

Global Visible Light Communication System Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/G3886E39BF15EN.html>

Date: March 2026

Pages: 144

Price: US\$ 3,200.00 (Single User License)

ID: G3886E39BF15EN

Abstracts

In telecommunications, visible light communication (VLC) is the use of visible light (light with a frequency of 400-800 THz/wavelength of 780-375 nm) as a transmission medium. VLC is a subset of optical wireless communications technologies. The technology uses fluorescent lamps (ordinary lamps, not special communications devices) to transmit signals at 10 kbit/s, or LEDs for up to 500 Mbit/s over short distances. Specially designed electronic devices generally containing a photodiode receive signals from light sources, although in some cases a cell phone camera or a digital camera will be sufficient. The image sensor used in these devices is in fact an array of photodiodes (pixels) and in some applications its use may be preferred over a single photodiode. Such a sensor may provide either multi-channel (down to 1 pixel = 1 channel) or a spatial awareness of multiple light sources. VLC can be used as a communications medium for ubiquitous computing, because light-producing devices (such as indoor/outdoor lamps, TVs, traffic signs, commercial displays and car headlights/taillights) are used everywhere. The Global Mobile Economy Development Report 2023 released by GSMA Intelligence pointed out that by the end of 2022, the number of global mobile users would exceed 5.4 billion. The mobile ecosystem supports 16 million jobs directly and 12 million jobs indirectly. According to our Communications Research Centre, in 2022, the global communication equipment was valued at US\$ 100 billion. The U.S. and China are powerhouses in the manufacture of communications equipment. According to data from the Ministry of Industry and Information Technology of China, the cumulative revenue of telecommunications services in 2022 was ?1.58 trillion, an increase of 8% over the previous year. The total amount of telecommunications business calculated at the price of the previous year reached ?1.75 trillion, a year-on-year increase of 21.3%. In the same year, the fixed Internet broadband access business revenue was ?240.2 billion, an increase of 7.1% over the previous year, and its proportion in the telecommunications business revenue

decreased from 15.3% in the previous year to 15.2%, driving the telecommunications business revenue to increase by 1.1 percentage points.

The global Visible Light Communication System market size was estimated at USD 650.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 5.40% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Visible Light Communication System market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Visible Light Communication System market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Visible Light Communication System market.

Global Visible Light Communication System Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the

unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Huawei
Ibsentelecom Ltd.
Cisio
Outstanding Technology
Purelifi Ltd.
Panasonic
General Electric
Qualcomm.
Bytelight
Axrtek

Market Segmentation (by Type)

Hardware
Service
Software

Market Segmentation (by Application)

Underwater Communication
Cellular Telecommunication
Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Visible Light Communication System Market

Overview of the regional outlook of the Visible Light Communication System Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an 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 Visible Light Communication System Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the 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 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to 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 8 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 capacity of each country in the world.

Chapter 9 shares the main producing countries of Visible Light Communication System, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Visible Light Communication System
- 1.2 Key Market Segments
 - 1.2.1 Visible Light Communication System Segment by Type
 - 1.2.2 Visible Light Communication System Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 VISIBLE LIGHT COMMUNICATION SYSTEM MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Visible Light Communication System Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global Visible Light Communication System Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 VISIBLE LIGHT COMMUNICATION SYSTEM MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global Visible Light Communication System Product Life Cycle
- 3.3 Global Visible Light Communication System Sales by Manufacturers (2020-2025)
- 3.4 Global Visible Light Communication System Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Visible Light Communication System Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Visible Light Communication System Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Visible Light Communication System Market Competitive Situation and Trends

- 3.8.1 Visible Light Communication System Market Concentration Rate
- 3.8.2 Global 5 and 10 Largest Visible Light Communication System Players Market Share by Revenue
- 3.8.3 Mergers & Acquisitions, Expansion

4 VISIBLE LIGHT COMMUNICATION SYSTEM INDUSTRY CHAIN ANALYSIS

- 4.1 Visible Light Communication System Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF VISIBLE LIGHT COMMUNICATION SYSTEM MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
- 5.6 Global Visible Light Communication System Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 U.S. Tariff Policy ? April 2025
 - 5.6.3 Global Trade Frictions and Their Impacts to Visible Light Communication System Market
- 5.7 ESG Ratings of Leading Companies

6 VISIBLE LIGHT COMMUNICATION SYSTEM MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Visible Light Communication System Sales Market Share by Type

(2020-2025)

6.3 Global Visible Light Communication System Market Size by Type (2020-2025)

6.4 Global Visible Light Communication System Price by Type (2020-2025)

7 VISIBLE LIGHT COMMUNICATION SYSTEM MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Visible Light Communication System Market Sales by Application
(2020-2025)

7.3 Global Visible Light Communication System Market Size (M USD) by Application
(2020-2025)

7.4 Global Visible Light Communication System Sales Growth Rate by Application
(2020-2025)

8 VISIBLE LIGHT COMMUNICATION SYSTEM MARKET SALES BY REGION

8.1 Global Visible Light Communication System Sales by Region

8.1.1 Global Visible Light Communication System Sales by Region

8.1.2 Global Visible Light Communication System Sales Market Share by Region

8.2 Global Visible Light Communication System Market Size by Region

8.2.1 Global Visible Light Communication System Market Size by Region

8.2.2 Global Visible Light Communication System Market Size by Region

8.3 North America

8.3.1 North America Visible Light Communication System Sales by Country

8.3.2 North America Visible Light Communication System Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Visible Light Communication System Sales by Country

8.4.2 Europe Visible Light Communication System Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Visible Light Communication System Sales by Region

- 8.5.2 Asia Pacific Visible Light Communication System Market Size by Region
- 8.5.3 China Market Overview
- 8.5.4 Japan Market Overview
- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America Visible Light Communication System Sales by Country
 - 8.6.2 South America Visible Light Communication System Market Size by Country
 - 8.6.3 Brazil Market Overview
 - 8.6.4 Argentina Market Overview
 - 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
 - 8.7.1 Middle East and Africa Visible Light Communication System Sales by Region
 - 8.7.2 Middle East and Africa Visible Light Communication System Market Size by Region
 - 8.7.3 Saudi Arabia Market Overview
 - 8.7.4 UAE Market Overview
 - 8.7.5 Egypt Market Overview
 - 8.7.6 Nigeria Market Overview
 - 8.7.7 South Africa Market Overview

9 VISIBLE LIGHT COMMUNICATION SYSTEM MARKET PRODUCTION BY REGION

- 9.1 Global Production of Visible Light Communication System by Region(2020-2025)
- 9.2 Global Visible Light Communication System Revenue Market Share by Region (2020-2025)
- 9.3 Global Visible Light Communication System Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Visible Light Communication System Production
 - 9.4.1 North America Visible Light Communication System Production Growth Rate (2020-2025)
 - 9.4.2 North America Visible Light Communication System Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Visible Light Communication System Production
 - 9.5.1 Europe Visible Light Communication System Production Growth Rate (2020-2025)
 - 9.5.2 Europe Visible Light Communication System Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Visible Light Communication System Production (2020-2025)

9.6.1 Japan Visible Light Communication System Production Growth Rate (2020-2025)

9.6.2 Japan Visible Light Communication System Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Visible Light Communication System Production (2020-2025)

9.7.1 China Visible Light Communication System Production Growth Rate (2020-2025)

9.7.2 China Visible Light Communication System Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Huawei

10.1.1 Huawei Basic Information

10.1.2 Huawei Visible Light Communication System Product Overview

10.1.3 Huawei Visible Light Communication System Product Market Performance

10.1.4 Huawei Business Overview

10.1.5 Huawei SWOT Analysis

10.1.6 Huawei Recent Developments

10.2 Ibsentelecom Ltd.

10.2.1 Ibsentelecom Ltd. Basic Information

10.2.2 Ibsentelecom Ltd. Visible Light Communication System Product Overview

10.2.3 Ibsentelecom Ltd. Visible Light Communication System Product Market Performance

10.2.4 Ibsentelecom Ltd. Business Overview

10.2.5 Ibsentelecom Ltd. SWOT Analysis

10.2.6 Ibsentelecom Ltd. Recent Developments

10.3 Cisio

10.3.1 Cisio Basic Information

10.3.2 Cisio Visible Light Communication System Product Overview

10.3.3 Cisio Visible Light Communication System Product Market Performance

10.3.4 Cisio Business Overview

10.3.5 Cisio SWOT Analysis

10.3.6 Cisio Recent Developments

10.4 Outstanding Technology

10.4.1 Outstanding Technology Basic Information

10.4.2 Outstanding Technology Visible Light Communication System Product Overview

10.4.3 Outstanding Technology Visible Light Communication System Product Market Performance

- 10.4.4 Outstanding Technology Business Overview
- 10.4.5 Outstanding Technology Recent Developments
- 10.5 Purelifi Ltd.
 - 10.5.1 Purelifi Ltd. Basic Information
 - 10.5.2 Purelifi Ltd. Visible Light Communication System Product Overview
 - 10.5.3 Purelifi Ltd. Visible Light Communication System Product Market Performance
 - 10.5.4 Purelifi Ltd. Business Overview
 - 10.5.5 Purelifi Ltd. Recent Developments
- 10.6 Panasonic
 - 10.6.1 Panasonic Basic Information
 - 10.6.2 Panasonic Visible Light Communication System Product Overview
 - 10.6.3 Panasonic Visible Light Communication System Product Market Performance
 - 10.6.4 Panasonic Business Overview
 - 10.6.5 Panasonic Recent Developments
- 10.7 General Electric
 - 10.7.1 General Electric Basic Information
 - 10.7.2 General Electric Visible Light Communication System Product Overview
 - 10.7.3 General Electric Visible Light Communication System Product Market Performance
 - 10.7.4 General Electric Business Overview
 - 10.7.5 General Electric Recent Developments
- 10.8 Qualcomm.
 - 10.8.1 Qualcomm. Basic Information
 - 10.8.2 Qualcomm. Visible Light Communication System Product Overview
 - 10.8.3 Qualcomm. Visible Light Communication System Product Market Performance
 - 10.8.4 Qualcomm. Business Overview
 - 10.8.5 Qualcomm. Recent Developments
- 10.9 Bytelight
 - 10.9.1 Bytelight Basic Information
 - 10.9.2 Bytelight Visible Light Communication System Product Overview
 - 10.9.3 Bytelight Visible Light Communication System Product Market Performance
 - 10.9.4 Bytelight Business Overview
 - 10.9.5 Bytelight Recent Developments
- 10.10 Axrtek
 - 10.10.1 Axrtek Basic Information
 - 10.10.2 Axrtek Visible Light Communication System Product Overview
 - 10.10.3 Axrtek Visible Light Communication System Product Market Performance
 - 10.10.4 Axrtek Business Overview
 - 10.10.5 Axrtek Recent Developments

11 VISIBLE LIGHT COMMUNICATION SYSTEM MARKET FORECAST BY REGION

11.1 Global Visible Light Communication System Market Size Forecast

11.2 Global Visible Light Communication System Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Visible Light Communication System Market Size Forecast by Country

11.2.3 Asia Pacific Visible Light Communication System Market Size Forecast by Region

11.2.4 South America Visible Light Communication System Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Visible Light Communication System by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

12.1 Global Visible Light Communication System Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Visible Light Communication System by Type (2026-2035)

12.1.2 Global Visible Light Communication System Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Visible Light Communication System by Type (2026-2035)

12.2 Global Visible Light Communication System Market Forecast by Application (2026-2035)

12.2.1 Global Visible Light Communication System Sales (K Units) Forecast by Application

12.2.2 Global Visible Light Communication System Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Global Visible Light Communication System Market Size by Type (M USD)
- Table 4. Global Visible Light Communication System Market Size by Application
- Table 5. Visible Light Communication System Market Size Comparison by Region (M USD)
- Table 6. Global Visible Light Communication System Sales (K Units) by Manufacturers (2020-2025)
- Table 7. Global Visible Light Communication System Sales Market Share by Manufacturers (2020-2025)
- Table 8. Global Visible Light Communication System Revenue (M USD) by Manufacturers (2020-2025)
- Table 9. Global Visible Light Communication System Revenue Share by Manufacturers (2020-2025)
- Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Visible Light Communication System as of 2025)
- Table 11. Global Market Visible Light Communication System Average Price (USD/Unit) of Key Manufacturers (2020-2025)
- Table 12. Manufacturers? Manufacturing Sites, Areas Served
- Table 13. Manufacturers? Product Type
- Table 14. Global Visible Light Communication System Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15. Mergers & Acquisitions, Expansion Plans
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. Visible Light Communication System Market Challenges
- Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026
- Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027
- Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026
- Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
- Table 26. Global Visible Light Communication System Sales by Type (K Units)

Table 27. Global Visible Light Communication System Market Size by Type (M USD)

Table 28. Global Visible Light Communication System Sales (K Units) by Type (2020-2025)

Table 29. Global Visible Light Communication System Sales Market Share by Type (2020-2025)

Table 30. Global Visible Light Communication System Market Size (M USD) by Type (2020-2025)

Table 31. Global Visible Light Communication System Market Share by Type (2020-2025)

Table 32. Global Visible Light Communication System Price (USD/Unit) by Type (2020-2025)

Table 33. Global Visible Light Communication System Sales (K Units) by Application

Table 34. Global Visible Light Communication System Market Size by Application

Table 35. Global Visible Light Communication System Sales by Application (2020-2025) & (K Units)

Table 36. Global Visible Light Communication System Sales Market Share by Application (2020-2025)

Table 37. Global Visible Light Communication System Market Size by Application (2020-2025) & (M USD)

Table 38. Global Visible Light Communication System Market Share by Application (2020-2025)

Table 39. Global Visible Light Communication System Sales Growth Rate by Application (2020-2025)

Table 40. Global Visible Light Communication System Sales by Region (2020-2025) & (K Units)

Table 41. Global Visible Light Communication System Sales Market Share by Region (2020-2025)

Table 42. Global Visible Light Communication System Market Size by Region (2020-2025) & (M USD)

Table 43. Global Visible Light Communication System Market Size by Region (2020-2025)

Table 44. North America Visible Light Communication System Sales by Country (2020-2025) & (K Units)

Table 45. North America Visible Light Communication System Market Size by Country (2020-2025) & (M USD)

Table 46. Europe Visible Light Communication System Sales by Country (2020-2025) & (K Units)

Table 47. Europe Visible Light Communication System Market Size by Country (2020-2025) & (M USD)

- Table 48. Asia Pacific Visible Light Communication System Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific Visible Light Communication System Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Visible Light Communication System Sales by Country (2020-2025) & (K Units)
- Table 51. South America Visible Light Communication System Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa Visible Light Communication System Sales by Region (2020-2025) & (K Units)
- Table 53. Middle East and Africa Visible Light Communication System Market Size by Region (2020-2025) & (M USD)
- Table 54. Global Visible Light Communication System Production (K Units) by Region(2020-2025)
- Table 55. Global Visible Light Communication System Revenue (US\$ Million) by Region (2020-2025)
- Table 56. Global Visible Light Communication System Revenue Market Share by Region (2020-2025)
- Table 57. Global Visible Light Communication System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 58. North America Visible Light Communication System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 59. Europe Visible Light Communication System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 60. Japan Visible Light Communication System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 61. China Visible Light Communication System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 62. Huawei Basic Information
- Table 63. Huawei Visible Light Communication System Product Overview
- Table 64. Huawei Visible Light Communication System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 65. Huawei Business Overview
- Table 66. Huawei SWOT Analysis
- Table 67. Huawei Recent Developments
- Table 68. Ibsentelecom Ltd. Basic Information
- Table 69. Ibsentelecom Ltd. Visible Light Communication System Product Overview
- Table 70. Ibsentelecom Ltd. Visible Light Communication System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

- Table 71. Ibsentelecom Ltd. Business Overview
- Table 72. Ibsentelecom Ltd. SWOT Analysis
- Table 73. Ibsentelecom Ltd. Recent Developments
- Table 74. Cisio Basic Information
- Table 75. Cisio Visible Light Communication System Product Overview
- Table 76. Cisio Visible Light Communication System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 77. Cisio Business Overview
- Table 78. Cisio SWOT Analysis
- Table 79. Cisio Recent Developments
- Table 80. Outstanding Technology Basic Information
- Table 81. Outstanding Technology Visible Light Communication System Product Overview
- Table 82. Outstanding Technology Visible Light Communication System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 83. Outstanding Technology Business Overview
- Table 84. Outstanding Technology Recent Developments
- Table 85. Purelifi Ltd. Basic Information
- Table 86. Purelifi Ltd. Visible Light Communication System Product Overview
- Table 87. Purelifi Ltd. Visible Light Communication System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 88. Purelifi Ltd. Business Overview
- Table 89. Purelifi Ltd. Recent Developments
- Table 90. Panasonic Basic Information
- Table 91. Panasonic Visible Light Communication System Product Overview
- Table 92. Panasonic Visible Light Communication System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 93. Panasonic Business Overview
- Table 94. Panasonic Recent Developments
- Table 95. General Electric Basic Information
- Table 96. General Electric Visible Light Communication System Product Overview
- Table 97. General Electric Visible Light Communication System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. General Electric Business Overview
- Table 99. General Electric Recent Developments
- Table 100. Qualcomm. Basic Information
- Table 101. Qualcomm. Visible Light Communication System Product Overview
- Table 102. Qualcomm. Visible Light Communication System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

- Table 103. Qualcomm. Business Overview
- Table 104. Qualcomm. Recent Developments
- Table 105. Bytelight Basic Information
- Table 106. Bytelight Visible Light Communication System Product Overview
- Table 107. Bytelight Visible Light Communication System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 108. Bytelight Business Overview
- Table 109. Bytelight Recent Developments
- Table 110. Axrtek Basic Information
- Table 111. Axrtek Visible Light Communication System Product Overview
- Table 112. Axrtek Visible Light Communication System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 113. Axrtek Business Overview
- Table 114. Axrtek Recent Developments
- Table 115. Global Visible Light Communication System Sales Forecast by Region (2026-2035) & (K Units)
- Table 116. Global Visible Light Communication System Market Size Forecast by Region (2026-2035) & (M USD)
- Table 117. North America Visible Light Communication System Sales Forecast by Country (2026-2035) & (K Units)
- Table 118. North America Visible Light Communication System Market Size Forecast by Country (2026-2035) & (M USD)
- Table 119. Europe Visible Light Communication System Sales Forecast by Country (2026-2035) & (K Units)
- Table 120. Europe Visible Light Communication System Market Size Forecast by Country (2026-2035) & (M USD)
- Table 121. Asia Pacific Visible Light Communication System Sales Forecast by Region (2026-2035) & (K Units)
- Table 122. Asia Pacific Visible Light Communication System Market Size Forecast by Region (2026-2035) & (M USD)
- Table 123. South America Visible Light Communication System Sales Forecast by Country (2026-2035) & (K Units)
- Table 124. South America Visible Light Communication System Market Size Forecast by Country (2026-2035) & (M USD)
- Table 125. Middle East and Africa Visible Light Communication System Sales Forecast by Country (2026-2035) & (Units)
- Table 126. Middle East and Africa Visible Light Communication System Market Size Forecast by Country (2026-2035) & (M USD)
- Table 127. Global Visible Light Communication System Sales Forecast by Type

(2026-2035) & (K Units)

Table 128. Global Visible Light Communication System Market Size Forecast by Type (2026-2035) & (M USD)

Table 129. Global Visible Light Communication System Price Forecast by Type (2026-2035) & (USD/Unit)

Table 130. Global Visible Light Communication System Sales (K Units) Forecast by Application (2026-2035)

Table 131. Global Visible Light Communication System Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Visible Light Communication System
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Visible Light Communication System Market Size (M USD), 2025-2035
- Figure 5. Global Visible Light Communication System Market Size (M USD) (2020-2035)
- Figure 6. Global Visible Light Communication System Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Visible Light Communication System Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Visible Light Communication System Product Life Cycle
- Figure 13. Visible Light Communication System Sales Share by Manufacturers in 2025
- Figure 14. Global Visible Light Communication System Revenue Share by Manufacturers in 2025
- Figure 15. Visible Light Communication System Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Visible Light Communication System Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Visible Light Communication System Revenue in 2025
- Figure 18. Industry Chain Map of Visible Light Communication System
- Figure 19. Global Visible Light Communication System Market PEST Analysis
- Figure 20. Global Visible Light Communication System Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Visible Light Communication System Market Share by Type
- Figure 27. Sales Market Share of Visible Light Communication System by Type (2020-2025)
- Figure 28. Sales Market Share of Visible Light Communication System by Type in 2025

Figure 29. Market Share of Visible Light Communication System by Type (2020-2025)

Figure 30. Market Share of Visible Light Communication System by Type in 2025

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Visible Light Communication System Market Share by Application

Figure 33. Global Visible Light Communication System Sales Market Share by Application (2020-2025)

Figure 34. Global Visible Light Communication System Sales Market Share by Application in 2025

Figure 35. Global Visible Light Communication System Market Share by Application (2020-2025)

Figure 36. Global Visible Light Communication System Market Share by Application in 2025

Figure 37. Global Visible Light Communication System Sales Growth Rate by Application (2020-2025)

Figure 38. Global Visible Light Communication System Sales Market Share by Region (2020-2025)

Figure 39. Global Visible Light Communication System Market Size by Region (2020-2025)

Figure 40. North America Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Visible Light Communication System Sales Market Share by Country in 2024

Figure 43. North America Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Visible Light Communication System Market Size by Country in 2024

Figure 45. U.S. Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Visible Light Communication System Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Visible Light Communication System Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Visible Light Communication System Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Visible Light Communication System Market Size (Units) and Growth

Rate (2020-2025)

Figure 51. Europe Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Visible Light Communication System Sales Market Share by Country in 2024

Figure 53. Europe Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Visible Light Communication System Market Size by Country in 2024

Figure 55. Germany Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Visible Light Communication System Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Visible Light Communication System Sales Market Share by Region in 2024

Figure 67. Asia Pacific Visible Light Communication System Market Size by Region in 2024

Figure 68. China Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Visible Light Communication System Sales and Growth Rate

(2020-2025) & (K Units)

Figure 71. Japan Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Visible Light Communication System Sales and Growth Rate (K Units)

Figure 79. South America Visible Light Communication System Sales Market Share by Country in 2024

Figure 80. South America Visible Light Communication System Market Size and Growth Rate (M USD)

Figure 81. South America Visible Light Communication System Market Size by Country in 2024

Figure 82. Brazil Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Visible Light Communication System Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Visible Light Communication System Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Visible Light Communication System Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Visible Light Communication System Market Size by Region in 2024

Figure 92. Saudi Arabia Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Visible Light Communication System Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Visible Light Communication System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Visible Light Communication System Production Market Share by Region (2020-2025)

Figure 103. North America Visible Light Communication System Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Visible Light Communication System Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Visible Light Communication System Production (K Units) Growth Rate (2020-2025)

Figure 106. China Visible Light Communication System Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Visible Light Communication System Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Visible Light Communication System Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Visible Light Communication System Sales Market Share Forecast

by Type (2026-2035)

Figure 110. Global Visible Light Communication System Market Share Forecast by Type (2026-2035)

Figure 111. Global Visible Light Communication System Sales Forecast by Application (2026-2035)

Figure 112. Global Visible Light Communication System Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global Visible Light Communication System Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/G3886E39BF15EN.html>

Price: US\$ 3,200.00 (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/G3886E39BF15EN.html>