Secondary Optic Consumed in Indoor Lighting
- Figure 21. Global LED Secondary Optic Market: Indoor Lighting (2018-2023) & (K Units)
- Figure 22. LED Secondary Optic Consumed in Automotive Lighting
- Figure 23. Global LED Secondary Optic Market: Automotive Lighting (2018-2023) & (K Units)
- Figure 24. LED Secondary Optic Consumed in Others
- Figure 25. Global LED Secondary Optic Market: Others (2018-2023) & (K Units)
- Figure 26. Global LED Secondary Optic Sales Market Share by Application (2022)
- Figure 27. Global LED Secondary Optic Revenue Market Share by Application in 2022
- Figure 28. LED Secondary Optic Sales Market by Company in 2022 (K Units)
- Figure 29. Global LED Secondary Optic Sales Market Share by Company in 2022
- Figure 30. LED Secondary Optic Revenue Market by Company in 2022 (\$ Million)
- Figure 31. Global LED Secondary Optic Revenue Market Share by Company in 2022
- Figure 32. Global LED Secondary Optic Sales Market Share by Geographic Region



(2018-2023)

Figure 33. Global LED Secondary Optic Revenue Market Share by Geographic Region in 2022

Figure 34. Americas LED Secondary Optic Sales 2018-2023 (K Units)

Figure 35. Americas LED Secondary Optic Revenue 2018-2023 (\$ Millions)

Figure 36. APAC LED Secondary Optic Sales 2018-2023 (K Units)

Figure 37. APAC LED Secondary Optic Revenue 2018-2023 (\$ Millions)

Figure 38. Europe LED Secondary Optic Sales 2018-2023 (K Units)

Figure 39. Europe LED Secondary Optic Revenue 2018-2023 (\$ Millions)

Figure 40. Middle East & Africa LED Secondary Optic Sales 2018-2023 (K Units)

Figure 41. Middle East & Africa LED Secondary Optic Revenue 2018-2023 (\$ Millions)

Figure 42. Americas LED Secondary Optic Sales Market Share by Country in 2022

Figure 43. Americas LED Secondary Optic Revenue Market Share by Country in 2022

Figure 44. Americas LED Secondary Optic Sales Market Share by Type (2018-2023)

Figure 45. Americas LED Secondary Optic Sales Market Share by Application

(2018-2023)

Figure 46. United States LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 47. Canada LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 48. Mexico LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 49. Brazil LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 50. APAC LED Secondary Optic Sales Market Share by Region in 2022

Figure 51. APAC LED Secondary Optic Revenue Market Share by Regions in 2022

Figure 52. APAC LED Secondary Optic Sales Market Share by Type (2018-2023)

Figure 53. APAC LED Secondary Optic Sales Market Share by Application (2018-2023)

Figure 54. China LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 55. Japan LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 56. South Korea LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 57. Southeast Asia LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 58. India LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 59. Australia LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 60. China Taiwan LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 61. Europe LED Secondary Optic Sales Market Share by Country in 2022

Figure 62. Europe LED Secondary Optic Revenue Market Share by Country in 2022

Figure 63. Europe LED Secondary Optic Sales Market Share by Type (2018-2023)

Figure 64. Europe LED Secondary Optic Sales Market Share by Application

(2018-2023)

Figure 65. Germany LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

Figure 66. France LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)

- Figure 67. UK LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)
- Figure 68. Italy LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)
- Figure 69. Russia LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)
- Figure 70. Middle East & Africa LED Secondary Optic Sales Market Share by Country in 2022
- Figure 71. Middle East & Africa LED Secondary Optic Revenue Market Share by Country in 2022
- Figure 72. Middle East & Africa LED Secondary Optic Sales Market Share by Type (2018-2023)
- Figure 73. Middle East & Africa LED Secondary Optic Sales Market Share by Application (2018-2023)
- Figure 74. Egypt LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)
- Figure 75. South Africa LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)
- Figure 76. Israel LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)
- Figure 77. Turkey LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)
- Figure 78. GCC Country LED Secondary Optic Revenue Growth 2018-2023 (\$ Millions)
- Figure 79. Manufacturing Cost Structure Analysis of LED Secondary Optic in 2022
- Figure 80. Manufacturing Process Analysis of LED Secondary Optic
- Figure 81. Industry Chain Structure of LED Secondary Optic
- Figure 82. Channels of Distribution
- Figure 83. Global LED Secondary Optic Sales Market Forecast by Region (2024-2029)
- Figure 84. Global LED Secondary Optic Revenue Market Share Forecast by Region (2024-2029)
- Figure 85. Global LED Secondary Optic Sales Market Share Forecast by Type (2024-2029)
- Figure 86. Global LED Secondary Optic Revenue Market Share Forecast by Type (2024-2029)
- Figure 87. Global LED Secondary Optic Sales Market Share Forecast by Application (2024-2029)
- Figure 88. Global LED Secondary Optic Revenue Market Share Forecast by Application (2024-2029)

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