



Light Source in Image Processing Industry Research Report 2026

Industry	Published	Pages	Format
Electronics & Semiconductor	2026-07-02	131	PDF
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Description

The global Light Source in Image Processing market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Light Source in Image Processing is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Light Source in Image Processing is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Light Source in Image Processing is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Light Source in Image Processing include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Light Source in Image Processing market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Light Source in Image Processing.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Light Source in Image Processing Market by Company

Advanced Illumination

Allied Vision Technologies

Basler

Baumer

CCS Lighting
Cognex Corporation
HikVision
Keyence
Leimac Ltd
MDPI
Omron Corporation
Siemens
Smart Vision Lights
STEMMER IMAGING AG
TPL Vision
ViSCO Technologies USA

Light Source in Image Processing Segment by Type

Xenon Flash Lamp
Fluorescent Lamp
LED
Quartz Halogen Lamp

Light Source in Image Processing Segment by Application

Electronics Industry
Display Industry
Logistics Industry
Semiconductor Industry
Others

Light Source in Image Processing Segment by Region

North America
United States
Canada
Mexico
Europe
Germany
France
U.K.
Italy
Russia
Spain
Netherlands
Switzerland
Sweden
Poland
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan

Southeast Asia
South America
Brazil
Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

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

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Light Source in Image Processing market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Light Source in Image Processing and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Light Source in Image Processing.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

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

Chapter 3:

Detailed analysis of Light Source in Image Processing manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

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

Chapter 5:

Production/output, value of Light Source in Image Processing by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Light Source in Image Processing in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

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

Chapter 8:

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

Chapter 9:

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

Chapter 10:

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

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

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

2 Market Overview

- 2.1 Product Definition
- 2.2 Light Source in Image Processing by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Xenon Flash Lamp
 - 2.2.3 Fluorescent Lamp
 - 2.2.4 LED
 - 2.2.5 Quartz Halogen Lamp
- 2.3 Light Source in Image Processing by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Electronics Industry
 - 2.3.3 Display Industry
 - 2.3.4 Logistics Industry
 - 2.3.5 Semiconductor Industry
 - 2.3.6 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Light Source in Image Processing Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Light Source in Image Processing Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Light Source in Image Processing Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Light Source in Image Processing Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Light Source in Image Processing Production by Manufacturers (2021-2026)
- 3.2 Global Light Source in Image Processing Production Value by Manufacturers (2021-2026)
- 3.3 Global Light Source in Image Processing Average Price by Manufacturers (2021-2026)
- 3.4 Global Light Source in Image Processing Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Light Source in Image Processing Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Light Source in Image Processing Manufacturers, Product Type & Application
- 3.7 Global Light Source in Image Processing Manufacturers Established Date
- 3.8 Global Light Source in Image Processing Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 Advanced Illumination
 - 4.1.1 Advanced Illumination Light Source in Image Processing Company Information
 - 4.1.2 Advanced Illumination Light Source in Image Processing Business Overview
 - 4.1.3 Advanced Illumination Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.1.4 Advanced Illumination Product Portfolio

4.1.5 Advanced Illumination Recent Developments

4.2 Allied Vision Technologies

4.2.1 Allied Vision Technologies Light Source in Image Processing Company Information

4.2.2 Allied Vision Technologies Light Source in Image Processing Business Overview

4.2.3 Allied Vision Technologies Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.2.4 Allied Vision Technologies Product Portfolio

4.2.5 Allied Vision Technologies Recent Developments

4.3 Basler

4.3.1 Basler Light Source in Image Processing Company Information

4.3.2 Basler Light Source in Image Processing Business Overview

4.3.3 Basler Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.3.4 Basler Product Portfolio

4.3.5 Basler Recent Developments

4.4 Baumer

4.4.1 Baumer Light Source in Image Processing Company Information

4.4.2 Baumer Light Source in Image Processing Business Overview

4.4.3 Baumer Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.4.4 Baumer Product Portfolio

4.4.5 Baumer Recent Developments

4.5 CCS Lighting

4.5.1 CCS Lighting Light Source in Image Processing Company Information

4.5.2 CCS Lighting Light Source in Image Processing Business Overview

4.5.3 CCS Lighting Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.5.4 CCS Lighting Product Portfolio

4.5.5 CCS Lighting Recent Developments

4.6 Cognex Corporation

4.6.1 Cognex Corporation Light Source in Image Processing Company Information

4.6.2 Cognex Corporation Light Source in Image Processing Business Overview

4.6.3 Cognex Corporation Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.6.4 Cognex Corporation Product Portfolio

4.6.5 Cognex Corporation Recent Developments

4.7 HikVision

4.7.1 HikVision Light Source in Image Processing Company Information

4.7.2 HikVision Light Source in Image Processing Business Overview

4.7.3 HikVision Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.7.4 HikVision Product Portfolio

4.7.5 HikVision Recent Developments

4.8 Keyence

4.8.1 Keyence Light Source in Image Processing Company Information

4.8.2 Keyence Light Source in Image Processing Business Overview

4.8.3 Keyence Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.8.4 Keyence Product Portfolio

4.8.5 Keyence Recent Developments

4.9 Leimac Ltd

4.9.1 Leimac Ltd Light Source in Image Processing Company Information

4.9.2 Leimac Ltd Light Source in Image Processing Business Overview

4.9.3 Leimac Ltd Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.9.4 Leimac Ltd Product Portfolio

4.9.5 Leimac Ltd Recent Developments

4.10 MDPI

4.10.1 MDPI Light Source in Image Processing Company Information

4.10.2 MDPI Light Source in Image Processing Business Overview

4.10.3 MDPI Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.10.4 MDPI Product Portfolio

4.10.5 MDPI Recent Developments

4.11 Omron Corporation

4.11.1 Omron Corporation Light Source in Image Processing Company Information

4.11.2 Omron Corporation Light Source in Image Processing Business Overview

4.11.3 Omron Corporation Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.11.4 Omron Corporation Product Portfolio

4.11.5 Omron Corporation Recent Developments

4.12 Siemens

4.12.1 Siemens Light Source in Image Processing Company Information

4.12.2 Siemens Light Source in Image Processing Business Overview

4.12.3 Siemens Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.12.4 Siemens Product Portfolio

4.12.5 Siemens Recent Developments

4.13 Smart Vision Lights

4.13.1 Smart Vision Lights Light Source in Image Processing Company Information

4.13.2 Smart Vision Lights Light Source in Image Processing Business Overview

4.13.3 Smart Vision Lights Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.13.4 Smart Vision Lights Product Portfolio

4.13.5 Smart Vision Lights Recent Developments

4.14 STEMMER IMAGING AG

4.14.1 STEMMER IMAGING AG Light Source in Image Processing Company Information

4.14.2 STEMMER IMAGING AG Light Source in Image Processing Business Overview

4.14.3 STEMMER IMAGING AG Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.14.4 STEMMER IMAGING AG Product Portfolio

4.14.5 STEMMER IMAGING AG Recent Developments

4.15 TPL Vision

4.15.1 TPL Vision Light Source in Image Processing Company Information

4.15.2 TPL Vision Light Source in Image Processing Business Overview

4.15.3 TPL Vision Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.15.4 TPL Vision Product Portfolio

4.15.5 TPL Vision Recent Developments

4.16 ViSCO Technologies USA

4.16.1 ViSCO Technologies USA Light Source in Image Processing Company Information

4.16.2 ViSCO Technologies USA Light Source in Image Processing Business Overview

4.16.3 ViSCO Technologies USA Light Source in Image Processing Production, Value and Gross Margin (2021-2026)

4.16.4 ViSCO Technologies USA Product Portfolio

4.16.5 ViSCO Technologies USA Recent Developments

5 Global Light Source in Image Processing Production by Region

5.1 Global Light Source in Image Processing Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.2 Global Light Source in Image Processing Production by Region: 2021-2032

5.2.1 Global Light Source in Image Processing Production by Region: 2021-2026

5.2.2	Global Light Source in Image Processing Production Forecast by Region (2027-2032)
5.3	Global Light Source in Image Processing Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
5.4	Global Light Source in Image Processing Production Value by Region: 2021-2032
5.4.1	Global Light Source in Image Processing Production Value by Region: 2021-2026
5.4.2	Global Light Source in Image Processing Production Value Forecast by Region (2027-2032)
5.5	Global Light Source in Image Processing Market Price Analysis by Region (2021-2026)
5.6	Global Light Source in Image Processing Production and Value, YOY Growth
5.6.1	North America Light Source in Image Processing Production Value Estimates and Forecasts (2021-2032)
5.6.2	Europe Light Source in Image Processing Production Value Estimates and Forecasts (2021-2032)
5.6.3	China Light Source in Image Processing Production Value Estimates and Forecasts (2021-2032)
5.6.4	Japan Light Source in Image Processing Production Value Estimates and Forecasts (2021-2032)
5.6.5	South Korea Light Source in Image Processing Production Value Estimates and Forecasts (2021-2032)

6 Global Light Source in Image Processing Consumption by Region

6.1	Global Light Source in Image Processing Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
6.2	Global Light Source in Image Processing Consumption by Region (2021-2032)
6.2.1	Global Light Source in Image Processing Consumption by Region: 2021-2026
6.2.2	Global Light Source in Image Processing Forecasted Consumption by Region (2027-2032)
6.3	North America
6.3.1	North America Light Source in Image Processing Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
6.3.2	North America Light Source in Image Processing Consumption by Country (2021-2032)
6.3.3	United States
6.3.4	Canada
6.3.5	Mexico
6.4	Europe
6.4.1	Europe Light Source in Image Processing Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
6.4.2	Europe Light Source in Image Processing Consumption by Country (2021-2032)
6.4.3	Germany
6.4.4	France
6.4.5	U.K.
6.4.6	Italy
6.4.7	Russia
6.4.8	Spain
6.4.9	Netherlands
6.4.10	Switzerland
6.4.11	Sweden
6.4.12	Poland
6.5	Asia Pacific
6.5.1	Asia Pacific Light Source in Image Processing Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
6.5.2	Asia Pacific Light Source in Image Processing Consumption by Country (2021-2032)
6.5.3	China
6.5.4	Japan
6.5.5	South Korea
6.5.6	India
6.5.7	Australia
6.5.8	Taiwan
6.5.9	Southeast Asia
6.6	South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Light Source in Image Processing Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
6.6.2 South America, Middle East & Africa Light Source in Image Processing Consumption by Country (2021-2032)
6.6.3 Brazil
6.6.4 Argentina
6.6.5 Chile
6.6.6 Turkey
6.6.7 GCC Countries

7 Segment by Type

7.1 Global Light Source in Image Processing Production by Type (2021-2032)
7.1.1 Global Light Source in Image Processing Production by Type (2021-2032) & (k units)
7.1.2 Global Light Source in Image Processing Production Market Share by Type (2021-2032)
7.2 Global Light Source in Image Processing Production Value by Type (2021-2032)
7.2.1 Global Light Source in Image Processing Production Value by Type (2021-2032) & (US\$ Million)
7.2.2 Global Light Source in Image Processing Production Value Market Share by Type (2021-2032)
7.3 Global Light Source in Image Processing Price by Type (2021-2032)

8 Segment by Application

8.1 Global Light Source in Image Processing Production by Application (2021-2032)
8.1.1 Global Light Source in Image Processing Production by Application (2021-2032) & (k units)
8.1.2 Global Light Source in Image Processing Production Market Share by Application (2021-2032)
8.2 Global Light Source in Image Processing Production Value by Application (2021-2032)
8.2.1 Global Light Source in Image Processing Production Value by Application (2021-2032) & (US\$ Million)
8.2.2 Global Light Source in Image Processing Production Value Market Share by Application (2021-2032)
8.3 Global Light Source in Image Processing Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 Light Source in Image Processing Value Chain Analysis
9.1.1 Light Source in Image Processing Key Raw Materials
9.1.2 Raw Materials Key Suppliers
9.1.3 Light Source in Image Processing Production Mode & Process
9.2 Light Source in Image Processing Sales Channels Analysis
9.2.1 Direct Comparison with Distribution Share
9.2.2 Light Source in Image Processing Distributors
9.2.3 Light Source in Image Processing Customers

10 Global Light Source in Image Processing Analyzing Market Dynamics

10.1 Light Source in Image Processing Industry Trends
10.2 Light Source in Image Processing Industry Drivers
10.3 Light Source in Image Processing Industry Opportunities and Challenges
10.4 Light Source in Image Processing Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Light Source in Image Processing Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Light Source in Image Processing Production Market Share by Manufacturers
- Table 7: Global Light Source in Image Processing Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Light Source in Image Processing Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Light Source in Image Processing Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Light Source in Image Processing Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Light Source in Image Processing Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Light Source in Image Processing Manufacturers, Product Type & Application
- Table 13: Global Light Source in Image Processing Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Light Source in Image Processing by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Advanced Illumination Company Information
- Table 18: Advanced Illumination Business Overview
- Table 19: Advanced Illumination Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: Advanced Illumination Light Source in Image Processing Product Portfolio
- Table 21: Advanced Illumination Recent Development
- Table 22: Allied Vision Technologies Company Information
- Table 23: Allied Vision Technologies Business Overview
- Table 24: Allied Vision Technologies Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Allied Vision Technologies Light Source in Image Processing Product Portfolio
- Table 26: Allied Vision Technologies Recent Development
- Table 27: Basler Company Information
- Table 28: Basler Business Overview
- Table 29: Basler Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: Basler Light Source in Image Processing Product Portfolio
- Table 31: Basler Recent Development
- Table 32: Baumer Company Information
- Table 33: Baumer Business Overview
- Table 34: Baumer Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: Baumer Light Source in Image Processing Product Portfolio
- Table 36: Baumer Recent Development
- Table 37: CCS Lighting Company Information
- Table 38: CCS Lighting Business Overview
- Table 39: CCS Lighting Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: CCS Lighting Light Source in Image Processing Product Portfolio
- Table 41: CCS Lighting Recent Development
- Table 42: Cognex Corporation Company Information
- Table 43: Cognex Corporation Business Overview
- Table 44: Cognex Corporation Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Cognex Corporation Light Source in Image Processing Product Portfolio
- Table 46: Cognex Corporation Recent Development
- Table 47: HikVision Company Information
- Table 48: HikVision Business Overview

- Table 49: HikVision Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: HikVision Light Source in Image Processing Product Portfolio
- Table 51: HikVision Recent Development
- Table 52: Keyence Company Information
- Table 53: Keyence Business Overview
- Table 54: Keyence Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: Keyence Light Source in Image Processing Product Portfolio
- Table 56: Keyence Recent Development
- Table 57: Leimac Ltd Company Information
- Table 58: Leimac Ltd Business Overview
- Table 59: Leimac Ltd Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: Leimac Ltd Light Source in Image Processing Product Portfolio
- Table 61: Leimac Ltd Recent Development
- Table 62: MDPI Company Information
- Table 63: MDPI Business Overview
- Table 64: MDPI Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: MDPI Light Source in Image Processing Product Portfolio
- Table 66: MDPI Recent Development
- Table 67: Omron Corporation Company Information
- Table 68: Omron Corporation Business Overview
- Table 69: Omron Corporation Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: Omron Corporation Light Source in Image Processing Product Portfolio
- Table 71: Omron Corporation Recent Development
- Table 72: Siemens Company Information
- Table 73: Siemens Business Overview
- Table 74: Siemens Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: Siemens Light Source in Image Processing Product Portfolio
- Table 76: Siemens Recent Development
- Table 77: Smart Vision Lights Company Information
- Table 78: Smart Vision Lights Business Overview
- Table 79: Smart Vision Lights Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: Smart Vision Lights Light Source in Image Processing Product Portfolio
- Table 81: Smart Vision Lights Recent Development
- Table 82: STEMMER IMAGING AG Company Information
- Table 83: STEMMER IMAGING AG Business Overview
- Table 84: STEMMER IMAGING AG Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 85: STEMMER IMAGING AG Light Source in Image Processing Product Portfolio
- Table 86: STEMMER IMAGING AG Recent Development
- Table 87: TPL Vision Company Information
- Table 88: TPL Vision Business Overview
- Table 89: TPL Vision Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 90: TPL Vision Light Source in Image Processing Product Portfolio
- Table 91: TPL Vision Recent Development
- Table 92: ViSCO Technologies USA Company Information
- Table 93: ViSCO Technologies USA Business Overview
- Table 94: ViSCO Technologies USA Light Source in Image Processing Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 95: ViSCO Technologies USA Light Source in Image Processing Product Portfolio
- Table 96: ViSCO Technologies USA Recent Development
- Table 97: Global Light Source in Image Processing Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 98: Global Light Source in Image Processing Production by Region (2021-2026) & (k units)
- Table 99: Global Light Source in Image Processing Production Market Share by Region (2021-2026)
- Table 100: Global Light Source in Image Processing Production Forecast by Region (2027-2032) & (k units)
- Table 101: Global Light Source in Image Processing Production Market Share Forecast by Region (2027-2032)
- Table 102: Global Light Source in Image Processing Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)

- Table 103: Global Light Source in Image Processing Production Value by Region (2021-2026) & (US\$ Million)
- Table 104: Global Light Source in Image Processing Production Value Market Share by Region (2021-2026)
- Table 105: Global Light Source in Image Processing Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 106: Global Light Source in Image Processing Market Average Price (USD/unit) by Region (2021-2026)
- Table 107: Global Light Source in Image Processing Market Average Price (USD/unit) by Region (2027-2032)
- Table 108: Global Light Source in Image Processing Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 109: Global Light Source in Image Processing Consumption by Region (2021-2026) & (k units)
- Table 110: Global Light Source in Image Processing Consumption Market Share by Region (2021-2026)
- Table 111: Global Light Source in Image Processing Forecasted Consumption by Region (2027-2032) & (k units)
- Table 112: Global Light Source in Image Processing Forecasted Consumption Market Share by Region (2027-2032)
- Table 113: North America Light Source in Image Processing Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 114: North America Light Source in Image Processing Consumption by Country (2021-2026) & (k units)
- Table 115: North America Light Source in Image Processing Consumption by Country (2027-2032) & (k units)
- Table 116: Europe Light Source in Image Processing Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 117: Europe Light Source in Image Processing Consumption by Country (2021-2026) & (k units)
- Table 118: Europe Light Source in Image Processing Consumption by Country (2027-2032) & (k units)
- Table 119: Asia Pacific Light Source in Image Processing Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 120: Asia Pacific Light Source in Image Processing Consumption by Country (2021-2026) & (k units)
- Table 121: Asia Pacific Light Source in Image Processing Consumption by Country (2027-2032) & (k units)
- Table 122: South America, Middle East & Africa Light Source in Image Processing Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 123: South America, Middle East & Africa Light Source in Image Processing Consumption by Country (2021-2026) & (k units)
- Table 124: South America, Middle East & Africa Light Source in Image Processing Consumption by Country (2027-2032) & (k units)
- Table 125: Global Light Source in Image Processing Production by Type (2021-2026) & (k units)
- Table 126: Global Light Source in Image Processing Production by Type (2027-2032) & (k units)
- Table 127: Global Light Source in Image Processing Production Market Share by Type (2021-2026)
- Table 128: Global Light Source in Image Processing Production Market Share by Type (2027-2032)
- Table 129: Global Light Source in Image Processing Production Value by Type (2021-2026) & (US\$ Million)
- Table 130: Global Light Source in Image Processing Production Value by Type (2027-2032) & (US\$ Million)
- Table 131: Global Light Source in Image Processing Production Value Market Share by Type (2021-2026)
- Table 132: Global Light Source in Image Processing Production Value Market Share by Type (2027-2032)
- Table 133: Global Light Source in Image Processing Price by Type (2021-2026) & (USD/unit)
- Table 134: Global Light Source in Image Processing Price by Type (2027-2032) & (USD/unit)
- Table 135: Global Light Source in Image Processing Production by Application (2021-2026) & (k units)
- Table 136: Global Light Source in Image Processing Production by Application (2027-2032) & (k units)
- Table 137: Global Light Source in Image Processing Production Market Share by Application (2021-2026)
- Table 138: Global Light Source in Image Processing Production Market Share by Application (2027-2032)
- Table 139: Global Light Source in Image Processing Production Value by Application (2021-2026) & (US\$ Million)
- Table 140: Global Light Source in Image Processing Production Value by Application (2027-2032) & (US\$ Million)
- Table 141: Global Light Source in Image Processing Production Value Market Share by Application (2021-2026)
- Table 142: Global Light Source in Image Processing Production Value Market Share by Application (2027-2032)
- Table 143: Global Light Source in Image Processing Price by Application (2021-2026) & (USD/unit)
- Table 144: Global Light Source in Image Processing Price by Application (2027-2032) & (USD/unit)
- Table 145: Key Raw Materials
- Table 146: Raw Materials Key Suppliers
- Table 147: Light Source in Image Processing Distributors List
- Table 148: Light Source in Image Processing Customers List
- Table 149: Light Source in Image Processing Industry Trends
- Table 150: Light Source in Image Processing Industry Drivers
- Table 151: Light Source in Image Processing Industry Restraints
- Table 152: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Light Source in Image Processing Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Xenon Flash Lamp Product Image

- Figure 7: Fluorescent Lamp Product Image
- Figure 8: LED Product Image
- Figure 9: Quartz Halogen Lamp Product Image
- Figure 10: Electronics Industry Product Image
- Figure 11: Display Industry Product Image
- Figure 12: Logistics Industry Product Image
- Figure 13: Semiconductor Industry Product Image
- Figure 14: Others Product Image
- Figure 15: Global Light Source in Image Processing Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 16: Global Light Source in Image Processing Production Value (2021-2032) & (US\$ Million)
- Figure 17: Global Light Source in Image Processing Production Capacity (2021-2032) & (k units)
- Figure 18: Global Light Source in Image Processing Production (2021-2032) & (k units)
- Figure 19: Global Light Source in Image Processing Average Price (USD/unit) & (2021-2032)
- Figure 20: Global Light Source in Image Processing Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 21: Global Top 5 and 10 Light Source in Image Processing Players Market Share by Production Value in 2025
- Figure 22: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 23: Global Light Source in Image Processing Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 24: Global Light Source in Image Processing Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 25: Global Light Source in Image Processing Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 26: Global Light Source in Image Processing Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 27: North America Light Source in Image Processing Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Europe Light Source in Image Processing Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: China Light Source in Image Processing Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 30: Japan Light Source in Image Processing Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 31: South Korea Light Source in Image Processing Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 32: Global Light Source in Image Processing Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 33: Global Light Source in Image Processing Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 34: North America Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: North America Light Source in Image Processing Consumption Market Share by Country (2021-2032)
- Figure 36: United States Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: United States Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 38: Canada Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: Mexico Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: Europe Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: Europe Light Source in Image Processing Consumption Market Share by Country (2021-2032)
- Figure 42: Germany Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: France Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: U.K. Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Italy Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Russia Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Spain Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Netherlands Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Switzerland Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Sweden Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Poland Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Asia Pacific Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: Asia Pacific Light Source in Image Processing Consumption Market Share by Country (2021-2032)
- Figure 54: China Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Japan Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: South Korea Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: India Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: Australia Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: Taiwan Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: Southeast Asia Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: South America, Middle East & Africa Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: South America, Middle East & Africa Light Source in Image Processing Consumption Market Share by Country (2021-2032)
- Figure 63: Brazil Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: Argentina Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 65: Chile Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 66: Turkey Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 67: GCC Countries Light Source in Image Processing Consumption and Growth Rate (2021-2032) & (k units)
- Figure 68: Global Light Source in Image Processing Production Market Share by Type (2021-2032)

- Figure 69: Global Light Source in Image Processing Production Value Market Share by Type (2021-2032)
- Figure 70: Global Light Source in Image Processing Price (USD/unit) by Type (2021-2032)
- Figure 71: Global Light Source in Image Processing Production Market Share by Application (2021-2032)
- Figure 72: Global Light Source in Image Processing Production Value Market Share by Application (2021-2032)
- Figure 73: Global Light Source in Image Processing Price (USD/unit) by Application (2021-2032)
- Figure 74: Light Source in Image Processing Value Chain
- Figure 75: Light Source in Image Processing Production Mode & Process
- Figure 76: Direct Comparison with Distribution Share
- Figure 77: Distributors Profiles
- Figure 78: Light Source in Image Processing Industry Opportunities and Challenges