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Global Optoelectronic Components Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Optoelectronic Components market size was valued at US$ 74580 million in 2024 and is forecast to a readjusted size of USD 136150 million by 2031 with a CAGR of 9.1% during review period.

Optoelectronic components are those which possess the capability to source, detect, and control light. These optoelectronic components are used for a wide range of applications such as for indoor and outdoor lighting, mobile phones in the field of consumer electronics, for fiber optics in telecommunication, for measurement instruments in the industrial sector and many others. Optoelectronic components have the ability to interact with light which makes it ideal to be used in the wide range of applications.

The top 10 manufacturers of global optoelectronic devices are Nichia, Osram, Samsung, Lumileds, Cree, Seoul Semiconductor, Everlight, LG Innoteck, Epister and Liteon.

This report is a detailed and comprehensive analysis for global Optoelectronic Components market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

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Key Features:

Global Optoelectronic Components market size and forecasts, in consumption value ($ Million), sales quantity (M Pcs), and average selling prices (USD/K Pcs), 2020-2031

Global Optoelectronic Components market size and forecasts by region and country, in consumption value ($ Million), sales quantity (M Pcs), and average selling prices (USD/K Pcs), 2020-2031

Global Optoelectronic Components market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (M Pcs), and average selling prices (USD/K Pcs), 2020-2031

Global Optoelectronic Components market shares of main players, shipments in revenue ($ Million), sales quantity (M Pcs), and ASP (USD/K Pcs), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Optoelectronic Components

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Optoelectronic Components market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nichia, Osram, Samsung, Lumileds, Cree, Seoul Semiconductor, Everlight, LG Innoteck, Epister, Liteon, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Optoelectronic Components market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts

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for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

- LED
- Image Sensor
- Infrared Component
- Optocouplers
- Laser Diode

Market segment by Application

- Residential & Commercial
- Automotive
- Consumer Electronics
- Telecommunication
- Industrial
- Healthcare
- Aerospace & Defense
- Others

Major players covered

- Nichia

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Osram

Samsung

Lumileds

Cree

Seoul Semiconductor

Everlight

LG Innoteck

Epister

Liteon

Avago

Vishay

Fairchild

Renesas Electronics

MLS Lighting

IPG

Coherent

Jenoptik

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

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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 Optoelectronic Components product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Optoelectronic Components, with price, sales quantity, revenue, and global market share of Optoelectronic Components from 2020 to 2025.

Chapter 3, the Optoelectronic Components competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Optoelectronic Components breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025.and Optoelectronic Components market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Optoelectronic Components.

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Chapter 14 and 15, to describe Optoelectronic Components sales channel, distributors, customers, research findings and conclusion.

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