

# Global Chip on Board (COB) Light Emitting Diode (LED) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Chip on Board (COB) Light Emitting Diode (LED) market size was valued at USD 4525.9 million in 2023 and is forecast to a readjusted size of USD 5774.2 million by 2030 with a CAGR of 3.5% during review period.

Chip on board is a technology of LED packaging where in the uncoated semiconductor elements are directly mounted on a substrate or PCB with the help of a conductive or non-conductive adhesive and then wire bonded for electrical connectivity.

The improvement of technology boosts the development of COB LED market.

The Global Info Research report includes an overview of the development of the Chip on Board (COB) Light Emitting Diode (LED) industry chain, the market status of Automotive (LED Illumination, LED Backlighting), Backlighting (LED Illumination, LED Backlighting), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Chip on Board (COB) Light Emitting Diode (LED).

Regionally, the report analyzes the Chip on Board (COB) Light Emitting Diode (LED) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Chip on Board (COB) Light Emitting Diode (LED) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

### Key Features:

The report presents comprehensive understanding of the Chip on Board (COB) Light Emitting Diode (LED) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Chip on Board (COB) Light Emitting Diode (LED) industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., LED Illumination, LED Backlighting).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Chip on Board (COB) Light Emitting Diode (LED) market.

**Regional Analysis:** The report involves examining the Chip on Board (COB) Light Emitting Diode (LED) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Chip on Board (COB) Light Emitting Diode (LED) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Chip on Board (COB) Light Emitting Diode (LED):

**Company Analysis:** Report covers individual Chip on Board (COB) Light Emitting Diode (LED) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and

attitudes towards Chip on Board (COB) Light Emitting Diode (LED) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Automotive, Backlighting).

**Technology Analysis:** Report covers specific technologies relevant to Chip on Board (COB) Light Emitting Diode (LED). It assesses the current state, advancements, and potential future developments in Chip on Board (COB) Light Emitting Diode (LED) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Chip on Board (COB) Light Emitting Diode (LED) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Chip on Board (COB) Light Emitting Diode (LED) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

LED Illumination

LED Backlighting

### Market segment by Application

Automotive

Backlighting

Illumination

## Major players covered

Cree

Philips LumiLEDs Lighting

Osram Opto Semiconductors

Samsung Electronics

LG Innotek

Citizen Electronics

Nichia

Seoul Semiconductor

Everlight Electronics

Lumens

## Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

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

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Chip on Board (COB) Light Emitting Diode (LED) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Chip on Board (COB) Light Emitting Diode (LED), with price, sales, revenue and global market share of Chip on Board (COB) Light Emitting Diode (LED) from 2019 to 2024.

Chapter 3, the Chip on Board (COB) Light Emitting Diode (LED) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Chip on Board (COB) Light Emitting Diode (LED) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Chip on Board (COB) Light Emitting Diode (LED) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Chip on Board (COB) Light Emitting Diode (LED).

Chapter 14 and 15, to describe Chip on Board (COB) Light Emitting Diode (LED) sales channel, distributors, customers, research findings and conclusion.

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