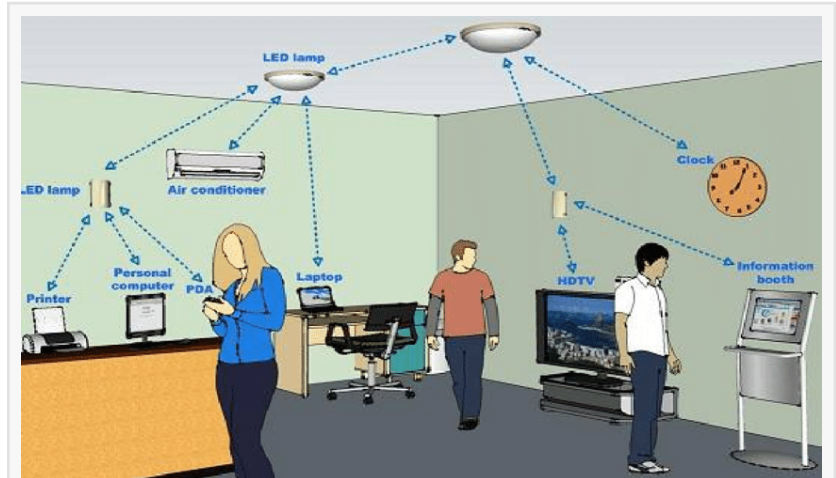


Visible Light Communication Li-Fi Market Size to Worth \$8.5 billion With a 35% CAGR by Exactitude Consultancy

Visible Light Communication Li-Fi Market include Philips Lighting, pureLiFi, Oledcomm, Velmenni, Babcock International

CA, UNITED STATES, February 19, 2025 /EINPresswire.com/ -- The global visible light communication (VLC) and Li-Fi market is anticipated to reach approximately \$1.2 billion by 2024, fueled by increasing demand for high-speed wireless communication and advancements in LED technology. During the forecast period from 2025 to 2034, the market is projected to grow at a Compound Annual Growth Rate (CAGR) of around 35%, potentially reaching \$8.5 billion by 2034.



Visible Light Communication Li-Fi

The report is a well-researched data presentation that analyzes the global [Visible Light](#)

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The Visible Light Communication (Li-Fi) Market is growing rapidly, offering high-speed, secure data transmission using visible light technology.”

Exactitude Consultancy

[Communication Li-Fi](#) market. The study examines some of the most significant facets of the global "Keyword" market and shows how pricing, competition, market dynamics, gross margin, and consumption will affect the market's performance. In addition to a thorough examination of the competitive environment, the study contains in-depth company profiles of the top participants in the "Keyword" market. It provides a summary of precise market data, including production, revenue, market value, volume, market share, and growth rate.

This report is also available in the following languages: Japanese (可視光通信 Li-Fi 市場), Korea (가시광선 통신 Li-Fi 시장), china (可见光通信 Li-Fi 市场), French (Marché de la communication par lumière visible Li-Fi), German (Markt für Notbeleuchtung), and Italy (Mercato della comunicazione a luce visibile Li-Fi),

etc.

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Philips Lighting, pureLiFi, Oledcomm, Velmenni, Babcock International, General Electric (GE), Anew Communication, Lightbee, Lucibel, Nakagawa Laboratories, Legrand, Sony Corporation, Shenzhen Huitian Technology Co., Ltd., Panasonic Corporation, Qualcomm Technologies, Inc., Fraunhofer Institute for Electronic Nano Systems, Muukka Technology, NEC Corporation, Airstar Aerospace, Signify

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By Technology Type

- LED-based Li-Fi
- Laser-based Li-Fi

By Application

- Retail
- Healthcare
- Education
- Transportation
- Smart Homes
- Industrial Automation

By End-User

- Commercial
- Residential
- Industrial

By Component

- Transmitter

- Receiver

- Controller

By Data Rate

- Up to 1 Mbps

- 1-10 Mbps

- 10-100 Mbps

- Above 100 Mbps

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North America (USA, Canada and Mexico)

Europe (UK, Germany, France and the Rest of Europe)

Asia Pacific (China, Japan, India, and the Rest of the Asia Pacific region)

South America (Brazil, Argentina and the Rest of South America)

Middle East and Africa (GCC and Rest of the Middle East and Africa)

The country section of the report also provides individual market-impacting factors and changes in regulations in the market domestically that impact the current and future trends of the market. Data points such as new sales, replacement sales, country demographics, disease epidemiology, and import-export tariffs are some of the major pointers used to forecast the market scenario for individual countries.

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Chapter 1: Industry Overview

Chapter 2: Visible Light Communication Li-Fi International and China Market Analysis

Chapter 3: Environment Analysis of Electrical Services

Chapter 4: Analysis of Revenue by Classifications

Chapter 5: Analysis of Revenue by Regions and Applications

Chapter 6: Analysis of Visible Light Communication Li-Fi Revenue Market Status.

Chapter 7: Analysis of Visible Light Communication Li-Fi Industry Key Manufacturers

Chapter 8: Sales Price and Gross Margin Analysis

Chapter 9: Marketing Trader or Distributor Analysis of Visible Light Communication Li-Fi Market

Chapter 10: Development Trend of Visible Light Communication Li-Fi Industry 2025-2033

Chapter 11: Industry Chain Suppliers of Visible Light Communication Li-Fi with Contact Information

Chapter 12: New Project Investment Feasibility Analysis of Electrical Services

Chapter 13: Conclusion of the Global Visible Light Communication Li-Fi Market Research Report

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What are the strengths and weaknesses of the Visible Light Communication Li-Fi Market?

What are the different marketing and distribution channels?

What is the current CAGR of the Visible Light Communication Li-Fi Market?

What are the Visible Light Communication Li-Fi market opportunities in front of the market?

What are the highest competitors in Visible Light Communication Li-Fi market?

What are the key outcomes of SWOT and Porter's five techniques?

What is the Visible Light Communication Li-Fi market size and growth rate in the forecast period?

Our team is available 24/7 to assist and support our customers through reliable research.

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<https://exactitudeconsultancy.com/reports/45835/green-building-market>

As of 2024, the global green building market is valued at approximately \$600 billion, reflecting a robust demand for sustainable construction practices driven by regulatory changes and heightened environmental concerns. The market is expected to grow significantly, with a projected value of \$1.5 trillion by 2034. This growth equates to a Compound Annual Growth Rate (CAGR) of around 9.2% during the forecast period from 2025 to 2034.

<https://exactitudeconsultancy.com/reports/45843/drywall-and-gypsum-board-market>

As of 2024, the global drywall and gypsum board market is valued at approximately \$60 billion, driven by increasing construction and renovation activities worldwide. The market is projected to reach around \$85 billion by 2034, signaling robust growth over the next decade. This translates to a Compound Annual Growth Rate (CAGR) of about 4.5% during the forecast period from 2025 to 2034.

<https://exactitudeconsultancy.com/reports/45846/global-exterior-doors-market>

The global exterior doors market is valued at approximately \$23 billion in 2024, driven by rising demand for energy-efficient and aesthetically appealing products. By 2034, this market is projected to reach around \$36 billion, indicating robust growth opportunities. The forecast period (2025–2034) anticipates a Compound Annual Growth Rate (CAGR) of approximately 4.5%.

<https://exactitudeconsultancy.com/reports/45863/display-packaging-market>

The global Display Packaging Market is valued at approximately \$34 billion in 2024 and is expected to reach around \$56 billion by 2034, reflecting a robust Compound Annual Growth Rate (CAGR) of 5.1% over the forecast period from 2025 to 2034.

<https://exactitudeconsultancy.com/reports/45892/iso-container-market>

The Iso Shipping Container Market is valued at approximately \$8.5 billion in 2024, with projections suggesting a significant increase, reaching around \$14.7 billion by 2034. This growth reflects a robust Compound Annual Growth Rate (CAGR) of 5.8% from 2025 to 2034.

<https://exactitudeconsultancy.com/reports/45914/cold-chain-packaging>

"Cold Chain Packaging Market is valued at approximately \$12 billion in 2024 with projections indicating growth to nearly \$20 billion by 2034 at a (CAGR) 5.4%.

<https://exactitudeconsultancy.com/reports/45920/wood-based-panels-market>

The market is anticipated to grow at a CAGR of about 5% from 2025 to 2034, potentially reaching \$300 billion by the end of the forecast period.

<https://exactitudeconsultancy.com/reports/45935/interior-doors-market>

This translates to a robust Compound Annual Growth Rate (CAGR) of about 4.5% during the forecast period from 2025 to 2034.

<https://exactitudeconsultancy.com/reports/45883/us-cement-tilesmarket>

The U.S. cement tiles market estimated to expand to about \$1.05 billion by 2034, reflecting a robust CAGR of 5.3% during the 2025–2034.

<https://exactitudeconsultancy.com/reports/45921/rough-terrain-lift-truck-market>

This market is projected to experience significant growth, with an estimated market value of \$9.9 billion by 2034. During the forecast period from 2025 to 2034.

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Exactitude Consultancy is a market research & consulting services firm which helps its client to address their most pressing strategic and business challenges. Our market research helps clients to address critical business challenges and also helps make optimized business decisions with our fact-based research insights, market intelligence, and accurate data.

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