+44 20 8123 2220
info@marketpublishers.com

Global Market for Li-Fi Technology: Focus on Components, Applications, Patents, and Country-Analysis and Forecast (2018-2028)

https://marketpublishers.com/r/G4E1761D6BECEN.html
Date: October 2018
Pages: 150
Price: US$ 5,000.00 (Single User License)
ID: G4E1761D6BECEN

Abstracts

Hard copy option is available on any of the options above at an additional charge of $500. Please email us at order@marketpublishers.com with your request.

With the advent of Li-Fi technology, human brain has given rise to a new phenomenon in the form of Li-Fi or Light Fidelity. Li-Fi, a wireless communication technology, which is expected to enhance the overall experience of the user by its user-friendly interface. With the constantly evolving technologies such as, 5G wireless broadband, and Internet of Things (IoT), among others, Li-Fi technology is bound to expand to many more fields of applications such as healthcare, aviation, retail and education, among others and transform all the major industry verticals present in the world today.

The Li-Fi technology market is expected to grow at a significant rate during the forecast period. This growth can be attributed to the increasing demand of advanced data transmission technology. Furthermore, the rising demand for higher bandwidth and advantages associated with Li-Fi technology and tremendous development in the Research & Development (R&D) for Li-Fi technology to overcome the technical challenges are expected to drive the global market for Li-Fi technology during the forecast period.

The demand for Li-Fi technology varies according to various geographical regions. The Li-Fi technology market holds a prominent share in various countries of North America, Asia-Pacific (APAC), Europe, and Rest-of-the-World (RoW). Geographically, Europe led the global Li-Fi technology market in 2017 in terms of value. Additionally, APAC region is expected to witness the highest growth during the forecast period (2018-2028) Increase in usage of wireless data in smartphones and other devices such as laptops,

and tablets, among others due to growing population and rapid urbanization in the region is expected to drive the market for Li-Fi during the forecast period. In addition, increase in demand for high speed, bidirectional, and fully secured wireless communication is estimated to boost the market for Li-Fi in the region.

The global Li-Fi market has witnessed several strategic and technological developments in the past few years, undertaken by the different market players to attain their respective market shares in this emerging domain. Some of the strategies covered in this section are product launches, partnerships and collaborations, and mergers and acquisitions. The preferred strategy for the companies has been partnerships and collaborations in order to strengthen their position in the global Li-Fi market.

The key market players in the global Li-Fi market are pureLiFi, Signify Holding, OLEDCOMM, Acuity Brands, Inc., FIREFLY WIRELESS NETWORKS, LLC, Panasonic Corporation, Samsung Electronics Co., Ltd., Qualcomm Incorporated, and others.

The report is a compilation of different segments of global Li-Fi technology market including market breakdown by component type, region, and application. The report further takes into consideration the market dynamics and the competitive landscape. The report also discusses in detail about the key participants involved in the industry. The report answers the following questions about the global Li-Fi technology market:

Key questions answered in the report

- What will be the global Li-Fi market value by 2028 along with the estimated CAGR?
- What are the driving factors for the global Li-Fi Technology market through 2017 to 2028?
- Which factors are impending the growth of the global Li-Fi Technology market?
- What are the recent trends and developments in the global Li-Fi Technology market?
- Which Li-Fi component type will lead the global Li-Fi technology market by 2028?
- What is the revenue generated by Li-Fi technology across different application

+44 20 8123 2220
info@marketpublishers.com

verticals during the forecast period (2018-2028)?

Which application will dominate the global Li-Fi technology market by 2028?

Which region will lead the global Li-Fi technology market by 2028?

+44 20 8123 2220
info@marketpublishers.com

Contents

EXECUTIVE SUMMARY

1 MARKET DYNAMICS

1.1 Introduction
1.2 Market Drivers
  1.2.1 Adoption of Light Emitting Diodes (LEDs)
  1.2.2 Benefits of Li-Fi: Fast and Reliable
  1.2.3 Increased demand for wireless networks
1.3 Market Restraints
  1.3.1 Technical Challenges: Signals can’t penetrate through the walls
  1.3.2 Lack of Awareness regarding Li-Fi
1.4 Market Opportunities
  1.4.1 Smart LEDs for commercial and industrial applications
  1.4.2 Li-Fi Applications in Aviation Industry

2 COMPETITIVE LANDSCAPE

2.1 Key Strategies and Developments
  2.1.1 Partnerships and Collaborations
  2.1.2 Others

3 INDUSTRY ANALYSIS

3.1 Patent Analysis
3.2 Consortium & Association
3.3 Supply Chain Analysis

4 GLOBAL LI-FI MARKET (BY COMPONENT)

4.1 Assumptions and Limitations
4.2 Market Overview
4.3 Global Li-Fi Market By Component
  4.3.1 Light Emitting Diodes (LEDs)
  4.3.2 Photodetector
  4.3.3 Microcontrollers

+44 20 8123 2220
info@marketpublishers.com

5 GLOBAL LI-FI MARKET (BY APPLICATION)

5.1 Applications Market Overview
5.1.1 Healthcare
5.1.2 Education
5.1.3 Aviation
5.1.4 Retail
5.1.5 Exhibition industry
5.1.6 Others

6 GLOBAL LI-FI MARKET (BY REGION)

6.1 Market Overview
6.2 North America
6.3 Europe
6.4 Asia-Pacific
6.5 Rest-of-the-World (RoW)

7 COMPANY PROFILES

7.1 Overview
7.2 Acuity Brands, Inc.
7.2.1 Company Overview
7.2.2 Product Portfolio for Li-Fi Technology
7.2.3 Financials
7.2.3.1 Financial Summary
7.2.4 SWOT Analysis
7.3 AXRTEK
7.3.1 Company Overview
7.3.2 Product Portfolio for Li-Fi Technology
7.3.2.1 Corporate Summary
7.3.3 SWOT Analysis
7.4 Cree, Inc.
7.4.1 Company Overview
7.4.2 Product Portfolio for Li-Fi Technology
7.4.3 Financials
7.4.3.1 Financial Summary
7.4.4 SWOT Analysis
7.5 FIREFLY WIRELESS NETWORKS, LLC

+44 20 8123 2220
info@marketpublishers.com

7.5.1 Company Overview
7.5.2 Product Portfolio for Li-Fi Technology
7.5.2.1 Corporate Summary
7.5.3 SWOT Analysis
7.6 Lightbee
7.6.1 Company Overview
7.6.2 Product Portfolio for Li-Fi Technology
7.6.2.1 Corporate Summary
7.6.2.2 SWOT Analysis
7.7 LVX System
7.7.1 Company Overview
7.7.2 Product Portfolio
7.7.2.1 Corporate Summary
7.7.3 SWOT Analysis
7.8 OLEDCOMM
7.8.1 Company Overview
7.8.2 Product Portfolio for Li-Fi Technology
7.8.3 Corporate Summary
7.8.4 SWOT Analysis
7.9 Panasonic Corporation
7.9.1 Company Overview
7.9.2 Product Portfolio for Li-Fi Technology
7.9.3 Financials
7.9.3.1 Financial Summary
7.9.4 SWOT Analysis
7.10 PureLiFi
7.10.1 Company Overview
7.10.2 Product Portfolio for Li-Fi Technology
7.10.3 Corporate Summary
7.10.4 SWOT Analysis
7.11 QUALCOMM Incorporated
7.11.1 Company Overview
7.11.2 Product Portfolio for Li-Fi Technology
7.11.3 Financials
7.11.3.1 Financial Summary
7.11.4 SWOT Analysis
7.12 Renesas Electronics Corporation
7.12.1 Company Overview
7.12.2 Product Portfolio for Li-Fi Technology

+44 20 8123 2220
info@marketpublishers.com

7.12.3 Financials
7.12.3.1 Financial Summary
7.12.4 SWOT Analysis
7.13 Samsung Electronics Co., Ltd.
7.13.1 Company Overview
7.13.2 Financials
7.13.2.1 Financial Summary
7.13.3 SWOT Analysis
7.14 Signify Holding
7.14.1 Company Overview
7.14.2 Product Portfolio for Li-Fi Technology
7.14.3 Financials
7.14.3.1 Financial Summary
7.14.4 SWOT Analysis
7.15 Velmenni
7.15.1 Company Overview
7.15.2 Product Portfolio for Li-Fi Technology
7.15.2.1 Corporate Summary
7.15.3 SWOT Analysis
7.16 VLNcomm
7.16.1 Company Overview
7.16.2 Product Portfolio for Li-Fi Technology
7.16.2.1 Corporate Summary
7.16.3 SWOT Analysis
7.17 Lucibel
7.17.1 Company Overview
7.17.2 Corporate Summary
7.18 IBSENtelecom Ltd.
7.18.1 Company Overview
7.18.2 Corporate Summary
7.19 Global Li-Fi Tech
7.19.1 Company Overview
7.19.2 Corporate Summary
7.20 Luciom
7.20.1 Company Overview
7.20.2 Corporate Summary
7.21 SISOFT
7.21.1 Company Overview

+44 20 8123 2220
info@marketpublishers.com

8 REPORT SCOPE AND METHODOLOGY

8.1 Scope of the Report
8.2 Research Methodology

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1 Global Li-Fi Market Snapshot, 2017 and 2028
Table 1.1 Some of the Smart City Projects
Table 2.1 Partnerships and Collaborations
Table 2.2 Key Developments
Table 3.1 Recent Patents (January 2018- August 2018)
Table 3.2 Examples of Some Associations & Consortia
Table 4.1 Comparison between Wi-Fi and Li-Fi
Table 4.2 Global Li-Fi Market, 2017-2028
Table 4.3 Global Li-Fi Market (by Component), 2017-2028
Table 4.4 Global Market for LED for Li-Fi Technology, 2017-2028
Table 4.5 Global Photodetectors Market for Li-Fi Technology, 2017-2028
Table 4.6 Global Microcontrollers Market for Li-Fi Technology, 2017-2028
Table 5.1 Global Li-Fi Market Size (by Applications), $Million, 2017-2028
Table 6.1 Global Li-Fi Market (by Region), 2017-2028
Table 6.2 North America Li-Fi Market (by Country), 2017-2028
Table 6.3 Europe Li-Fi Market (by Country), 2017-2024
Table 6.4 Asia-Pacific Li-Fi Market (by Country), 2017-2028
Table 6.5 RoW Li-Fi Market (by Sub-Region), 2017-2024

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1 Basic Concept Diagram Li-Fi
Figure 2 Flow of the current Li-Fi system
Figure 3 Global Li-Fi Market, 2018-2028
Figure 4 Global Li-Fi Market (by Component), $Million, 2017, 2018 and 2028
Figure 5 Global Li-Fi Market (by Application), $Million, 2017 and 2028
Figure 6 Global Li-Fi Market (by Region), $Million, 2017
Figure 7 Global Li-Fi Market by Country, $Million, 2017
Figure 1.1 Market Dynamics
Figure 1.2 Decreasing Average Selling Price (ASP) of LED Bulbs (2009-2020)
Figure 1.3 Benefits of Li-Fi
Figure 1.4 Global Internet Usage
Figure 1.5 Flow of the current Li-Fi system
Figure 2.1 Key Strategies and Developments
Figure 3.1 Supply Chain Analysis
Figure 4.1 Basic Concept Diagram Li-Fi
Figure 4.2 Global Li-Fi Market Segmentation
Figure 4.3 Global Li-Fi Market (by Component), 2017 and 2028
Figure 4.4 Global LED Market for Li-Fi Technology, 2017-2028
Figure 4.5 Global Photodetectors Market for Li-Fi Technology, 2017-2028
Figure 4.6 Global Microcontrollers Market for Li-Fi technology, 2017-2028
Figure 5.1 Li-Fi – Applications Market
Figure 5.2 Global Li-Fi Market (by Application), 2017-2028
Figure 5.3 Benefits of Li-Fi technology in Hospitals
Figure 5.4 Global Li-Fi technology Market in Healthcare Industry 2017 - 2028
Figure 5.5 Global Li-Fi technology Market in Education Industry 2017 – 2028
Figure 5.6 Global Li-Fi technology Market in Aviation Industry 2017 – 2028
Figure 5.7 Global Li-Fi technology Market in Retail Industry 2017 – 2028
Figure 5.8 Global Li-Fi technology Market in Exhibition Industry 2017 – 2028
Figure 5.9 User Accessing Facts About Artefact/Painting Under the Light
Figure 5.10 Global Li-Fi technology Market in Others 2017 – 2028
Figure 6.1 Global Li-Fi Market (by Region)
Figure 6.2 Global Li-Fi Market (by Region), 2017 and 2028
Figure 6.3 North America Li-Fi Market (by Country), 2017-2028
Figure 6.4 Europe Li-Fi Market (by Country), 2017-2028
Figure 6.5 Asia—Pacific Li-Fi Market (by Country), 2017-2028

+44 20 8123 2220
info@marketpublishers.com

Figure 6.6 RoW Li-Fi Market (by Sub-Region), 2017-2028
Figure 7.1 Profiles by Ownership Type
Figure 7.2 Acuity Brands, Inc.: Overall Financials, 2015-2017
Figure 7.3 Acuity Brands, Inc.: Net Revenue (by Region), 2015-2017
Figure 7.4 Acuity Brands, Inc.: SWOT Analysis
Figure 7.5 AXRTEK: SWOT Analysis
Figure 7.6 Cree, Inc.: Overall Financials, 2015-2017 ($Million)
Figure 7.7 Cree, Inc.: Net Revenue by Region, 2015-2017 ($Million)
Figure 7.8 Cree, Inc.: Net Revenue (by Business Segment), 2015-2017
Figure 7.9 Cree, Inc.: SWOT Analysis
Figure 7.10 FIREFLY WIRELESS NETWORKS, LLC: SWOT Analysis
Figure 7.11 Lightbee: SWOT Analysis
Figure 7.12 LVX System: SWOT Analysis
Figure 7.13 OLEDCOMM: SWOT Analysis
Figure 7.14 Panasonic Corporation: Overall Financials, 2015-17 ($Billion)
Figure 7.15 Panasonic Corporation: Net Revenue by Region, 2015-17 ($Billion)
Figure 7.16 Panasonic Corporation: Revenue by Business Segment, 2015-2017 ($Billion)
Figure 7.17 Panasonic Corporation: SWOT Analysis
Figure 7.18 PureLiFi: SWOT Analysis
Figure 7.19 QUALCOMM Incorporated: Overall Financials, 2015-2017
Figure 7.20 QUALCOMM Incorporated: Net Revenue (by Region),$ Million, 2015-2017
Figure 7.21 QUALCOMM Incorporated: Net Revenue (by Business Segment), 2015-2017
Figure 7.22 QUALCOMM Incorporated: SWOT Analysis
Figure 7.23 Renesas Electronics Corporation: Overall Financials, 2015-2017
Figure 7.24 Renesas Electronics Corporation: Net Revenue (by Region), 2017
Figure 7.25 Renesas Electronics Corporation: SWOT Analysis
Figure 7.26 Samsung Electronics Co., Ltd.: Overall Financials, 2015-17 ($Billion)
Figure 7.27 Samsung Electronics Co., Ltd.: Net Revenue (by Region), $Billion, 2015-16
Figure 7.28 Samsung Electronics Co., Ltd.: Revenue (by Business Segment), $Billion, 2015-2017
Figure 7.29 Samsung Electronics Co., Ltd.: SWOT Analysis
Figure 7.30 Signify Holding: Overall Financials, 2015-2017
Figure 7.31 Signify Holding: Net Revenue (by Region), 2015-2017
Figure 7.32 Signify Holding: Net Revenue (by Business Segment), 2015-2017
Figure 7.33 Signify Holding: SWOT Analysis
Figure 7.34 Velmenni: SWOT Analysis
Figure 7.35 VLNcomm: SWOT Analysis

+44 20 8123 2220
info@marketpublishers.com

Figure 8.1 Scope of the Report
Figure 8.2 Report Design
Figure 8.3 Secondary Data Sources
Figure 8.4 Top-Down Approach
Figure 8.5 Li-Fi Market Influencing Factors
Figure 8.6 Assumptions and Limitations

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global Market for Li-Fi Technology: Focus on Components, Applications, Patents, and Country- Analysis and Forecast (2018-2028)

Product link: https://marketpublishers.com/r/G4E1761D6BECEN.html

Price: US$ 5,000.00 (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/G4E1761D6BECEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

+44 20 8123 2220
info@marketpublishers.com