

Global Optical Wireless Communication and Li-Fi Market Growth 2024-2030

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Abstracts

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The global Optical Wireless Communication and Li-Fi market size is projected to grow from US\$ million in 2023 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Optical Wireless Communication and Li-Fi Industry Forecast” looks at past sales and reviews total world Optical Wireless Communication and Li-Fi sales in 2023, providing a comprehensive analysis by region and market sector of projected Optical Wireless Communication and Li-Fi sales for 2024 through 2030. With Optical Wireless Communication and Li-Fi sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Optical Wireless Communication and Li-Fi industry.

This Insight Report provides a comprehensive analysis of the global Optical Wireless Communication and Li-Fi landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Optical Wireless Communication and Li-Fi portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Optical Wireless Communication and Li-Fi market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Optical Wireless Communication and Li-Fi and breaks down the forecast by Type, by Application, geography, and market size to highlight

emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Optical Wireless Communication and Li-Fi.

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.

This report presents a comprehensive overview, market shares, and growth opportunities of Optical Wireless Communication and Li-Fi market by product type, application, key manufacturers and key regions and countries.

Segmentation by type

Microcontrollers

LEDs

Photodetectors

Segmentation by application

Industrial

Residential

Commercial

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

General Electric

Broadcom

Panasonic Corporation

Honeywell International

Philips Lighting

FSONA Networks Corp

Wireless Excellence Limited

Signify Holding

Oledcomm

Lucibel

pureLiFi Limited

Acuity Brands

Key Questions Addressed in this Report

What is the 10-year outlook for the global Optical Wireless Communication and Li-Fi market?

What factors are driving Optical Wireless Communication and Li-Fi market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Optical Wireless Communication and Li-Fi market opportunities vary by end market size?

How does Optical Wireless Communication and Li-Fi break out type, application?

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