

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

Contents

CHAPTER 1 INTRODUCTION

- 1.1 Report description
- 1.2 Key benefits
- 1.3 Key market segment
- 1.4 Research methodology
 - 1.4.1 Secondary research
 - 1.4.2 Primary research
 - 1.4.3 Analyst tools and models

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 CXO perspectives
- 2.2 Market beyond: what to expect by 2025
 - 2.2.1 Base case scenario
 - 2.2.2 Optimistic scenario
 - 2.2.3 Critical scenario

CHAPTER 3 MARKET OVERVIEW

- 3.1 Market definition and scope
- 3.2 Key findings
 - 3.2.1 Top impacting factors
 - 3.2.2 Top investment pockets
 - 3.2.3 Top winning strategies
- 3.3 Value chain analysis
- 3.4 Market share analysis 2014
- 3.5 Emerging application of LED Li-Fi
- 3.6 Porters five forces analysis
 - 3.6.1 Lower threat of new entrants
 - 3.6.2 Lower threat of substitutes
 - 3.6.3 Higher bargaining power of supplier
 - 3.6.4 Moderate bargaining power of buyers
 - 3.6.5 Higher industry rivalry
- 3.7 Case studies
- 3.8 Market dynamics
 - 3.8.1 Drivers

- 3.8.1.1 Growing display and large screen backlighting market
- 3.8.1.2 Increasing green construction
- 3.8.1.3 Longer life span
- 3.8.1.4 Dimmability
- 3.8.1.5 Falling cost of LED lamps
- 3.8.2 Restraints
 - 3.8.2.1 High initial cost
- 3.8.3 Opportunities
 - 3.8.3.1 High efficacy LED
 - 3.8.3.2 Growing demand in general lighting

CHAPTER 4 BY TECHNOLOGY

- 4.1 Basic LED
 - 4.1.1 Key market trends
 - 4.1.2 Key growth factors and opportunities
 - 4.1.3 Competitive scenario
 - 4.1.4 Market size and forecast
- 4.2 High Brightness LED
 - 4.2.1 Key market trends
 - 4.2.2 Key growth factors and opportunities
 - 4.2.3 Competitive scenario
 - 4.2.4 Market size and forecast
- 4.3 Organic LED (OLED)
 - 4.3.1 Key market trends
 - 4.3.2 Key growth factors and opportunities
 - 4.3.3 Competitive scenario
 - 4.3.4 Market size and forecast
- 4.4 Ultraviolet LED (UV-LED)
 - 4.4.1 Key market trends
 - 4.4.2 Key growth factors and opportunities
 - 4.4.3 Competitive scenario
 - 4.4.4 Market size and forecast
- 4.5 Polymer LED (PLED)
 - 4.5.1 Key market trends
 - 4.5.2 Key growth factors and opportunities
 - 4.5.3 Competitive scenario
 - 4.5.4 Market size and forecast

CHAPTER 5 BY APPLICATION

5.1 Automotive

5.1.1 Market size and forecast

5.2 General Lighting

5.2.1 Market size and forecast

5.3 Backlighting

5.3.1 Market size and forecast

5.4 Mobile Devices

5.4.1 Market size and forecast

5.5 Signals and signage

5.5.1 Market size and forecast

5.6 Others

5.6.1 Healthcare

5.6.2 Forensic

5.6.3 Academic and Research

5.6.4 Market size and forecast

CHAPTER 6 BY COUNTRY

6.1 China

6.1.1 Key market trends

6.1.2 Key growth factors and opportunities

6.1.3 Market size and forecast

6.2 Japan

6.2.1 Key market trends

6.2.2 Key growth factors and opportunities

6.2.3 Market size and forecast

6.3 India

6.3.1 Key market trends

6.3.2 Key growth factors and opportunities

6.3.3 Market size and forecast

6.4 South Korea

6.4.1 Key market trends

6.4.2 Key growth factors and opportunities

6.4.3 Market size and forecast

CHAPTER 7 COMPANY PROFILE

7.1 Samsung Electronics Co. Ltd.

7.1.1 Company overview

7.1.2 Company snapshot

7.1.3 Business performance

7.1.4 Strategic moves and development

7.1.4.1 Primary strategy: product launch

7.1.5 SWOT analysis of Samsung Electronics Co. Ltd.

7.2 Cree Incorporation

7.2.1 Company overview

7.2.2 Company snapshot

7.2.3 Business performance

7.2.4 Strategic moves and development

7.2.4.1 Primary strategy: product launch

7.2.4.2 Secondary strategy: agreement

7.2.5 SWOT analysis of Cree Incorporation

7.3 Seoul Semiconductor Co. Ltd.

7.3.1 Company Overview

7.3.2 Company snapshot

7.3.3 Business performance

7.3.4 Strategic moves and developments

7.3.4.1 Primary strategy: product launch

7.3.5 SWOT analysis of Seoul Semiconductor Co. Ltd.

7.4 OSRAM Licht, AG

7.4.1 Company Overview

7.4.2 Company snapshot

7.4.3 Business performance

7.4.4 Strategic moves and developments

7.4.4.1 Primary strategy: product launch

7.4.4.2 Secondary strategy: acquisition, expansion, agreement

7.4.5 SWOT Analysis of Osram Litch AG

7.5 Nichia Corporation

7.5.1 Company overview

7.5.2 Company snapshot

7.5.3 Strategic moves and development

7.5.3.1 Primary strategy: product launch

7.5.3.2 Secondary strategy: agreements

7.5.4 SWOT analysis of Nichia Corporation

7.6 LG Innotek Co Ltd

7.6.1 Company overview

- 7.6.2 Company snapshot
- 7.6.3 Business performance
- 7.6.4 Strategic moves and developments
 - 7.6.4.1 Primary strategy: product launch
- 7.6.5 SWOT analysis of LG Innotek Co Ltd.
- 7.7 GE Lighting Solutions
 - 7.7.1 Company overview
 - 7.7.2 Company snapshot
 - 7.7.3 Business performance
 - 7.7.4 Strategic moves and development
 - 7.7.4.1 Primary strategy: product launch
 - 7.7.4.2 Secondary strategy: agreement
 - 7.7.5 SWOT analysis of GE Lighting Solutions
- 7.8 Toyoda Gosei Co. Ltd.
 - 7.8.1 Company overview
 - 7.8.2 Company snapshot
 - 7.8.3 Business performance
 - 7.8.4 Strategic moves and developments
 - 7.8.4.1 Secondary strategy: agreement, joint-venture
 - 7.8.5 SWOT analysis of Toyoda Gosei Co Ltd.
- 7.9 Philips Lumileds Lighting Company
 - 7.9.1 Company overview
 - 7.9.2 Company snapshot
 - 7.9.3 Business performance
 - 7.9.4 Strategic moves and developments
 - 7.9.4.1 Primary strategy: product launch
 - 7.9.4.2 Secondary strategy: partnership and agreement
 - 7.9.5 SWOT analysis of Philips Lumileds Lighting Company
- 7.10 Panasonic Corporation
 - 7.10.1 Company overview
 - 7.10.2 Company snapshot
 - 7.10.3 Business performance
 - 7.10.4 Strategic moves and development
 - 7.10.4.1 Primary strategy: product launch
 - 7.10.4.2 Secondary strategy: partnership and agreement
 - 7.10.5 SWOT analysis of Panasonic Corporation

List Of Tables

LIST OF TABLES

TABLE 1 APAC LED MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 2 APAC LED BASE CASE SCENARIO MARKET REVENUE BY REGION, 2020-2025 (\$ MILLION)

TABLE 3 APAC LED OPTIMISTIC CASE SCENARIO MARKET REVENUE BY REGION, 2020-2025 (\$ MILLION)

TABLE 4 APAC LED CRITICAL CASE SCENARIO MARKET REVENUE BY REGION, 2020-2025 (\$ MILLION)

TABLE 5 APAC LED MARKET REVENUE BY TECHNOLOGY, 2014-2020 (\$ MILLION)

TABLE 6 APAC BASIC LED TECHNOLOGY MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 7 APAC HIGH BRIGHTNESS LED TECHNOLOGY MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 8 APAC ORGANIC LED TECHNOLOGY MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 9 APAC UV-LED TECHNOLOGY MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 10 APAC POLYMER LED TECHNOLOGY MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 11 APAC LED MARKET REVENUE BY APPLICATION, 2014-2020 (\$ MILLION)

TABLE 12 APAC AUTOMOTIVE LED APPLICATION MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 13 APAC GENERAL LIGHTING LED APPLICATION MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 14 APAC BACKLIGHTING LED APPLICATION MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 15 APAC MOBILE DEVICES APPLICATION MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 16 APAC SIGNALS AND SIGNAGE APPLICATION MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 17 APAC OTHER APPLICATION MARKET REVENUE BY REGION, 2014-2020 (\$ MILLION)

TABLE 18 APAC LED MARKET REVENUE, BY COUNTRY, 2014-2020 (\$ MILLION)

TABLE 19 CHINESE LED MARKET REVENUE BY TECHNOLOGY, 2014-2020 (\$ MILLION)

TABLE 20 JAPANESE LED MARKET REVENUE BY TECHNOLOGY, 2014-2020 (\$

MILLION)

TABLE 21 INDIAN LED MARKET REVENUE BY TECHNOLOGY, 2014-2020 (\$
MILLION)

TABLE 22 SOUTH KOREAN MARKET REVENUE BY TECHNOLOGY, 2014-2020 (\$
MILLION)

TABLE 23 SAMSUNG ELECTRONICS CO. LTD BUSINESS SNAPSHOT

TABLE 24 CREE INCORPORATION CO. LTD BUSINESS SNAPSHOT

TABLE 25 SEOUL SEMICONDUCTOR CO. LTD BUSINESS SNAPSHOT

TABLE 26 OSRAM LIGHT AG BUSINESS SNAPSHOT

TABLE 27 NICHIA CORPORATION BUSINESS SNAPSHOT

TABLE 28 LG INNOTEK CO LTD BUSINESS SNAPSHOT

TABLE 29 GE LIGHTNING SOLUTIONS BUSINESS SNAPSHOT

TABLE 30 TOYODA GOSEI CO. LTD. BUSINESS SNAPSHOT

TABLE 31 PHILIPS LUMILEDS LIGHTING COMPANY BUSINESS SNAPSHOT

TABLE 32 PANASONIC CORPORATION BUSINESS SNAPSHOT

List Of Figures

LIST OF FIGURES

- FIG. 1 TOP IMPACTING FACTORS
- FIG. 2 TOP INVESTMENT POCKETS
- FIG. 3 TOP WINNING STRATEGIES
- FIG. 4 APAC LED MARKETS VALUE CHAIN
- FIG. 5 APAC LED MARKETS PORTERS FIVE FORCES MODEL
- FIG. 6 HIGH BRIGHTNESS - LED APPLICATION
- FIG. 7 REVENUE GENERATED BY SAMSUNG ELECTRONICS CO. LTD, 2011- 2013, (\$ MILLION)
- FIG. 8 SWOT ANALYSIS OF SAMSUNG ELECTRONICS CO. LTD.
- FIG. 9 REVENUE GENERATED BY CREE INCORPORATION, 2012- 2014, (\$ MILLION)
- FIG. 10 CREE INCORPORATION REVENUES (2014), BY OPERATING SEGMENT (%)
- FIG. 11 SWOT ANALYSIS OF CREE INCORPORATION
- FIG. 12 REVENUE GENERATED BY SEOUL SEMICONDUCTORS CO. LTD, 2011- 2013, (\$ MILLION)
- FIG. 13 SWOT ANALYSIS OF SEOUL SEMICONDUCTOR CO. LTD.
- FIG. 14 REVENUE GENERATED BY OSRAM LIGHT AG, 2012- 2013, (\$ MILLION)
- FIG. 15 OSRAM LIGHT AG REVENUE SHARE BY BUSINESS SEGMENT, 2013 (%)
- FIG. 16 OSRAM LIGHT AG REVENUE SHARE BY REGIONS, 2013 (%)
- FIG. 17 SWOT ANALYSIS OF OSRAM LITCH AG
- FIG. 18 SWOT ANALYSIS OF NICHIA CORPORATION
- FIG. 19 REVENUE GENERATED BY LG INNOTEK CO LTD, 2012- 2014, (\$MILLION)
- FIG. 20 SWOT ANALYSIS OF LG INNOTEK CO. LTD.
- FIG. 21 REVENUE GENERATED BY GE FROM APPLIANCES & LIGHTING BUSINESS, 2011-2013, (\$ MILLION)
- FIG. 22 SWOT ANALYSIS OF GE LIGHTING SOLUTION
- FIG. 23 NET SALES TOYODA GOSEI CO., LTD. 2011- 2013, (\$ MILLION)
- FIG. 24 TOYODA GOSEI CO., LTD. NET SALES SHARE, BY REGION, 2013 (%)
- FIG. 25 TOYODA GOSEI CO., LTD. NET SALES SHARE, BY SEGMENTS, 2013 (%)
- FIG. 26 SWOT ANALYSIS OF TOYODA GOSEI CO. LTD.
- FIG. 27 NET SALES BY PHILIPS LUMILEDS LIGHTING 2011-2013, (\$ MILLION)
- FIG. 28 PHILIPS LUMILEDS LIGHTING NET SALES BY SEGMENTS, 2013 (%)
- FIG. 29 SWOT ANALYSIS OF PHILIPS LUMILEDS LIGHTING COMPANY
- FIG. 30 NET SALES BY PANASONIC CORPORATION 2012- 2014, (\$ MILLION)

FIG. 31 SWOT ANALYSIS OF PANASONIC CORPORATION

I would like to order

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