

# Light Fidelity (Li-Fi)/Visible Light Communication Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

<https://marketpublishers.com/r/L2B473DAC700EN.html>

Date: January 2020

Pages: 101

Price: US\$ 3,000.00 (Single User License)

ID: L2B473DAC700EN

## Abstracts

### SUMMARY

Further key aspects of the report indicate that:

Chapter 1: Research Scope: Product Definition, Type, End-Use & Methodology

Chapter 2: Global Industry Summary

Chapter 3: Market Dynamics

Chapter 4: Global Market Segmentation by region, type and End-Use

Chapter 5: North America Market Segmentation by region, type and End-Use

Chapter 6: Europe Market Segmentation by region, type and End-Use

Chapter 7: Asia-Pacific Market Segmentation by region, type and End-Use

Chapter 8: South America Market Segmentation by region, type and End-Use

Chapter 9: Middle East and Africa Market Segmentation by region, type and End-Use.

Chapter 10: Market Competition by Companies

Chapter 11: Market forecast and environment forecast.

Chapter 12: Industry Summary.

The global Light Fidelity (Li-Fi)/Visible Light Communication market has the potential to grow with xx million USD with growing CAGR in the forecast period from 2021f to 2026f. Factors driving the market for @@@@ are the significant development of demand and improvement of COVID-19 and geo-economics.

Based on the type of product, the global Light Fidelity (Li-Fi)/Visible Light Communication market segmented into

LED

Photodetectors

Microcontrollers (MCU)

Based on the end-use, the global Light Fidelity (Li-Fi)/Visible Light Communication market classified into

Retail

Electronics

Defense & Security

Automotive & Transport

Aerospace & Aviation

Healthcare

Others

Based on geography, the global Light Fidelity (Li-Fi)/Visible Light Communication market segmented into

North America [U.S., Canada, Mexico]

Europe [Germany, UK, France, Italy, Rest of Europe]

Asia-Pacific [China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific]

South America [Brazil, Argentina, Rest of Latin America]

Middle East & Africa [GCC, North Africa, South Africa, Rest of Middle East and Africa]

And the major players included in the report are

General Electric

Oledcomm

Renesas Electronics

PureLiFi

Lvx System

Acuity Brands

Qualcomm

IBSENtelecom

Koninklijke Philips

Panasonic

## Contents

### **1 RESEARCH SCOPE**

- 1.1 Research Product Definition
- 1.2 Research Segmentation
  - 1.2.1 Product Type
  - 1.2.2 Main product Type of Major Players
- 1.3 Demand Overview
- 1.4 Research Methodology

### **2 GLOBAL LIGHT FIDELITY (LI-FI)/VISIBLE LIGHT COMMUNICATION INDUSTRY**

- 2.1 Summary about Light Fidelity (Li-Fi)/Visible Light Communication Industry
- 2.2 Light Fidelity (Li-Fi)/Visible Light Communication Market Trends
  - 2.2.1 Light Fidelity (Li-Fi)/Visible Light Communication Production & Consumption Trends
  - 2.2.2 Light Fidelity (Li-Fi)/Visible Light Communication Demand Structure Trends
- 2.3 Light Fidelity (Li-Fi)/Visible Light Communication Cost & Price

### **3 MARKET DYNAMICS**

- 3.1 Manufacturing & Purchasing Behavior in 2020
- 3.2 Market Development under the Impact of COVID-19
  - 3.2.1 Drivers
  - 3.2.2 Restraints
  - 3.2.3 Opportunity
  - 3.2.4 Risk

### **4 GLOBAL MARKET SEGMENTATION**

- 4.1 Region Segmentation (2017 to 2021f)
  - 4.1.1 North America (U.S., Canada and Mexico)
  - 4.1.2 Europe (Germany, UK, France, Italy, Rest of Europe)
  - 4.1.3 Asia-Pacific (China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific)
  - 4.1.4 South America (Brazil,, Argentina, Rest of Latin America)
  - 4.1.5 Middle East and Africa (GCC, North Africa, South Africa, Rest of Middle East and Africa)

## 4.2 Product Type Segmentation (2017 to 2021f)

- 4.2.1 LED
- 4.2.2 Photodetectors
- 4.2.3 Microcontrollers (MCU)

## 4.3 Consumption Segmentation (2017 to 2021f)

- 4.3.1 Retail
- 4.3.2 Electronics
- 4.3.3 Defense & Security
- 4.3.4 Automotive & Transport
- 4.3.5 Aerospace & Aviation
- 4.3.6 Healthcare
- 4.3.7 Others

## **5 NORTH AMERICA MARKET SEGMENT**

### 5.1 Region Segmentation (2017 to 2021f)

- 5.1.1 U.S.
- 5.1.2 Canada
- 5.1.3 Mexico

### 5.2 Product Type Segmentation (2017 to 2021f)

- 5.2.1 LED
- 5.2.2 Photodetectors
- 5.2.3 Microcontrollers (MCU)

### 5.3 Consumption Segmentation (2017 to 2021f)

- 5.3.1 Retail
- 5.3.2 Electronics
- 5.3.3 Defense & Security
- 5.3.4 Automotive & Transport
- 5.3.5 Aerospace & Aviation
- 5.3.6 Healthcare
- 5.3.7 Others

### 5.4 Impact of COVID-19 in North America

## **6 EUROPE MARKET SEGMENTATION**

### 6.1 Region Segmentation (2017 to 2021f)

- 6.1.1 Germany
- 6.1.2 UK
- 6.1.3 France

- 6.1.4 Italy
- 6.1.5 Rest of Europe
- 6.2 Product Type Segmentation (2017 to 2021f)
  - 6.2.1 LED
  - 6.2.2 Photodetectors
  - 6.2.3 Microcontrollers (MCU)
- 6.3 Consumption Segmentation (2017 to 2021f)
  - 6.3.1 Retail
  - 6.3.2 Electronics
  - 6.3.3 Defense & Security
  - 6.3.4 Automotive & Transport
  - 6.3.5 Aerospace & Aviation
  - 6.3.6 Healthcare
  - 6.3.7 Others
- 6.4 Impact of COVID-19 in Europe

## **7 ASIA-PACIFIC MARKET SEGMENTATION**

- 7.1 Region Segmentation (2017 to 2021f)
  - 7.1.1 China
  - 7.1.2 India
  - 7.1.3 Japan
  - 7.1.4 South Korea
  - 7.1.5 Southeast Asia
  - 7.1.6 Australia
  - 7.1.7 Rest of Asia Pacific
- 7.2 Product Type Segmentation (2017 to 2021f)
  - 7.2.1 LED
  - 7.2.2 Photodetectors
  - 7.2.3 Microcontrollers (MCU)
- 7.3 Consumption Segmentation (2017 to 2021f)
  - 7.3.1 Retail
  - 7.3.2 Electronics
  - 7.3.3 Defense & Security
  - 7.3.4 Automotive & Transport
  - 7.3.5 Aerospace & Aviation
  - 7.3.6 Healthcare
  - 7.3.7 Others
- 7.4 Impact of COVID-19 in Europe

## **8 SOUTH AMERICA MARKET SEGMENTATION**

- 8.1 Region Segmentation (2017 to 2021f)
  - 8.1.1 Brazil
  - 8.1.2 Argentina
  - 8.1.3 Rest of Latin America
- 8.2 Product Type Segmentation (2017 to 2021f)
  - 8.2.1 LED
  - 8.2.2 Photodetectors
  - 8.2.3 Microcontrollers (MCU)
- 8.3 Consumption Segmentation (2017 to 2021f)
  - 8.3.1 Retail
  - 8.3.2 Electronics
  - 8.3.3 Defense & Security
  - 8.3.4 Automotive & Transport
  - 8.3.5 Aerospace & Aviation
  - 8.3.6 Healthcare
  - 8.3.7 Others
- 8.4 Impact of COVID-19 in Europe

## **9 MIDDLE EAST AND AFRICA MARKET SEGMENTATION**

- 9.1 Region Segmentation (2017 to 2021f)
  - 9.1.1 GCC
  - 9.1.2 North Africa
  - 9.1.3 South Africa
  - 9.1.4 Rest of Middle East and Africa
- 9.2 Product Type Segmentation (2017 to 2021f)
  - 9.2.1 LED
  - 9.2.2 Photodetectors
  - 9.2.3 Microcontrollers (MCU)
- 9.3 Consumption Segmentation (2017 to 2021f)
  - 9.3.1 Retail
  - 9.3.2 Electronics
  - 9.3.3 Defense & Security
  - 9.3.4 Automotive & Transport
  - 9.3.5 Aerospace & Aviation
  - 9.3.6 Healthcare

9.3.7 Others

9.4 Impact of COVID-19 in Europe

## **10 COMPETITION OF MAJOR PLAYERS**

10.1 Brief Introduction of Major Players

10.1.1 General Electric

10.1.2 Oledcomm

10.1.3 Renesas Electronics

10.1.4 PureLiFi

10.1.5 Lvx System

10.1.6 Acuity Brands

10.1.7 Qualcomm

10.1.8 IBSENtelecom

10.1.9 Koninklijke Philips

10.1.10 Panasonic

10.2 Light Fidelity (Li-Fi)/Visible Light Communication Sales Date of Major Players (2017-2020e)

10.2.1 General Electric

10.2.2 Oledcomm

10.2.3 Renesas Electronics

10.2.4 PureLiFi

10.2.5 Lvx System

10.2.6 Acuity Brands

10.2.7 Qualcomm

10.2.8 IBSENtelecom

10.2.9 Koninklijke Philips

10.2.10 Panasonic

10.3 Market Distribution of Major Players

10.4 Global Competition Segmentation

## **11 MARKET FORECAST**

11.1 Forecast by Region

11.2 Forecast by Demand

11.3 Environment Forecast

11.3.1 Impact of COVID-19

11.3.2 Geopolitics Overview

11.3.3 Economic Overview of Major Countries



## 12 REPORT SUMMARY STATEMENT

## List Of Tables

### LIST OF TABLES

1. Table Light Fidelity (Li-Fi)/Visible Light Communication Product Type Overview
2. Table Light Fidelity (Li-Fi)/Visible Light Communication Product Type Market Share List
3. Table Light Fidelity (Li-Fi)/Visible Light Communication Product Type of Major Players
4. Table Brief Introduction of General Electric
5. Table Brief Introduction of Oledcomm
6. Table Brief Introduction of Renesas Electronics
7. Table Brief Introduction of PureLiFi
8. Table Brief Introduction of Lvx System
9. Table Brief Introduction of Acuity Brands
10. Table Brief Introduction of Qualcomm
11. Table Brief Introduction of IBSENtelecom
12. Table Brief Introduction of Koninklijke Philips
13. Table Brief Introduction of Panasonic
14. Table Products & Services of General Electric
15. Table Products & Services of Oledcomm
16. Table Products & Services of Renesas Electronics
17. Table Products & Services of PureLiFi
18. Table Products & Services of Lvx System
19. Table Products & Services of Acuity Brands
20. Table Products & Services of Qualcomm
21. Table Products & Services of IBSENtelecom
22. Table Products & Services of Koninklijke Philips
23. Table Products & Services of Panasonic
24. Table Market Distribution of Major Players
25. Table Global Major Players Sales Revenue (Million USD) 2017-2020e
26. Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e
27. Table Global Light Fidelity (Li-Fi)/Visible Light Communication Market Forecast (Million USD) by Region 2021f-2026f
28. Table Global Light Fidelity (Li-Fi)/Visible Light Communication Market Forecast (Million USD) Share by Region 2021f-2026f
29. Table Global Light Fidelity (Li-Fi)/Visible Light Communication Market Forecast (Million USD) by Demand 2021f-2026f
30. Table Global Light Fidelity (Li-Fi)/Visible Light Communication Market Forecast (Million USD) Share by Demand 2021f-2026f

## List Of Figures

### LIST OF FIGURES

1. Figure Global Light Fidelity (Li-Fi)/Visible Light Communication Market Size under the Impact of COVID-19, 2017-2021f (USD Million)
2. Figure Global Light Fidelity (Li-Fi)/Visible Light Communication Market by Region under the Impact of COVID-19, 2017-2021f (USD Million)
3. Figure Global Light Fidelity (Li-Fi)/Visible Light Communication Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million)
4. Figure Global Light Fidelity (Li-Fi)/Visible Light Communication Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million)
5. Figure Global Light Fidelity (Li-Fi)/Visible Light Communication Production by Region under the Impact of COVID-19, 2021-2026 (USD Million)
6. Figure Global Light Fidelity (Li-Fi)/Visible Light Communication Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million)
7. Figure Global Light Fidelity (Li-Fi)/Visible Light Communication Consumption by Type under the Impact of COVID-19, 2021-2026 (USD Million)
8. Figure North America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
9. Figure Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
10. Figure Asia-Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
11. Figure South America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
12. Figure Middle East and Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
13. Figure LED Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
14. Figure Photodetectors Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
15. Figure Microcontrollers (MCU) Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
16. Figure Retail Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
17. Figure Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
18. Figure Defense & Security Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

19. Figure Automotive & Transport Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
20. Figure Aerospace & Aviation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
21. Figure Healthcare Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
22. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
23. Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
24. Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
25. Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
26. Figure LED Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
27. Figure Photodetectors Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
28. Figure Microcontrollers (MCU) Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
29. Figure Retail Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
30. Figure Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
31. Figure Defense & Security Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
32. Figure Automotive & Transport Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
33. Figure Aerospace & Aviation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
34. Figure Healthcare Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
35. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
36. Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
37. Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
38. Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY)

Growth (%) 2018-2021f

39. Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

40. Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

41. Figure LED Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

42. Figure Photodetectors Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

43. Figure Microcontrollers (MCU) Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

44. Figure Retail Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

45. Figure Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

46. Figure Defense & Security Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

47. Figure Automotive & Transport Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

48. Figure Aerospace & Aviation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

49. Figure Healthcare Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

50. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

51. Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

52. Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

53. Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

54. Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

55. Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

56. Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

57. Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

- 58. Figure LED Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 59. Figure Photodetectors Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 60. Figure Microcontrollers (MCU) Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 61. Figure Retail Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 62. Figure Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 63. Figure Defense & Security Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 64. Figure Automotive & Transport Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 65. Figure Aerospace & Aviation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 66. Figure Healthcare Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 67. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 68. Figure Brazil Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 69. Figure Argentina Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 70. Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 71. Figure LED Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 72. Figure Photodetectors Segmentation Market Size (USD Million) 2017-2021f and Yea

## I would like to order

Product name: Light Fidelity (Li-Fi)/Visible Light Communication Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

Product link: <https://marketpublishers.com/r/L2B473DAC700EN.html>

Price: US\$ 3,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L2B473DAC700EN.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**

Customer 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

