

Global White Light Sensor Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G89F0F2CFBEDEN.html>

Date: July 2026

Pages: 121

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

ID: G89F0F2CFBEDEN

Abstracts

The global White Light Sensor market size is expected to reach \$ 1348 million by 2032, rising at a market growth of 8.0% CAGR during the forecast period (2026-2032).

White-light sensors in this report refer to non-contact optical sensors that use white light or broadband light sources for precision measurement. The core product scope includes chromatic confocal displacement sensors, white-light confocal displacement sensors, white-light interferometric displacement or thickness sensors, and white-light interferometry-based surface profiling sensors. These sensors convert displacement, distance, thickness, surface profile, transparent-layer thickness or multilayer structure information into high-precision measurement signals through chromatic focusing, spectral decoding or low-coherence interferometry. Key applications include semiconductors, display panels, glass, films, lithium batteries, precision machining, consumer electronics, automotive components, optical components, medical devices and metrology laboratories.

From the perspective of the global supply landscape, the white-light / chromatic confocal sensor market is led by Japanese and German vendors in high-end industrial automation and precision measurement applications. Keyence has strong advantages in industrial in-line measurement, supported by its automation sales channels, high level of product integration, and broad customer coverage. Micro-Epsilon covers distance, thickness, and multilayer transparent-material measurement through its confocalDT and white-light interferometry products. Precitec's CHRcodile product line is highly specialized in chromatic confocal measurement. OMRON and SICK, leveraging their industrial sensor portfolios and automation customer bases, have also entered the high-precision confocal displacement measurement segment. Mainland Chinese vendors are entering the market through import substitution, customized applications, and in-line

inspection scenarios in new energy and 3C electronics. Companies such as Hypersen, LightE-Technology, Wonsor, LiSen Optics, and Pomeas have launched chromatic confocal, line chromatic confocal, or white-light interferometry-related products. Their main opportunities come from lithium batteries, display panels, glass, 3C structural components, semiconductor packaging, and domestic automation equipment integration. Compared with international leaders, Chinese local companies still lag behind in core optical design, spectral decoding algorithms, long-term stability, high-speed controllers, and global brand channels, but they have advantages in delivery speed, non-standard customization, and cost. From a technology roadmap perspective, the core competitive factors for chromatic confocal sensors include dispersive objective design, spectrometer accuracy, light-source stability, controller sampling speed, resistance to reflection interference, multilayer peak-recognition capability, and adaptability to complex surfaces. The white-light interferometry route places greater emphasis on sub-nanometer resolution, surface morphology, transparent-material thickness, and high-precision laboratory / semiconductor metrology applications. Micro-Epsilon's white-light interferometers emphasize absolute distance measurement and transparent-object / wafer thickness measurement, while Keyence and OMRON are more focused on industrial in-line displacement measurement. STIL / Marposs and Precitec place greater emphasis on the specialized measurement capabilities of chromatic confocal technology itself. Future competition will develop along two main tracks. In the high-end market, competition will center on semiconductors, glass, optical components, automotive parts, and high-end automation production lines, with a focus on accuracy, speed, stability, interference resistance, and multi-material adaptability. In the mid-range and domestic-substitution market, competition will revolve around lithium batteries, 3C electronics, displays, precision structural components, and non-standard automation equipment, with emphasis on price, delivery lead time, service, and customization. As new energy, advanced semiconductor packaging, display panels, and high-end manufacturing place higher requirements on non-contact in-line measurement, white-light / chromatic confocal sensors are expected to grow faster than ordinary displacement sensors.

This report studies the global White Light Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for White Light Sensor and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of White Light Sensor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global White Light Sensor total production and demand, 2021-2032, (K Units)

Global White Light Sensor total production value, 2021-2032, (USD Million)

Global White Light Sensor production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global White Light Sensor consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: White Light Sensor domestic production, consumption, key domestic manufacturers and share

Global White Light Sensor production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global White Light Sensor production by Measurement Principle, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global White Light Sensor production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global White Light Sensor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Keyence Corporation, Micro-Epsilon Messtechnik GmbH & Co. KG, Precitec GmbH & Co. KG, OMRON Corporation, SICK AG, Marposs S.p.A., Polytec GmbH, Hypersen Technologies Co., Ltd., Shenzhen LightE-Technology Co., Ltd., Wonsor, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World White Light Sensor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Measurement Principle, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global White Light Sensor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global White Light Sensor Market, Segmentation by Measurement Principle:

Chromatic Confocal Sensor

White-light Confocal Sensor

White-light Interferometric Sensor

Line Chromatic Confocal Sensor

Other

Global White Light Sensor Market, Segmentation by Measurement Object:

Distance

Thickness

Surface Profile

Multilayer Structure

Micro-feature

Global White Light Sensor Market, Segmentation by Sensor Format:

Point Sensor

Line Sensor

Multi-point Sensor

Probe + Controller System

Integrated Measurement Head

Global White Light Sensor Market, Segmentation by Application:

Semiconductor

Display & Glass

Battery & New Energy

Consumer Electronics

Precision Machining

Automotive

Metrology & Research

Companies Profiled:

Keyence Corporation

Micro-Epsilon Messtechnik GmbH & Co. KG

Precitec GmbH & Co. KG

OMRON Corporation

SICK AG

Marposs S.p.A.

Polytec GmbH

Hypersen Technologies Co., Ltd.

Shenzhen LightE-Technology Co., Ltd.

Wonsor

LiSen Optics

Atometrics

ZYGO Corporation

Bruker Corporation

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

- 1.1 White Light Sensor Introduction
- 1.2 World White Light Sensor Supply & Forecast
 - 1.2.1 World White Light Sensor Production Value (2021 & 2025 & 2032)
 - 1.2.2 World White Light Sensor Production (2021-2032)
 - 1.2.3 World White Light Sensor Pricing Trends (2021-2032)
- 1.3 World White Light Sensor Production by Region (Based on Production Site)
 - 1.3.1 World White Light Sensor Production Value by Region (2021-2032)
 - 1.3.2 World White Light Sensor Production by Region (2021-2032)
 - 1.3.3 World White Light Sensor Average Price by Region (2021-2032)
 - 1.3.4 North America White Light Sensor Production (2021-2032)
 - 1.3.5 Europe White Light Sensor Production (2021-2032)
 - 1.3.6 China White Light Sensor Production (2021-2032)
 - 1.3.7 Japan White Light Sensor Production (2021-2032)
 - 1.3.8 South Korea White Light Sensor Production (2021-2032)
 - 1.3.9 Taiwan China White Light Sensor Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 White Light Sensor Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 White Light Sensor Major Market Trends

2 DEMAND SUMMARY

- 2.1 World White Light Sensor Demand (2021-2032)
- 2.2 World White Light Sensor Consumption by Region
 - 2.2.1 World White Light Sensor Consumption by Region (2021-2026)
 - 2.2.2 World White Light Sensor Consumption Forecast by Region (2027-2032)
- 2.3 United States White Light Sensor Consumption (2021-2032)
- 2.4 China White Light Sensor Consumption (2021-2032)
- 2.5 Europe White Light Sensor Consumption (2021-2032)
- 2.6 Japan White Light Sensor Consumption (2021-2032)
- 2.7 South Korea White Light Sensor Consumption (2021-2032)
- 2.8 ASEAN White Light Sensor Consumption (2021-2032)
- 2.9 India White Light Sensor Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World White Light Sensor Production Value by Manufacturer (2021-2026)
- 3.2 World White Light Sensor Production by Manufacturer (2021-2026)
- 3.3 World White Light Sensor Average Price by Manufacturer (2021-2026)
- 3.4 White Light Sensor Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global White Light Sensor Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for White Light Sensor in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for White Light Sensor in 2025
- 3.6 White Light Sensor Market: Overall Company Footprint Analysis
 - 3.6.1 White Light Sensor Market: Region Footprint
 - 3.6.2 White Light Sensor Market: Company Product Type Footprint
 - 3.6.3 White Light Sensor Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: White Light Sensor Production Value Comparison
 - 4.1.1 United States VS China: White Light Sensor Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: White Light Sensor Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: White Light Sensor Production Comparison
 - 4.2.1 United States VS China: White Light Sensor Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: White Light Sensor Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: White Light Sensor Consumption Comparison
 - 4.3.1 United States VS China: White Light Sensor Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: White Light Sensor Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based White Light Sensor Manufacturers and Market Share, 2021-2026

4.4.1 United States Based White Light Sensor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers White Light Sensor Production Value (2021-2026)

4.4.3 United States Based Manufacturers White Light Sensor Production (2021-2026)

4.5 China Based White Light Sensor Manufacturers and Market Share

4.5.1 China Based White Light Sensor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers White Light Sensor Production Value (2021-2026)

4.5.3 China Based Manufacturers White Light Sensor Production (2021-2026)

4.6 Rest of World Based White Light Sensor Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based White Light Sensor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers White Light Sensor Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers White Light Sensor Production (2021-2026)

5 MARKET ANALYSIS BY MEASUREMENT PRINCIPLE

5.1 World White Light Sensor Market Size Overview by Measurement Principle: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Measurement Principle

5.2.1 Chromatic Confocal Sensor

5.2.2 White-light Confocal Sensor

5.2.3 White-light Interferometric Sensor

5.2.4 Line Chromatic Confocal Sensor

5.2.5 Other

5.3 Market Segment by Measurement Principle

5.3.1 World White Light Sensor Production by Measurement Principle (2021-2032)

5.3.2 World White Light Sensor Production Value by Measurement Principle (2021-2032)

5.3.3 World White Light Sensor Average Price by Measurement Principle (2021-2032)

6 MARKET ANALYSIS BY MEASUREMENT OBJECT

6.1 World White Light Sensor Market Size Overview by Measurement Object: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Measurement Object

- 6.2.1 Distance
- 6.2.2 Thickness
- 6.2.3 Surface Profile
- 6.2.4 Multilayer Structure
- 6.2.5 Micro-feature

6.3 Market Segment by Measurement Object

- 6.3.1 World White Light Sensor Production by Measurement Object (2021-2032)
- 6.3.2 World White Light Sensor Production Value by Measurement Object (2021-2032)
- 6.3.3 World White Light Sensor Average Price by Measurement Object (2021-2032)

7 MARKET ANALYSIS BY SENSOR FORMAT

7.1 World White Light Sensor Market Size Overview by Sensor Format: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Sensor Format

- 7.2.1 Point Sensor
- 7.2.2 Line Sensor
- 7.2.3 Multi-point Sensor
- 7.2.4 Probe + Controller System
- 7.2.5 Integrated Measurement Head

7.3 Market Segment by Sensor Format

- 7.3.1 World White Light Sensor Production by Sensor Format (2021-2032)
- 7.3.2 World White Light Sensor Production Value by Sensor Format (2021-2032)
- 7.3.3 World White Light Sensor Average Price by Sensor Format (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World White Light Sensor Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

- 8.2.1 Semiconductor
- 8.2.2 Display & Glass
- 8.2.3 Battery & New Energy
- 8.2.4 Consumer Electronics
- 8.2.5 Precision Machining
- 8.2.6 Automotive
- 8.2.7 Metrology & Research

8.3 Market Segment by Application

- 8.3.1 World White Light Sensor Production by Application (2021-2032)

8.3.2 World White Light Sensor Production Value by Application (2021-2032)

8.3.3 World White Light Sensor Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Keyence Corporation

9.1.1 Keyence Corporation Details

9.1.2 Keyence Corporation Major Business

9.1.3 Keyence Corporation White Light Sensor Product and Services

9.1.4 Keyence Corporation White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Keyence Corporation Recent Developments/Updates

9.1.6 Keyence Corporation Competitive Strengths & Weaknesses

9.2 Micro-Epsilon Messtechnik GmbH & Co. KG

9.2.1 Micro-Epsilon Messtechnik GmbH & Co. KG Details

9.2.2 Micro-Epsilon Messtechnik GmbH & Co. KG Major Business

9.2.3 Micro-Epsilon Messtechnik GmbH & Co. KG White Light Sensor Product and Services

9.2.4 Micro-Epsilon Messtechnik GmbH & Co. KG White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Micro-Epsilon Messtechnik GmbH & Co. KG Recent Developments/Updates

9.2.6 Micro-Epsilon Messtechnik GmbH & Co. KG Competitive Strengths & Weaknesses

9.3 Precitec GmbH & Co. KG

9.3.1 Precitec GmbH & Co. KG Details

9.3.2 Precitec GmbH & Co. KG Major Business

9.3.3 Precitec GmbH & Co. KG White Light Sensor Product and Services

9.3.4 Precitec GmbH & Co. KG White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Precitec GmbH & Co. KG Recent Developments/Updates

9.3.6 Precitec GmbH & Co. KG Competitive Strengths & Weaknesses

9.4 OMRON Corporation

9.4.1 OMRON Corporation Details

9.4.2 OMRON Corporation Major Business

9.4.3 OMRON Corporation White Light Sensor Product and Services

9.4.4 OMRON Corporation White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 OMRON Corporation Recent Developments/Updates

9.4.6 OMRON Corporation Competitive Strengths & Weaknesses

9.5 SICK AG

9.5.1 SICK AG Details

9.5.2 SICK AG Major Business

9.5.3 SICK AG White Light Sensor Product and Services

9.5.4 SICK AG White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 SICK AG Recent Developments/Updates

9.5.6 SICK AG Competitive Strengths & Weaknesses

9.6 Marposs S.p.A.

9.6.1 Marposs S.p.A. Details

9.6.2 Marposs S.p.A. Major Business

9.6.3 Marposs S.p.A. White Light Sensor Product and Services

9.6.4 Marposs S.p.A. White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Marposs S.p.A. Recent Developments/Updates

9.6.6 Marposs S.p.A. Competitive Strengths & Weaknesses

9.7 Polytec GmbH

9.7.1 Polytec GmbH Details

9.7.2 Polytec GmbH Major Business

9.7.3 Polytec GmbH White Light Sensor Product and Services

9.7.4 Polytec GmbH White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Polytec GmbH Recent Developments/Updates

9.7.6 Polytec GmbH Competitive Strengths & Weaknesses

9.8 Hypersen Technologies Co., Ltd.

9.8.1 Hypersen Technologies Co., Ltd. Details

9.8.2 Hypersen Technologies Co., Ltd. Major Business

9.8.3 Hypersen Technologies Co., Ltd. White Light Sensor Product and Services

9.8.4 Hypersen Technologies Co., Ltd. White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Hypersen Technologies Co., Ltd. Recent Developments/Updates

9.8.6 Hypersen Technologies Co., Ltd. Competitive Strengths & Weaknesses

9.9 Shenzhen LightE-Technology Co., Ltd.

9.9.1 Shenzhen LightE-Technology Co., Ltd. Details

9.9.2 Shenzhen LightE-Technology Co., Ltd. Major Business

9.9.3 Shenzhen LightE-Technology Co., Ltd. White Light Sensor Product and Services

9.9.4 Shenzhen LightE-Technology Co., Ltd. White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Shenzhen LightE-Technology Co., Ltd. Recent Developments/Updates

- 9.9.6 Shenzhen LightE-Technology Co., Ltd. Competitive Strengths & Weaknesses
- 9.10 Wonsor
 - 9.10.1 Wonsor Details
 - 9.10.2 Wonsor Major Business
 - 9.10.3 Wonsor White Light Sensor Product and Services
 - 9.10.4 Wonsor White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Wonsor Recent Developments/Updates
 - 9.10.6 Wonsor Competitive Strengths & Weaknesses
- 9.11 LiSen Optics
 - 9.11.1 LiSen Optics Details
 - 9.11.2 LiSen Optics Major Business
 - 9.11.3 LiSen Optics White Light Sensor Product and Services
 - 9.11.4 LiSen Optics White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 LiSen Optics Recent Developments/Updates
 - 9.11.6 LiSen Optics Competitive Strengths & Weaknesses
- 9.12 Atometrics
 - 9.12.1 Atometrics Details
 - 9.12.2 Atometrics Major Business
 - 9.12.3 Atometrics White Light Sensor Product and Services
 - 9.12.4 Atometrics White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Atometrics Recent Developments/Updates
 - 9.12.6 Atometrics Competitive Strengths & Weaknesses
- 9.13 ZYGO Corporation
 - 9.13.1 ZYGO Corporation Details
 - 9.13.2 ZYGO Corporation Major Business
 - 9.13.3 ZYGO Corporation White Light Sensor Product and Services
 - 9.13.4 ZYGO Corporation White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 ZYGO Corporation Recent Developments/Updates
 - 9.13.6 ZYGO Corporation Competitive Strengths & Weaknesses
- 9.14 Bruker Corporation
 - 9.14.1 Bruker Corporation Details
 - 9.14.2 Bruker Corporation Major Business
 - 9.14.3 Bruker Corporation White Light Sensor Product and Services
 - 9.14.4 Bruker Corporation White Light Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.14.5 Bruker Corporation Recent Developments/Updates

9.14.6 Bruker Corporation Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 White Light Sensor Industry Chain

10.2 White Light Sensor Upstream Analysis

10.2.1 White Light Sensor Core Raw Materials

10.2.2 Main Manufacturers of White Light Sensor Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 White Light Sensor Production Mode

10.6 White Light Sensor Procurement Model

10.7 White Light Sensor Industry Sales Model and Sales Channels

10.7.1 White Light Sensor Sales Model

10.7.2 White Light Sensor Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World White Light Sensor Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World White Light Sensor Production Value by Region (2021-2026) & (USD Million)

Table 3. World White Light Sensor Production Value by Region (2027-2032) & (USD Million)

Table 4. World White Light Sensor Production Value Market Share by Region (2021-2026)

Table 5. World White Light Sensor Production Value Market Share by Region (2027-2032)

Table 6. World White Light Sensor Production by Region (2021-2026) & (K Units)

Table 7. World White Light Sensor Production by Region (2027-2032) & (K Units)

Table 8. World White Light Sensor Production Market Share by Region (2021-2026)

Table 9. World White Light Sensor Production Market Share by Region (2027-2032)

Table 10. World White Light Sensor Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World White Light Sensor Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. White Light Sensor Major Market Trends

Table 13. World White Light Sensor Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World White Light Sensor Consumption by Region (2021-2026) & (K Units)

Table 15. World White Light Sensor Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World White Light Sensor Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key White Light Sensor Producers in 2025

Table 18. World White Light Sensor Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key White Light Sensor Producers in 2025

Table 20. World White Light Sensor Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global White Light Sensor Company Evaluation Quadrant

Table 22. World White Light Sensor Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and White Light Sensor Production Site of Key Manufacturer

Table 24. White Light Sensor Market: Company Product Type Footprint

Table 25. White Light Sensor Market: Company Product Application Footprint
Table 26. White Light Sensor Competitive Factors
Table 27. White Light Sensor New Entrant and Capacity Expansion Plans
Table 28. White Light Sensor Mergers & Acquisitions Activity
Table 29. United States VS China White Light Sensor Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China White Light Sensor Production Comparison, (2021 & 2025 & 2032) & (K Units)
Table 31. United States VS China White Light Sensor Consumption Comparison, (2021 & 2025 & 2032) & (K Units)
Table 32. United States Based White Light Sensor Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers White Light Sensor Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers White Light Sensor Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers White Light Sensor Production (2021-2026) & (K Units)
Table 36. United States Based Manufacturers White Light Sensor Production Market Share (2021-2026)
Table 37. China Based White Light Sensor Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers White Light Sensor Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers White Light Sensor Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers White Light Sensor Production, (2021-2026) & (K Units)
Table 41. China Based Manufacturers White Light Sensor Production Market Share (2021-2026)
Table 42. Rest of World Based White Light Sensor Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers White Light Sensor Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers White Light Sensor Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers White Light Sensor Production, (2021-2026) & (K Units)
Table 46. Rest of World Based Manufacturers White Light Sensor Production Market

Share (2021-2026)

Table 47. World White Light Sensor Production Value by Measurement Principle, (USD Million), 2021 & 2025 & 2032

Table 48. World White Light Sensor Production by Measurement Principle (2021-2026) & (K Units)

Table 49. World White Light Sensor Production by Measurement Principle (2027-2032) & (K Units)

Table 50. World White Light Sensor Production Value by Measurement Principle (2021-2026) & (USD Million)

Table 51. World White Light Sensor Production Value by Measurement Principle (2027-2032) & (USD Million)

Table 52. World White Light Sensor Average Price by Measurement Principle (2021-2026) & (US\$/Unit)

Table 53. World White Light Sensor Average Price by Measurement Principle (2027-2032) & (US\$/Unit)

Table 54. World White Light Sensor Production Value by Measurement Object, (USD Million), 2021 & 2025 & 2032

Table 55. World White Light Sensor Production by Measurement Object (2021-2026) & (K Units)

Table 56. World White Light Sensor Production by Measurement Object (2027-2032) & (K Units)

Table 57. World White Light Sensor Production Value by Measurement Object (2021-2026) & (USD Million)

Table 58. World White Light Sensor Production Value by Measurement Object (2027-2032) & (USD Million)

Table 59. World White Light Sensor Average Price by Measurement Object (2021-2026) & (US\$/Unit)

Table 60. World White Light Sensor Average Price by Measurement Object (2027-2032) & (US\$/Unit)

Table 61. World White Light Sensor Production Value by Sensor Format, (USD Million), 2021 & 2025 & 2032

Table 62. World White Light Sensor Production by Sensor Format (2021-2026) & (K Units)

Table 63. World White Light Sensor Production by Sensor Format (2027-2032) & (K Units)

Table 64. World White Light Sensor Production Value by Sensor Format (2021-2026) & (USD Million)

Table 65. World White Light Sensor Production Value by Sensor Format (2027-2032) & (USD Million)

Table 66. World White Light Sensor Average Price by Sensor Format (2021-2026) & (US\$/Unit)

Table 67. World White Light Sensor Average Price by Sensor Format (2027-2032) & (US\$/Unit)

Table 68. World White Light Sensor Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World White Light Sensor Production by Application (2021-2026) & (K Units)

Table 70. World White Light Sensor Production by Application (2027-2032) & (K Units)

Table 71. World White Light Sensor Production Value by Application (2021-2026) & (USD Million)

Table 72. World White Light Sensor Production Value by Application (2027-2032) & (USD Million)

Table 73. World White Light Sensor Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World White Light Sensor Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Keyence Corporation Basic Information, Manufacturing Base and Competitors

Table 76. Keyence Corporation Major Business

Table 77. Keyence Corporation White Light Sensor Product and Services

Table 78. Keyence Corporation White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Keyence Corporation Recent Developments/Updates

Table 80. Keyence Corporation Competitive Strengths & Weaknesses

Table 81. Micro-Epsilon Messtechnik GmbH & Co. KG Basic Information, Manufacturing Base and Competitors

Table 82. Micro-Epsilon Messtechnik GmbH & Co. KG Major Business

Table 83. Micro-Epsilon Messtechnik GmbH & Co. KG White Light Sensor Product and Services

Table 84. Micro-Epsilon Messtechnik GmbH & Co. KG White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Micro-Epsilon Messtechnik GmbH & Co. KG Recent Developments/Updates

Table 86. Micro-Epsilon Messtechnik GmbH & Co. KG Competitive Strengths & Weaknesses

Table 87. Precitec GmbH & Co. KG Basic Information, Manufacturing Base and Competitors

Table 88. Precitec GmbH & Co. KG Major Business

Table 89. Precitec GmbH & Co. KG White Light Sensor Product and Services

Table 90. Precitec GmbH & Co. KG White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Precitec GmbH & Co. KG Recent Developments/Updates

Table 92. Precitec GmbH & Co. KG Competitive Strengths & Weaknesses

Table 93. OMRON Corporation Basic Information, Manufacturing Base and Competitors

Table 94. OMRON Corporation Major Business

Table 95. OMRON Corporation White Light Sensor Product and Services

Table 96. OMRON Corporation White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. OMRON Corporation Recent Developments/Updates

Table 98. OMRON Corporation Competitive Strengths & Weaknesses

Table 99. SICK AG Basic Information, Manufacturing Base and Competitors

Table 100. SICK AG Major Business

Table 101. SICK AG White Light Sensor Product and Services

Table 102. SICK AG White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. SICK AG Recent Developments/Updates

Table 104. SICK AG Competitive Strengths & Weaknesses

Table 105. Marposs S.p.A. Basic Information, Manufacturing Base and Competitors

Table 106. Marposs S.p.A. Major Business

Table 107. Marposs S.p.A. White Light Sensor Product and Services

Table 108. Marposs S.p.A. White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Marposs S.p.A. Recent Developments/Updates

Table 110. Marposs S.p.A. Competitive Strengths & Weaknesses

Table 111. Polytec GmbH Basic Information, Manufacturing Base and Competitors

Table 112. Polytec GmbH Major Business

Table 113. Polytec GmbH White Light Sensor Product and Services

Table 114. Polytec GmbH White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Polytec GmbH Recent Developments/Updates

Table 116. Polytec GmbH Competitive Strengths & Weaknesses

Table 117. Hypersen Technologies Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 118. Hypersen Technologies Co., Ltd. Major Business

Table 119. Hypersen Technologies Co., Ltd. White Light Sensor Product and Services

Table 120. Hypersen Technologies Co., Ltd. White Light Sensor Production (K Units),

Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Hypersen Technologies Co., Ltd. Recent Developments/Updates

Table 122. Hypersen Technologies Co., Ltd. Competitive Strengths & Weaknesses

Table 123. Shenzhen LightE-Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 124. Shenzhen LightE-Technology Co., Ltd. Major Business

Table 125. Shenzhen LightE-Technology Co., Ltd. White Light Sensor Product and Services

Table 126. Shenzhen LightE-Technology Co., Ltd. White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Shenzhen LightE-Technology Co., Ltd. Recent Developments/Updates

Table 128. Shenzhen LightE-Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 129. Wonsor Basic Information, Manufacturing Base and Competitors

Table 130. Wonsor Major Business

Table 131. Wonsor White Light Sensor Product and Services

Table 132. Wonsor White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Wonsor Recent Developments/Updates

Table 134. Wonsor Competitive Strengths & Weaknesses

Table 135. LiSen Optics Basic Information, Manufacturing Base and Competitors

Table 136. LiSen Optics Major Business

Table 137. LiSen Optics White Light Sensor Product and Services

Table 138. LiSen Optics White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. LiSen Optics Recent Developments/Updates

Table 140. LiSen Optics Competitive Strengths & Weaknesses

Table 141. Atometrics Basic Information, Manufacturing Base and Competitors

Table 142. Atometrics Major Business

Table 143. Atometrics White Light Sensor Product and Services

Table 144. Atometrics White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Atometrics Recent Developments/Updates

Table 146. Atometrics Competitive Strengths & Weaknesses

Table 147. ZYGO Corporation Basic Information, Manufacturing Base and Competitors

Table 148. ZYGO Corporation Major Business

Table 149. ZYGO Corporation White Light Sensor Product and Services

Table 150. ZYGO Corporation White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. ZYGO Corporation Recent Developments/Updates

Table 152. ZYGO Corporation Competitive Strengths & Weaknesses

Table 153. Bruker Corporation Basic Information, Manufacturing Base and Competitors

Table 154. Bruker Corporation Major Business

Table 155. Bruker Corporation White Light Sensor Product and Services

Table 156. Bruker Corporation White Light Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Bruker Corporation Recent Developments/Updates

Table 158. Bruker Corporation Competitive Strengths & Weaknesses

Table 159. Global Key Players of White Light Sensor Upstream (Raw Materials)

Table 160. Global White Light Sensor Typical Customers

Table 161. White Light Sensor Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. White Light Sensor Picture

Figure 2. World White Light Sensor Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World White Light Sensor Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World White Light Sensor Production (2021-2032) & (K Units)

Figure 5. World White Light Sensor Average Price (2021-2032) & (US\$/Unit)

Figure 6. World White Light Sensor Production Value Market Share by Region (2021-2032)

Figure 7. World White Light Sensor Production Market Share by Region (2021-2032)

Figure 8. North America White Light Sensor Production (2021-2032) & (K Units)

Figure 9. Europe White Light Sensor Production (2021-2032) & (K Units)

Figure 10. China White Light Sensor Production (2021-2032) & (K Units)

Figure 11. Japan White Light Sensor Production (2021-2032) & (K Units)

Figure 12. South Korea White Light Sensor Production (2021-2032) & (K Units)

Figure 13. Taiwan China White Light Sensor Production (2021-2032) & (K Units)

Figure 14. White Light Sensor Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World White Light Sensor Consumption (2021-2032) & (K Units)

Figure 17. World White Light Sensor Consumption Market Share by Region (2021-2032)

Figure 18. United States White Light Sensor Consumption (2021-2032) & (K Units)

Figure 19. China White Light Sensor Consumption (2021-2032) & (K Units)

Figure 20. Europe White Light Sensor Consumption (2021-2032) & (K Units)

Figure 21. Japan White Light Sensor Consumption (2021-2032) & (K Units)

Figure 22. South Korea White Light Sensor Consumption (2021-2032) & (K Units)

Figure 23. ASEAN White Light Sensor Consumption (2021-2032) & (K Units)

Figure 24. India White Light Sensor Consumption (2021-2032) & (K Units)

Figure 25. Producer Shipments of White Light Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for White Light Sensor Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for White Light Sensor Markets in 2025

Figure 28. United States VS China: White Light Sensor Production Value Market Share

Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: White Light Sensor Production Market Share

Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: White Light Sensor Consumption Market Share

Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers White Light Sensor Production Market Share 2025

Figure 32. China Based Manufacturers White Light Sensor Production Market Share 2025

Figure 33. Rest of World Based Manufacturers White Light Sensor Production Market Share 2025

Figure 34. World White Light Sensor Production Value by Measurement Principle, (USD Million), 2021 & 2025 & 2032

Figure 35. World White Light Sensor Production Value Market Share by Measurement Principle in 2025

Figure 36. Chromatic Confocal Sensor

Figure 37. White-light Confocal Sensor

Figure 38. White-light Interferometric Sensor

Figure 39. Line Chromatic Confocal Sensor

Figure 40. Other

Figure 41. World White Light Sensor Production Market Share by Measurement Principle (2021-2032)

Figure 42. World White Light Sensor Production Value Market Share by Measurement Principle (2021-2032)

Figure 43. World White Light Sensor Average Price by Measurement Principle (2021-2032) & (US\$/Unit)

Figure 44. World White Light Sensor Production Value by Measurement Object, (USD Million), 2021 & 2025 & 2032

Figure 45. World White Light Sensor Production Value Market Share by Measurement Object in 2025

Figure 46. Distance

Figure 47. Thickness

Figure 48. Surface Profile

Figure 49. Multilayer Structure

Figure 50. Micro-feature

Figure 51. World White Light Sensor Production Market Share by Measurement Object (2021-2032)

Figure 52. World White Light Sensor Production Value Market Share by Measurement Object (2021-2032)

- Figure 53. World White Light Sensor Average Price by Measurement Object (2021-2032) & (US\$/Unit)
- Figure 54. World White Light Sensor Production Value by Sensor Format, (USD Million), 2021 & 2025 & 2032
- Figure 55. World White Light Sensor Production Value Market Share by Sensor Format in 2025
- Figure 56. Point Sensor
- Figure 57. Line Sensor
- Figure 58. Multi-point Sensor
- Figure 59. Probe + Controller System
- Figure 60. Integrated Measurement Head
- Figure 61. World White Light Sensor Production Market Share by Sensor Format (2021-2032)
- Figure 62. World White Light Sensor Production Value Market Share by Sensor Format (2021-2032)
- Figure 63. World White Light Sensor Average Price by Sensor Format (2021-2032) & (US\$/Unit)
- Figure 64. World White Light Sensor Production Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 65. World White Light Sensor Production Value Market Share by Application in 2025
- Figure 66. Semiconductor
- Figure 67. Display & Glass
- Figure 68. Battery & New Energy
- Figure 69. Consumer Electronics
- Figure 70. Precision Machining
- Figure 71. Automotive
- Figure 72. Metrology & Research
- Figure 73. World White Light Sensor Production Market Share by Application (2021-2032)
- Figure 74. World White Light Sensor Production Value Market Share by Application (2021-2032)
- Figure 75. World White Light Sensor Average Price by Application (2021-2032) & (US\$/Unit)
- Figure 76. White Light Sensor Industry Chain
- Figure 77. White Light Sensor Procurement Model
- Figure 78. White Light Sensor Sales Model
- Figure 79. White Light Sensor Sales Channels, Direct Sales, and Distribution
- Figure 80. Methodology

Figure 81. Research Process and Data Source

I would like to order

Product name: Global White Light Sensor Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G89F0F2CFBEDEN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G89F0F2CFBEDEN.html>