

Asia Pacific Light Emitting Diodes (LED) Market by Product Technology (Basic, High Brightness, Organic, Ultra Violet & Polymer LED) and Application (General Lighting, Back Lighting, Mobile Devices, Signal and signage) - Opportunity Analysis and Industry Forecast, 2014 - 2020

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Abstracts

Light emitting diodes (LED) are small semiconductor light source that emit light when activated. These are components that are incorporated in various appliances, machines, products across diverse industries. Rise in the usage of LEDs in different sectors such as automobiles and mobile phones backlighting applications has given an essential boost to the growth of LED market. In the coming years, LED is anticipated to seize the market for conventional CFL and CCFL lighting owing to the environment friendly & advanced features and higher performance.

There are several factors that positively impact the Asia-Pacific LED Market. Growing display and large screen backlighting market, growing green lighting market, and advanced features such as dimmability are some of the key factors that foster the market for LED in Asia-Pacific region. Additionally, favorable government initiatives & booming real estate industry also positively impact the market. LEDs have proved to be cost effective in the long run. However, the initial cost of LED lighting is very high and this is restricting its initial acceptance, but considering the longer lifetime offered by LEDs, the overall cost of the same is found to be low in comparison to CFLs. Furthermore, the growing demand in the general lighting segment, provides ample growth opportunities for the Asia-Pacific LED market.

The Asia-Pacific LED is segmented based on technology, application, and country. The technology segment comprises basic LED, High Brightness LED, Organic LED, Ultra Violet LED and Polymer LED. Based on application, the market is segmented as

automotive, general lighting, back Lighting, mobile devices, signal & signage and others. Based on countries, the Asia-Pacific LED market covers China, Japan, India, South Korea, and rest of Asia-Pacific.

Leading players and their key business strategies have been analyzed in the report to gain competitive insights into the market. The key market players profiled in the report include Samsung Electronics Co. Ltd., Cree Incorporation, Seoul Semiconductors Co. Ltd., OSRAM Licht, AG, and Nichia Corporation among others.

KEY BENEFITS

Comprehensive analysis of the current and future trends in the Asia-Pacific LED market has been provided in this report

The report provides a competitive scenario of the Asia-Pacific LED market with current and future growth trends, structure, driving factors, scope, opportunities and challenges

The report includes a comprehensive analysis of market segments to provide insights on the market dynamics

Porters Five Forces analysis highlights the potential of buyers and suppliers as well as provides insights on the competitive structure of the market to devise effective growth strategies and facilitate better decision-making

Value chain analysis provides key inputs on the role of stakeholders involved at various stages of the value chain

SWOT analysis of the key market players highlights their strengths and weaknesses along with potential opportunities present in the market

LED MARKET KEY SEGMENTATION

The market is segmented on the basis of technology, application and country.

BY PRODUCT TECHNOLOGY

Basic LED

High Brightness LED

Organic LED

Ultra Violet LED

Polymer LED

BY APPLICATION

Automotive

General Lighting

Back Lighting

Mobile Devices

Signal and signage

Others

Healthcare

Forensic

Academic & Research

BY COUNTRIES

Japan

China

India

South Korea

Rest of Asia-Pacific

KEY PLAYERS

Samsung Electronics Co. Ltd.

Cree Incorporation

Seoul Semiconductors Co. Ltd.

OSRAM Licht, AG

Nichia Corporation

LG Innotek Co. Ltd.

GE Lighting Solutions

Toyoda Gosei Co. Ltd.

Philips Lumileds Lighting Company

Panasonic Corporation

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