



Super Luminescent Diodes (SLD) Industry Research Report 2026

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Electronics & Semiconductor	2026-07-04	129	PDF
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Description

The global Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD).

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.

Super Luminescent Diodes (SLD) Market by Company

Anritsu Group (Japan)

Innolume (German)

Thorlabs (USA)

InPhenix (USA)

Superlum (Ireland)
Nanoplus (German)
EXALOS AG (Switzerland)
Box Optronics Technology (China)
Denselight Semiconductor (Singapore)
Nolatech (Russia)
Hamamatsu Photonics (Japan)
Eblana Photonics (Ireland)
Sintec Optronics (Singapore)
LD-PD Pte. Ltd. (Singapore)

Super Luminescent Diodes (SLD) Segment by Type

Below 500 nm
500 - 1000 nm
1000 - 1500 nm
Above 1500 nm

Super Luminescent Diodes (SLD) Segment by Application

Medical
Communication
Industrial
Other

Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD).
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 Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Below 500 nm
 - 2.2.3 500 - 1000 nm
 - 2.2.4 1000 - 1500 nm
 - 2.2.5 Above 1500 nm
- 2.3 Super Luminescent Diodes (SLD) by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Medical
 - 2.3.3 Communication
 - 2.3.4 Industrial
 - 2.3.5 Other
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Super Luminescent Diodes (SLD) Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Super Luminescent Diodes (SLD) Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Super Luminescent Diodes (SLD) Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Super Luminescent Diodes (SLD) Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

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

4 Manufacturers Profiled

- 4.1 Anritsu Group (Japan)
 - 4.1.1 Anritsu Group (Japan) Super Luminescent Diodes (SLD) Company Information
 - 4.1.2 Anritsu Group (Japan) Super Luminescent Diodes (SLD) Business Overview
 - 4.1.3 Anritsu Group (Japan) Super Luminescent Diodes (SLD) Production, Value and Gross Margin (2021-2026)
 - 4.1.4 Anritsu Group (Japan) Product Portfolio

[4.1.5 Anritsu Group \(Japan\) Recent Developments](#)

[4.2 Innolume \(German\)](#)

[4.2.1 Innolume \(German\) Super Luminescent Diodes \(SLD\) Company Information](#)

[4.2.2 Innolume \(German\) Super Luminescent Diodes \(SLD\) Business Overview](#)

[4.2.3 Innolume \(German\) Super Luminescent Diodes \(SLD\) Production, Value and Gross Margin \(2021-2026\)](#)

[4.2.4 Innolume \(German\) Product Portfolio](#)

[4.2.5 Innolume \(German\) Recent Developments](#)

[4.3 Thorlabs \(USA\)](#)

[4.3.1 Thorlabs \(USA\) Super Luminescent Diodes \(SLD\) Company Information](#)

[4.3.2 Thorlabs \(USA\) Super Luminescent Diodes \(SLD\) Business Overview](#)

[4.3.3 Thorlabs \(USA\) Super Luminescent Diodes \(SLD\) Production, Value and Gross Margin \(2021-2026\)](#)

[4.3.4 Thorlabs \(USA\) Product Portfolio](#)

[4.3.5 Thorlabs \(USA\) Recent Developments](#)

[4.4 InPhenix \(USA\)](#)

[4.4.1 InPhenix \(USA\) Super Luminescent Diodes \(SLD\) Company Information](#)

[4.4.2 InPhenix \(USA\) Super Luminescent Diodes \(SLD\) Business Overview](#)

[4.4.3 InPhenix \(USA\) Super Luminescent Diodes \(SLD\) Production, Value and Gross Margin \(2021-2026\)](#)

[4.4.4 InPhenix \(USA\) Product Portfolio](#)

[4.4.5 InPhenix \(USA\) Recent Developments](#)

[4.5 Superlum \(Ireland\)](#)

[4.5.1 Superlum \(Ireland\) Super Luminescent Diodes \(SLD\) Company Information](#)

[4.5.2 Superlum \(Ireland\) Super Luminescent Diodes \(SLD\) Business Overview](#)

[4.5.3 Superlum \(Ireland\) Super Luminescent Diodes \(SLD\) Production, Value and Gross Margin \(2021-2026\)](#)

[4.5.4 Superlum \(Ireland\) Product Portfolio](#)

[4.5.5 Superlum \(Ireland\) Recent Developments](#)

[4.6 Nanoplus \(German\)](#)

[4.6.1 Nanoplus \(German\) Super Luminescent Diodes \(SLD\) Company Information](#)

[4.6.2 Nanoplus \(German\) Super Luminescent Diodes \(SLD\) Business Overview](#)

[4.6.3 Nanoplus \(German\) Super Luminescent Diodes \(SLD\) Production, Value and Gross Margin \(2021-2026\)](#)

[4.6.4 Nanoplus \(German\) Product Portfolio](#)

[4.6.5 Nanoplus \(German\) Recent Developments](#)

[4.7 EXALOS AG \(Switzerland\)](#)

[4.7.1 EXALOS AG \(Switzerland\) Super Luminescent Diodes \(SLD\) Company Information](#)

[4.7.2 EXALOS AG \(Switzerland\) Super Luminescent Diodes \(SLD\) Business Overview](#)

[4.7.3 EXALOS AG \(Switzerland\) Super Luminescent Diodes \(SLD\) Production, Value and Gross Margin \(2021-2026\)](#)

[4.7.4 EXALOS AG \(Switzerland\) Product Portfolio](#)

[4.7.5 EXALOS AG \(Switzerland\) Recent Developments](#)

[4.8 Box Optronics Technology \(China\)](#)

[4.8.1 Box Optronics Technology \(China\) Super Luminescent Diodes \(SLD\) Company Information](#)

[4.8.2 Box Optronics Technology \(China\) Super Luminescent Diodes \(SLD\) Business Overview](#)

[4.8.3 Box Optronics Technology \(China\) Super Luminescent Diodes \(SLD\) Production, Value and Gross Margin \(2021-2026\)](#)

[4.8.4 Box Optronics Technology \(China\) Product Portfolio](#)

[4.8.5 Box Optronics Technology \(China\) Recent Developments](#)

[4.9 Denselight Semiconductor \(Singapore\)](#)

[4.9.1 Denselight Semiconductor \(Singapore\) Super Luminescent Diodes \(SLD\) Company Information](#)

[4.9.2 Denselight Semiconductor \(Singapore\) Super Luminescent Diodes \(SLD\) Business Overview](#)

4.9.3 Denselight Semiconductor (Singapore) Super Luminescent Diodes (SLD) Production, Value and Gross Margin (2021-2026)

4.9.4 Denselight Semiconductor (Singapore) Product Portfolio

4.9.5 Denselight Semiconductor (Singapore) Recent Developments

4.10 Nolatech (Russia)

4.10.1 Nolatech (Russia) Super Luminescent Diodes (SLD) Company Information

4.10.2 Nolatech (Russia) Super Luminescent Diodes (SLD) Business Overview

4.10.3 Nolatech (Russia) Super Luminescent Diodes (SLD) Production, Value and Gross Margin (2021-2026)

4.10.4 Nolatech (Russia) Product Portfolio

4.10.5 Nolatech (Russia) Recent Developments

4.11 Hamamatsu Photonics (Japan)

4.11.1 Hamamatsu Photonics (Japan) Super Luminescent Diodes (SLD) Company Information

4.11.2 Hamamatsu Photonics (Japan) Super Luminescent Diodes (SLD) Business Overview

4.11.3 Hamamatsu Photonics (Japan) Super Luminescent Diodes (SLD) Production, Value and Gross Margin (2021-2026)

4.11.4 Hamamatsu Photonics (Japan) Product Portfolio

4.11.5 Hamamatsu Photonics (Japan) Recent Developments

4.12 Eblana Photonics (Ireland)

4.12.1 Eblana Photonics (Ireland) Super Luminescent Diodes (SLD) Company Information

4.12.2 Eblana Photonics (Ireland) Super Luminescent Diodes (SLD) Business Overview

4.12.3 Eblana Photonics (Ireland) Super Luminescent Diodes (SLD) Production, Value and Gross Margin (2021-2026)

4.12.4 Eblana Photonics (Ireland) Product Portfolio

4.12.5 Eblana Photonics (Ireland) Recent Developments

4.13 Sintec Optronics (Singapore)

4.13.1 Sintec Optronics (Singapore) Super Luminescent Diodes (SLD) Company Information

4.13.2 Sintec Optronics (Singapore) Super Luminescent Diodes (SLD) Business Overview

4.13.3 Sintec Optronics (Singapore) Super Luminescent Diodes (SLD) Production, Value and Gross Margin (2021-2026)

4.13.4 Sintec Optronics (Singapore) Product Portfolio

4.13.5 Sintec Optronics (Singapore) Recent Developments

4.14 LD-PD Pte. Ltd. (Singapore)

4.14.1 LD-PD Pte. Ltd. (Singapore) Super Luminescent Diodes (SLD) Company Information

4.14.2 LD-PD Pte. Ltd. (Singapore) Super Luminescent Diodes (SLD) Business Overview

4.14.3 LD-PD Pte. Ltd. (Singapore) Super Luminescent Diodes (SLD) Production, Value and Gross Margin (2021-2026)

4.14.4 LD-PD Pte. Ltd. (Singapore) Product Portfolio

4.14.5 LD-PD Pte. Ltd. (Singapore) Recent Developments

5 Global Super Luminescent Diodes (SLD) Production by Region

5.1 Global Super Luminescent Diodes (SLD) Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.2 Global Super Luminescent Diodes (SLD) Production by Region: 2021-2032

5.2.1 Global Super Luminescent Diodes (SLD) Production by Region: 2021-2026

5.2.2 Global Super Luminescent Diodes (SLD) Production Forecast by Region (2027-2032)

5.3 Global Super Luminescent Diodes (SLD) Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.4 Global Super Luminescent Diodes (SLD) Production Value by Region: 2021-2032

5.4.1 Global Super Luminescent Diodes (SLD) Production Value by Region: 2021-2026

5.4.2 Global Super Luminescent Diodes (SLD) Production Value Forecast by Region (2027-2032)

5.5 Global Super Luminescent Diodes (SLD) Market Price Analysis by Region (2021-2026)

5.6 Global Super Luminescent Diodes (SLD) Production and Value, YOY Growth

5.6.1 North America Super Luminescent Diodes (SLD) Production Value Estimates and Forecasts (2021-2032)

5.6.2 Europe Super Luminescent Diodes (SLD) Production Value Estimates and Forecasts (2021-2032)

5.6.3 China Super Luminescent Diodes (SLD) Production Value Estimates and Forecasts (2021-2032)

5.6.4 Japan Super Luminescent Diodes (SLD) Production Value Estimates and Forecasts (2021-2032)

5.6.5 South Korea Super Luminescent Diodes (SLD) Production Value Estimates and Forecasts (2021-2032)

6 Global Super Luminescent Diodes (SLD) Consumption by Region

6.1 Global Super Luminescent Diodes (SLD) Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

6.2 Global Super Luminescent Diodes (SLD) Consumption by Region (2021-2032)

6.2.1 Global Super Luminescent Diodes (SLD) Consumption by Region: 2021-2026

6.2.2 Global Super Luminescent Diodes (SLD) Forecasted Consumption by Region (2027-2032)

6.3 North America

6.3.1 North America Super Luminescent Diodes (SLD) Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.3.2 North America Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.4.2 Europe Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) Production by Type (2021-2032)

- 7.1.1 Global Super Luminescent Diodes (SLD) Production by Type (2021-2032) & (k units)
 - 7.1.2 Global Super Luminescent Diodes (SLD) Production Market Share by Type (2021-2032)
- 7.2 Global Super Luminescent Diodes (SLD) Production Value by Type (2021-2032)
 - 7.2.1 Global Super Luminescent Diodes (SLD) Production Value by Type (2021-2032) & (US\$ Million)
 - 7.2.2 Global Super Luminescent Diodes (SLD) Production Value Market Share by Type (2021-2032)
- 7.3 Global Super Luminescent Diodes (SLD) Price by Type (2021-2032)

8 Segment by Application

- 8.1 Global Super Luminescent Diodes (SLD) Production by Application (2021-2032)
 - 8.1.1 Global Super Luminescent Diodes (SLD) Production by Application (2021-2032) & (k units)
 - 8.1.2 Global Super Luminescent Diodes (SLD) Production Market Share by Application (2021-2032)
- 8.2 Global Super Luminescent Diodes (SLD) Production Value by Application (2021-2032)
 - 8.2.1 Global Super Luminescent Diodes (SLD) Production Value by Application (2021-2032) & (US\$ Million)
 - 8.2.2 Global Super Luminescent Diodes (SLD) Production Value Market Share by Application (2021-2032)
- 8.3 Global Super Luminescent Diodes (SLD) Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

- 9.1 Super Luminescent Diodes (SLD) Value Chain Analysis
 - 9.1.1 Super Luminescent Diodes (SLD) Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers
 - 9.1.3 Super Luminescent Diodes (SLD) Production Mode & Process
- 9.2 Super Luminescent Diodes (SLD) Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Super Luminescent Diodes (SLD) Distributors
 - 9.2.3 Super Luminescent Diodes (SLD) Customers

10 Global Super Luminescent Diodes (SLD) Analyzing Market Dynamics

- 10.1 Super Luminescent Diodes (SLD) Industry Trends
- 10.2 Super Luminescent Diodes (SLD) Industry Drivers
- 10.3 Super Luminescent Diodes (SLD) Industry Opportunities and Challenges
- 10.4 Super Luminescent Diodes (SLD) 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 Super Luminescent Diodes (SLD) Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Super Luminescent Diodes (SLD) Production Market Share by Manufacturers
- Table 7: Global Super Luminescent Diodes (SLD) Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Super Luminescent Diodes (SLD) Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Super Luminescent Diodes (SLD) Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Super Luminescent Diodes (SLD) Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Super Luminescent Diodes (SLD) Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Super Luminescent Diodes (SLD) Manufacturers, Product Type & Application
- Table 13: Global Super Luminescent Diodes (SLD) Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Super Luminescent Diodes (SLD) 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: Anritsu Group (Japan) Company Information
- Table 18: Anritsu Group (Japan) Business Overview
- Table 19: Anritsu Group (Japan) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: Anritsu Group (Japan) Super Luminescent Diodes (SLD) Product Portfolio
- Table 21: Anritsu Group (Japan) Recent Development
- Table 22: Innolume (German) Company Information
- Table 23: Innolume (German) Business Overview
- Table 24: Innolume (German) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Innolume (German) Super Luminescent Diodes (SLD) Product Portfolio
- Table 26: Innolume (German) Recent Development
- Table 27: Thorlabs (USA) Company Information
- Table 28: Thorlabs (USA) Business Overview
- Table 29: Thorlabs (USA) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: Thorlabs (USA) Super Luminescent Diodes (SLD) Product Portfolio
- Table 31: Thorlabs (USA) Recent Development
- Table 32: InPhenix (USA) Company Information
- Table 33: InPhenix (USA) Business Overview
- Table 34: InPhenix (USA) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: InPhenix (USA) Super Luminescent Diodes (SLD) Product Portfolio
- Table 36: InPhenix (USA) Recent Development
- Table 37: Superlum (Ireland) Company Information
- Table 38: Superlum (Ireland) Business Overview
- Table 39: Superlum (Ireland) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: Superlum (Ireland) Super Luminescent Diodes (SLD) Product Portfolio
- Table 41: Superlum (Ireland) Recent Development
- Table 42: Nanoplus (German) Company Information
- Table 43: Nanoplus (German) Business Overview
- Table 44: Nanoplus (German) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Nanoplus (German) Super Luminescent Diodes (SLD) Product Portfolio
- Table 46: Nanoplus (German) Recent Development
- Table 47: EXALOS AG (Switzerland) Company Information
- Table 48: EXALOS AG (Switzerland) Business Overview

- Table 49: EXALOS AG (Switzerland) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: EXALOS AG (Switzerland) Super Luminescent Diodes (SLD) Product Portfolio
- Table 51: EXALOS AG (Switzerland) Recent Development
- Table 52: Box Optronics Technology (China) Company Information
- Table 53: Box Optronics Technology (China) Business Overview
- Table 54: Box Optronics Technology (China) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: Box Optronics Technology (China) Super Luminescent Diodes (SLD) Product Portfolio
- Table 56: Box Optronics Technology (China) Recent Development
- Table 57: Denselight Semiconductor (Singapore) Company Information
- Table 58: Denselight Semiconductor (Singapore) Business Overview
- Table 59: Denselight Semiconductor (Singapore) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: Denselight Semiconductor (Singapore) Super Luminescent Diodes (SLD) Product Portfolio
- Table 61: Denselight Semiconductor (Singapore) Recent Development
- Table 62: Nolatech (Russia) Company Information
- Table 63: Nolatech (Russia) Business Overview
- Table 64: Nolatech (Russia) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: Nolatech (Russia) Super Luminescent Diodes (SLD) Product Portfolio
- Table 66: Nolatech (Russia) Recent Development
- Table 67: Hamamatsu Photonics (Japan) Company Information
- Table 68: Hamamatsu Photonics (Japan) Business Overview
- Table 69: Hamamatsu Photonics (Japan) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: Hamamatsu Photonics (Japan) Super Luminescent Diodes (SLD) Product Portfolio
- Table 71: Hamamatsu Photonics (Japan) Recent Development
- Table 72: Eblana Photonics (Ireland) Company Information
- Table 73: Eblana Photonics (Ireland) Business Overview
- Table 74: Eblana Photonics (Ireland) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: Eblana Photonics (Ireland) Super Luminescent Diodes (SLD) Product Portfolio
- Table 76: Eblana Photonics (Ireland) Recent Development
- Table 77: Sintec Optronics (Singapore) Company Information
- Table 78: Sintec Optronics (Singapore) Business Overview
- Table 79: Sintec Optronics (Singapore) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: Sintec Optronics (Singapore) Super Luminescent Diodes (SLD) Product Portfolio
- Table 81: Sintec Optronics (Singapore) Recent Development
- Table 82: LD-PD Pte. Ltd. (Singapore) Company Information
- Table 83: LD-PD Pte. Ltd. (Singapore) Business Overview
- Table 84: LD-PD Pte. Ltd. (Singapore) Super Luminescent Diodes (SLD) Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 85: LD-PD Pte. Ltd. (Singapore) Super Luminescent Diodes (SLD) Product Portfolio
- Table 86: LD-PD Pte. Ltd. (Singapore) Recent Development
- Table 87: Global Super Luminescent Diodes (SLD) Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 88: Global Super Luminescent Diodes (SLD) Production by Region (2021-2026) & (k units)
- Table 89: Global Super Luminescent Diodes (SLD) Production Market Share by Region (2021-2026)
- Table 90: Global Super Luminescent Diodes (SLD) Production Forecast by Region (2027-2032) & (k units)
- Table 91: Global Super Luminescent Diodes (SLD) Production Market Share Forecast by Region (2027-2032)
- Table 92: Global Super Luminescent Diodes (SLD) Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 93: Global Super Luminescent Diodes (SLD) Production Value by Region (2021-2026) & (US\$ Million)
- Table 94: Global Super Luminescent Diodes (SLD) Production Value Market Share by Region (2021-2026)
- Table 95: Global Super Luminescent Diodes (SLD) Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 96: Global Super Luminescent Diodes (SLD) Market Average Price (USD/unit) by Region (2021-2026)
- Table 97: Global Super Luminescent Diodes (SLD) Market Average Price (USD/unit) by Region (2027-2032)
- Table 98: Global Super Luminescent Diodes (SLD) Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 99: Global Super Luminescent Diodes (SLD) Consumption by Region (2021-2026) & (k units)
- Table 100: Global Super Luminescent Diodes (SLD) Consumption Market Share by Region (2021-2026)
- Table 101: Global Super Luminescent Diodes (SLD) Forecasted Consumption by Region (2027-2032) & (k units)
- Table 102: Global Super Luminescent Diodes (SLD) Forecasted Consumption Market Share by Region (2027-2032)
- Table 103: North America Super Luminescent Diodes (SLD) Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)

- Table 104: North America Super Luminescent Diodes (SLD) Consumption by Country (2021-2026) & (k units)
- Table 105: North America Super Luminescent Diodes (SLD) Consumption by Country (2027-2032) & (k units)
- Table 106: Europe Super Luminescent Diodes (SLD) Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 107: Europe Super Luminescent Diodes (SLD) Consumption by Country (2021-2026) & (k units)
- Table 108: Europe Super Luminescent Diodes (SLD) Consumption by Country (2027-2032) & (k units)
- Table 109: Asia Pacific Super Luminescent Diodes (SLD) Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 110: Asia Pacific Super Luminescent Diodes (SLD) Consumption by Country (2021-2026) & (k units)
- Table 111: Asia Pacific Super Luminescent Diodes (SLD) Consumption by Country (2027-2032) & (k units)
- Table 112: South America, Middle East & Africa Super Luminescent Diodes (SLD) Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 113: South America, Middle East & Africa Super Luminescent Diodes (SLD) Consumption by Country (2021-2026) & (k units)
- Table 114: South America, Middle East & Africa Super Luminescent Diodes (SLD) Consumption by Country (2027-2032) & (k units)
- Table 115: Global Super Luminescent Diodes (SLD) Production by Type (2021-2026) & (k units)
- Table 116: Global Super Luminescent Diodes (SLD) Production by Type (2027-2032) & (k units)
- Table 117: Global Super Luminescent Diodes (SLD) Production Market Share by Type (2021-2026)
- Table 118: Global Super Luminescent Diodes (SLD) Production Market Share by Type (2027-2032)
- Table 119: Global Super Luminescent Diodes (SLD) Production Value by Type (2021-2026) & (US\$ Million)
- Table 120: Global Super Luminescent Diodes (SLD) Production Value by Type (2027-2032) & (US\$ Million)
- Table 121: Global Super Luminescent Diodes (SLD) Production Value Market Share by Type (2021-2026)
- Table 122: Global Super Luminescent Diodes (SLD) Production Value Market Share by Type (2027-2032)
- Table 123: Global Super Luminescent Diodes (SLD) Price by Type (2021-2026) & (USD/unit)
- Table 124: Global Super Luminescent Diodes (SLD) Price by Type (2027-2032) & (USD/unit)
- Table 125: Global Super Luminescent Diodes (SLD) Production by Application (2021-2026) & (k units)
- Table 126: Global Super Luminescent Diodes (SLD) Production by Application (2027-2032) & (k units)
- Table 127: Global Super Luminescent Diodes (SLD) Production Market Share by Application (2021-2026)
- Table 128: Global Super Luminescent Diodes (SLD) Production Market Share by Application (2027-2032)
- Table 129: Global Super Luminescent Diodes (SLD) Production Value by Application (2021-2026) & (US\$ Million)
- Table 130: Global Super Luminescent Diodes (SLD) Production Value by Application (2027-2032) & (US\$ Million)
- Table 131: Global Super Luminescent Diodes (SLD) Production Value Market Share by Application (2021-2026)
- Table 132: Global Super Luminescent Diodes (SLD) Production Value Market Share by Application (2027-2032)
- Table 133: Global Super Luminescent Diodes (SLD) Price by Application (2021-2026) & (USD/unit)
- Table 134: Global Super Luminescent Diodes (SLD) Price by Application (2027-2032) & (USD/unit)
- Table 135: Key Raw Materials
- Table 136: Raw Materials Key Suppliers
- Table 137: Super Luminescent Diodes (SLD) Distributors List
- Table 138: Super Luminescent Diodes (SLD) Customers List
- Table 139: Super Luminescent Diodes (SLD) Industry Trends
- Table 140: Super Luminescent Diodes (SLD) Industry Drivers
- Table 141: Super Luminescent Diodes (SLD) Industry Restraints
- Table 142: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Super Luminescent Diodes (SLD) Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Below 500 nm Product Image
- Figure 7: 500 - 1000 nm Product Image
- Figure 8: 1000 - 1500 nm Product Image
- Figure 9: Above 1500 nm Product Image
- Figure 10: Medical Product Image
- Figure 11: Communication Product Image
- Figure 12: Industrial Product Image
- Figure 13: Other Product Image
- Figure 14: Global Super Luminescent Diodes (SLD) Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 15: Global Super Luminescent Diodes (SLD) Production Value (2021-2032) & (US\$ Million)
- Figure 16: Global Super Luminescent Diodes (SLD) Production Capacity (2021-2032) & (k units)
- Figure 17: Global Super Luminescent Diodes (SLD) Production (2021-2032) & (k units)
- Figure 18: Global Super Luminescent Diodes (SLD) Average Price (USD/unit) & (2021-2032)

- Figure 19: Global Super Luminescent Diodes (SLD) Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 20: Global Top 5 and 10 Super Luminescent Diodes (SLD) Players Market Share by Production Value in 2025
- Figure 21: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 22: Global Super Luminescent Diodes (SLD) Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 23: Global Super Luminescent Diodes (SLD) Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 24: Global Super Luminescent Diodes (SLD) Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 25: Global Super Luminescent Diodes (SLD) Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 26: North America Super Luminescent Diodes (SLD) Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: Europe Super Luminescent Diodes (SLD) Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: China Super Luminescent Diodes (SLD) Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: Japan Super Luminescent Diodes (SLD) Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 30: South Korea Super Luminescent Diodes (SLD) Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 31: Global Super Luminescent Diodes (SLD) Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 32: Global Super Luminescent Diodes (SLD) Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 33: North America Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 34: North America Super Luminescent Diodes (SLD) Consumption Market Share by Country (2021-2032)
- Figure 35: United States Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 36: United States Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: Canada Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 38: Mexico Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: Europe Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: Europe Super Luminescent Diodes (SLD) Consumption Market Share by Country (2021-2032)
- Figure 41: Germany Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: France Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: U.K. Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: Italy Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Russia Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Spain Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Netherlands Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Switzerland Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Sweden Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Poland Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Asia Pacific Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Asia Pacific Super Luminescent Diodes (SLD) Consumption Market Share by Country (2021-2032)
- Figure 53: China Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: Japan Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: South Korea Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: India Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: Australia Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: Taiwan Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: Southeast Asia Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: South America, Middle East & Africa Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: South America, Middle East & Africa Super Luminescent Diodes (SLD) Consumption Market Share by Country (2021-2032)
- Figure 62: Brazil Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: Argentina Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: Chile Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 65: Turkey Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 66: GCC Countries Super Luminescent Diodes (SLD) Consumption and Growth Rate (2021-2032) & (k units)
- Figure 67: Global Super Luminescent Diodes (SLD) Production Market Share by Type (2021-2032)
- Figure 68: Global Super Luminescent Diodes (SLD) Production Value Market Share by Type (2021-2032)
- Figure 69: Global Super Luminescent Diodes (SLD) Price (USD/unit) by Type (2021-2032)
- Figure 70: Global Super Luminescent Diodes (SLD) Production Market Share by Application (2021-2032)
- Figure 71: Global Super Luminescent Diodes (SLD) Production Value Market Share by Application (2021-2032)
- Figure 72: Global Super Luminescent Diodes (SLD) Price (USD/unit) by Application (2021-2032)
- Figure 73: Super Luminescent Diodes (SLD) Value Chain
- Figure 74: Super Luminescent Diodes (SLD) Production Mode & Process
- Figure 75: Direct Comparison with Distribution Share
- Figure 76: Distributors Profiles
- Figure 77: Super Luminescent Diodes (SLD) Industry Opportunities and Challenges

