

Global LED Packaging Market Size study, By Power Range (Low- & Mid-power LED packages, High-power LED packages), By Packaging Material (Plastic, Nanoceramic, Ceramics, Silicone Materials, Epoxy Molding Compound, Metal Alloys, Polymers, Glass Composites, Others), By Application (General Lighting, Automotive Lighting, Backlighting, Flash Lighting, Industrial, Others), and Regional Forecasts 2022-2028

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Abstracts

Global LED Packaging Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028.

An LED package is a plastic covering that transfers an LED phosphor and chip. The LED chip is the semiconductor element that emits light and the phosphor material changes some of this light into red and green wavelengths. This combination results in the white light that is released by the LED package. The growing demand for efficient UV LED packages, the rising need for LED packages in the display panel market, coupled with the increasing number of government initiatives and regulations promoting the use of LEDs for energy efficiency and environmental benefits are the chief factors that are fueling the global market demand. For instance, according to Statista, in 2021, the LED lighting market was recorded with USD 83.86 billion globally and the amount is projected to grow and reach USD 160.03 billion by 2026. Accordingly, the increasing adoption of LED lighting is propelling the demand for LED Packaging, thus, in turn, augments the market growth around the world. However, the lack of common open

standards and high saturation in the LED packaging market due to the presence of a large number of manufacturers impedes the growth of the market over the forecast period of 2022-2028. Also, the growing adoption of CSP LEDs in automotive lighting applications and rising preference for UV LED-based curing systems for print label and packaging solutions is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global LED Packaging Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. Asia-Pacific is the leading region across the world in terms of market share owing to the rising adoption of high-end consumer electronics like smartphones and wearables, along with increasing investments in infrastructural development. Whereas, Asia-Pacific is also anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the growth of the semiconductor industry, as well as rising government initiatives for the adoption of LED lighting systems, would create lucrative growth prospects for the LED Packaging Market across the Asia-Pacific region.

Major market players included in this report are:

Nichia Corporation

Osram Licht AG

Lumileds Holding B.V.

Seoul Semiconductor Co Ltd

Samsung Electronics Co., Ltd.

Everlight Electronics Co., Ltd.

Citizen Electronics Co., Ltd.

Shenzhen Crescent Optoelectronic Co. LTD.

LG Innotek

Stanley Electric Co., Ltd.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Power Range:

Low- & Mid-power LED packages

High-power LED packages

By Packaging Material:

Plastic

Nanoceramic

Ceramics

Silicone Materials

Epoxy Molding Compound

Metal Alloys

Polymers

Glass Composites

Others

By Application:

General Lighting

Automotive Lighting

Backlighting

Flash Lighting

Industrial

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global LED Packaging Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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