

Global LED Chip and Module Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

<https://marketpublishers.com/r/G0F2F249A741EN.html>

Date: April 2024

Pages: 194

Price: US\$ 3,950.00 (Single User License)

ID: G0F2F249A741EN

Abstracts

Summary

Epi/chip. Epitaxy refers to the process of evolving a wafer (sapphire or SiC, for instance) by depositing epitaxial layers on the wafer using MOCVD. Creating the epitaxial layers is the most critical and capital-intensive step in LED manufacturing. After additional wafer processing to create the metal connection, the wafer is cut up ('diced') into chips. Although it can be used for different applications, the quality requirements (mainly efficacy) of the epi/chip differ by application.

Module (sometimes called light engine). Creation of a module (light engine) is the next step in the LED lighting value chain. The module (light engine) mainly consists of one or more LED packages, secondary optics, a heat sink and an electrical driver. The LEDs are mounted on a PCB (printed circuit board), and the modules (light engines) are integrated with optics and thermal/power management components to optimize the module (light engine) to each application.

According to APO Research, The global LED Chip and Module market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for LED Chip and Module is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for LED Chip and Module is estimated to increase from \$ million in

2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for LED Chip and Module is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for LED Chip and Module is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of LED Chip and Module include Epistar, San'an Opto, Cree, OSRAM, Samsung, Toyoda Gosei, Seoul Semiconductor, Philips Lumileds and ETI, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

In terms of production side, this report researches the LED Chip and Module production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of LED Chip and Module by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for LED Chip and Module, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of LED Chip and Module, also provides the consumption of main regions and countries. Of the upcoming market potential for LED Chip and Module, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the LED Chip and Module sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global LED Chip and Module market, and analysis of their

competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for LED Chip and Module sales, projected growth trends, production technology, application and end-user industry.

LED Chip and Module segment by Company

Epistar

San'an Opto

Cree

OSRAM

Samsung

Toyoda Gosei

Seoul Semiconductor

Philips Lumileds

ETI

LG Innotek

NiChia

HC SemiTek

Lextar

Lattice Power

OPTO-TECH

Tyntek

Genesis Photonics

Formosa Epitaxy

Changelight

Aucksun

TongFang

LED Chip and Module segment by Type

Lateral Chip

Vertical Chip

Flip Chip

LED Chip and Module segment by Application

General Lighting

Automotive Lighting

Backlighting

LED Chip and Module segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global LED Chip and Module market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify

the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of LED Chip and Module and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of LED Chip and Module.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the LED Chip and Module market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global LED Chip and Module industry.

Chapter 3: Detailed analysis of LED Chip and Module market competition landscape. Including LED Chip and Module manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of LED Chip and Module by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of LED Chip and Module in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global LED Chip and Module Production Value Estimates and Forecasts (2019-2030)
 - 1.2.2 Global LED Chip and Module Production Capacity Estimates and Forecasts (2019-2030)
 - 1.2.3 Global LED Chip and Module Production Estimates and Forecasts (2019-2030)
 - 1.2.4 Global LED Chip and Module Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 GLOBAL LED CHIP AND MODULE MARKET DYNAMICS

- 2.1 LED Chip and Module Industry Trends
- 2.2 LED Chip and Module Industry Drivers
- 2.3 LED Chip and Module Industry Opportunities and Challenges
- 2.4 LED Chip and Module Industry Restraints

3 LED CHIP AND MODULE MARKET BY MANUFACTURERS

- 3.1 Global LED Chip and Module Production Value by Manufacturers (2019-2024)
- 3.2 Global LED Chip and Module Production by Manufacturers (2019-2024)
- 3.3 Global LED Chip and Module Average Price by Manufacturers (2019-2024)
- 3.4 Global LED Chip and Module Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global LED Chip and Module Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global LED Chip and Module Manufacturers, Product Type & Application
- 3.7 Global LED Chip and Module Manufacturers Commercialization Time
- 3.8 Market Competitive Analysis
 - 3.8.1 Global LED Chip and Module Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 LED Chip and Module Players Market Share by Production Value in 2023
 - 3.8.3 2023 LED Chip and Module Tier 1, Tier 2, and Tier

4 LED CHIP AND MODULE MARKET BY TYPE

4.1 LED Chip and Module Type Introduction

4.1.1 Lateral Chip

4.1.2 Vertical Chip

4.1.3 Flip Chip

4.2 Global LED Chip and Module Production by Type

4.2.1 Global LED Chip and Module Production by Type (2019 VS 2023 VS 2030)

4.2.2 Global LED Chip and Module Production by Type (2019-2030)

4.2.3 Global LED Chip and Module Production Market Share by Type (2019-2030)

4.3 Global LED Chip and Module Production Value by Type

4.3.1 Global LED Chip and Module Production Value by Type (2019 VS 2023 VS 2030)

4.3.2 Global LED Chip and Module Production Value by Type (2019-2030)

4.3.3 Global LED Chip and Module Production Value Market Share by Type (2019-2030)

5 LED CHIP AND MODULE MARKET BY APPLICATION

5.1 LED Chip and Module Application Introduction

5.1.1 General Lighting

5.1.2 Automotive Lighting

5.1.3 Backlighting

5.2 Global LED Chip and Module Production by Application

5.2.1 Global LED Chip and Module Production by Application (2019 VS 2023 VS 2030)

5.2.2 Global LED Chip and Module Production by Application (2019-2030)

5.2.3 Global LED Chip and Module Production Market Share by Application (2019-2030)

5.3 Global LED Chip and Module Production Value by Application

5.3.1 Global LED Chip and Module Production Value by Application (2019 VS 2023 VS 2030)

5.3.2 Global LED Chip and Module Production Value by Application (2019-2030)

5.3.3 Global LED Chip and Module Production Value Market Share by Application (2019-2030)

6 COMPANY PROFILES

6.1 Epistar

6.1.1 Epistar Company Information

- 6.1.2 Epistar Business Overview
- 6.1.3 Epistar LED Chip and Module Production, Value and Gross Margin (2019-2024)
- 6.1.4 Epistar LED Chip and Module Product Portfolio
- 6.1.5 Epistar Recent Developments
- 6.2 San'an Opto
 - 6.2.1 San'an Opto Company Information
 - 6.2.2 San'an Opto Business Overview
 - 6.2.3 San'an Opto LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.2.4 San'an Opto LED Chip and Module Product Portfolio
 - 6.2.5 San'an Opto Recent Developments
- 6.3 Cree
 - 6.3.1 Cree Company Information
 - 6.3.2 Cree Business Overview
 - 6.3.3 Cree LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.3.4 Cree LED Chip and Module Product Portfolio
 - 6.3.5 Cree Recent Developments
- 6.4 OSRAM
 - 6.4.1 OSRAM Company Information
 - 6.4.2 OSRAM Business Overview
 - 6.4.3 OSRAM LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.4.4 OSRAM LED Chip and Module Product Portfolio
 - 6.4.5 OSRAM Recent Developments
- 6.5 Samsung
 - 6.5.1 Samsung Company Information
 - 6.5.2 Samsung Business Overview
 - 6.5.3 Samsung LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.5.4 Samsung LED Chip and Module Product Portfolio
 - 6.5.5 Samsung Recent Developments
- 6.6 Toyoda Gosei
 - 6.6.1 Toyoda Gosei Company Information
 - 6.6.2 Toyoda Gosei Business Overview
 - 6.6.3 Toyoda Gosei LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.6.4 Toyoda Gosei LED Chip and Module Product Portfolio
 - 6.6.5 Toyoda Gosei Recent Developments
- 6.7 Seoul Semiconductor
 - 6.7.1 Seoul Semiconductor Company Information

- 6.7.2 Seoul Semiconductor Business Overview
- 6.7.3 Seoul Semiconductor LED Chip and Module Production, Value and Gross Margin (2019-2024)
- 6.7.4 Seoul Semiconductor LED Chip and Module Product Portfolio
- 6.7.5 Seoul Semiconductor Recent Developments
- 6.8 Philips Lumileds
 - 6.8.1 Philips Lumileds Company Information
 - 6.8.2 Philips Lumileds Business Overview
 - 6.8.3 Philips Lumileds LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.8.4 Philips Lumileds LED Chip and Module Product Portfolio
 - 6.8.5 Philips Lumileds Recent Developments
- 6.9 ETI
 - 6.9.1 ETI Company Information
 - 6.9.2 ETI Business Overview
 - 6.9.3 ETI LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.9.4 ETI LED Chip and Module Product Portfolio
 - 6.9.5 ETI Recent Developments
- 6.10 LG Innotek
 - 6.10.1 LG Innotek Company Information
 - 6.10.2 LG Innotek Business Overview
 - 6.10.3 LG Innotek LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.10.4 LG Innotek LED Chip and Module Product Portfolio
 - 6.10.5 LG Innotek Recent Developments
- 6.11 Nichia
 - 6.11.1 Nichia Company Information
 - 6.11.2 Nichia Business Overview
 - 6.11.3 Nichia LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.11.4 Nichia LED Chip and Module Product Portfolio
 - 6.11.5 Nichia Recent Developments
- 6.12 HC SemiTek
 - 6.12.1 HC SemiTek Company Information
 - 6.12.2 HC SemiTek Business Overview
 - 6.12.3 HC SemiTek LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.12.4 HC SemiTek LED Chip and Module Product Portfolio
 - 6.12.5 HC SemiTek Recent Developments
- 6.13 Lextar

- 6.13.1 Lextar Comapny Information
- 6.13.2 Lextar Business Overview
- 6.13.3 Lextar LED Chip and Module Production, Value and Gross Margin (2019-2024)
- 6.13.4 Lextar LED Chip and Module Product Portfolio
- 6.13.5 Lextar Recent Developments
- 6.14 Lattice Power
 - 6.14.1 Lattice Power Comapny Information
 - 6.14.2 Lattice Power Business Overview
 - 6.14.3 Lattice Power LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.14.4 Lattice Power LED Chip and Module Product Portfolio
 - 6.14.5 Lattice Power Recent Developments
- 6.15 OPTO-TECH
 - 6.15.1 OPTO-TECH Comapny Information
 - 6.15.2 OPTO-TECH Business Overview
 - 6.15.3 OPTO-TECH LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.15.4 OPTO-TECH LED Chip and Module Product Portfolio
 - 6.15.5 OPTO-TECH Recent Developments
- 6.16 Tyntek
 - 6.16.1 Tyntek Comapny Information
 - 6.16.2 Tyntek Business Overview
 - 6.16.3 Tyntek LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.16.4 Tyntek LED Chip and Module Product Portfolio
 - 6.16.5 Tyntek Recent Developments
- 6.17 Genesis Photonics
 - 6.17.1 Genesis Photonics Comapny Information
 - 6.17.2 Genesis Photonics Business Overview
 - 6.17.3 Genesis Photonics LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.17.4 Genesis Photonics LED Chip and Module Product Portfolio
 - 6.17.5 Genesis Photonics Recent Developments
- 6.18 Formosa Epitaxy
 - 6.18.1 Formosa Epitaxy Comapny Information
 - 6.18.2 Formosa Epitaxy Business Overview
 - 6.18.3 Formosa Epitaxy LED Chip and Module Production, Value and Gross Margin (2019-2024)
 - 6.18.4 Formosa Epitaxy LED Chip and Module Product Portfolio
 - 6.18.5 Formosa Epitaxy Recent Developments

6.19 Changelight

6.19.1 Changelight Company Information

6.19.2 Changelight Business Overview

6.19.3 Changelight LED Chip and Module Production, Value and Gross Margin (2019-2024)

6.19.4 Changelight LED Chip and Module Product Portfolio

6.19.5 Changelight Recent Developments

6.20 Aucksun

6.20.1 Aucksun Company Information

6.20.2 Aucksun Business Overview

6.20.3 Aucksun LED Chip and Module Production, Value and Gross Margin (2019-2024)

6.20.4 Aucksun LED Chip and Module Product Portfolio

6.20.5 Aucksun Recent Developments

6.21 TongFang

6.21.1 TongFang Company Information

6.21.2 TongFang Business Overview

6.21.3 TongFang LED Chip and Module Production, Value and Gross Margin (2019-2024)

6.21.4 TongFang LED Chip and Module Product Portfolio

6.21.5 TongFang Recent Developments

7 GLOBAL LED CHIP AND MODULE PRODUCTION BY REGION

7.1 Global LED Chip and Module Production by Region: 2019 VS 2023 VS 2030

7.2 Global LED Chip and Module Production by Region (2019-2030)

7.2.1 Global LED Chip and Module Production by Region: 2019-2024

7.2.2 Global LED Chip and Module Production by Region (2025-2030)

7.3 Global LED Chip and Module Production by Region: 2019 VS 2023 VS 2030

7.4 Global LED Chip and Module Production Value by Region (2019-2030)

7.4.1 Global LED Chip and Module Production Value by Region: 2019-2024

7.4.2 Global LED Chip and Module Production Value by Region (2025-2030)

7.5 Global LED Chip and Module Market Price Analysis by Region (2019-2024)

7.6 Regional Production Value Trends (2019-2030)

7.6.1 North America LED Chip and Module Production Value (2019-2030)

7.6.2 Europe LED Chip and Module Production Value (2019-2030)

7.6.3 Asia-Pacific LED Chip and Module Production Value (2019-2030)

7.6.4 Latin America LED Chip and Module Production Value (2019-2030)

7.6.5 Middle East & Africa LED Chip and Module Production Value (2019-2030)

8 GLOBAL LED CHIP AND MODULE CONSUMPTION BY REGION

8.1 Global LED Chip and Module Consumption by Region: 2019 VS 2023 VS 2030

8.2 Global LED Chip and Module Consumption by Region (2019-2030)

8.2.1 Global LED Chip and Module Consumption by Region (2019-2024)

8.2.2 Global LED Chip and Module Consumption by Region (2025-2030)

8.3 North America

8.3.1 North America LED Chip and Module Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.3.2 North America LED Chip and Module Consumption by Country (2019-2030)

8.3.3 U.S.

8.3.4 Canada

8.4 Europe

8.4.1 Europe LED Chip and Module Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.4.2 Europe LED Chip and Module Consumption by Country (2019-2030)

8.4.3 Germany

8.4.4 France

8.4.5 U.K.

8.4.6 Italy

8.4.7 Netherlands

8.5 Asia Pacific

8.5.1 Asia Pacific LED Chip and Module Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.5.2 Asia Pacific LED Chip and Module Consumption by Country (2019-2030)

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA LED Chip and Module Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.6.2 LAMEA LED Chip and Module Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

9.1 LED Chip and Module Value Chain Analysis

9.1.1 LED Chip and Module Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 LED Chip and Module Production Mode & Process

9.2 LED Chip and Module Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 LED Chip and Module Distributors

9.2.3 LED Chip and Module Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. LED Chip and Module Industry Trends

Table 2. LED Chip and Module Industry Drivers

Table 3. LED Chip and Module Industry Opportunities and Challenges

Table 4. LED Chip and Module Industry Restraints

Table 5. Global LED Chip and Module Production Value by Manufacturers (US\$ Million) & (2019-2024)

Table 6. Global LED Chip and Module Production Value Market Share by Manufacturers (2019-2024)

Table 7. Global LED Chip and Module Production by Manufacturers (K Sq.in.) & (2019-2024)

Table 8. Global LED Chip and Module Production Market Share by Manufacturers

Table 9. Global LED Chip and Module Average Price (USD/Sq.in.) of Manufacturers (2019-2024)

Table 10. Global LED Chip and Module Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 11. Global LED Chip and Module Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 12. Global LED Chip and Module Key Manufacturers Manufacturing Sites & Headquarters

Table 13. Global LED Chip and Module Manufacturers, Product Type & Application

Table 14. Global LED Chip and Module Manufacturers Commercialization Time

Table 15. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 16. Global LED Chip and Module by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2023)

Table 17. Major Manufacturers of Lateral Chip

Table 18. Major Manufacturers of Vertical Chip

Table 19. Major Manufacturers of Flip Chip

Table 20. Global LED Chip and Module Production by type 2019 VS 2023 VS 2030 (K Sq.in.)

Table 21. Global LED Chip and Module Production by type (2019-2024) & (K Sq.in.)

Table 22. Global LED Chip and Module Production by type (2025-2030) & (K Sq.in.)

Table 23. Global LED Chip and Module Production Market Share by type (2019-2024)

Table 24. Global LED Chip and Module Production Market Share by type (2025-2030)

Table 25. Global LED Chip and Module Production Value by type 2019 VS 2023 VS 2030 (K Sq.in.)

Table 26. Global LED Chip and Module Production Value by type (2019-2024) & (K Sq.in.)

Table 27. Global LED Chip and Module Production Value by type (2025-2030) & (K Sq.in.)

Table 28. Global LED Chip and Module Production Value Market Share by type (2019-2024)

Table 29. Global LED Chip and Module Production Value Market Share by type (2025-2030)

Table 30. Major Manufacturers of General Lighting

Table 31. Major Manufacturers of Automotive Lighting

Table 32. Major Manufacturers of Backlighting

Table 33. Global LED Chip and Module Production by application 2019 VS 2023 VS 2030 (K Sq.in.)

Table 34. Global LED Chip and Module Production by application (2019-2024) & (K Sq.in.)

Table 35. Global LED Chip and Module Production by application (2025-2030) & (K Sq.in.)

Table 36. Global LED Chip and Module Production Market Share by application (2019-2024)

Table 37. Global LED Chip and Module Production Market Share by application (2025-2030)

Table 38. Global LED Chip and Module Production Value by application 2019 VS 2023 VS 2030 (K Sq.in.)

Table 39. Global LED Chip and Module Production Value by application (2019-2024) & (K Sq.in.)

Table 40. Global LED Chip and Module Production Value by application (2025-2030) & (K Sq.in.)

Table 41. Global LED Chip and Module Production Value Market Share by application (2019-2024)

Table 42. Global LED Chip and Module Production Value Market Share by application (2025-2030)

Table 43. Epistar Company Information

Table 44. Epistar Business Overview

Table 45. Epistar LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 46. Epistar LED Chip and Module Product Portfolio

Table 47. Epistar Recent Development

Table 48. San'an Opto Company Information

Table 49. San'an Opto Business Overview

Table 50. San'an Opto LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 51. San'an Opto LED Chip and Module Product Portfolio

Table 52. San'an Opto Recent Development

Table 53. Cree Company Information

Table 54. Cree Business Overview

Table 55. Cree LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 56. Cree LED Chip and Module Product Portfolio

Table 57. Cree Recent Development

Table 58. OSRAM Company Information

Table 59. OSRAM Business Overview

Table 60. OSRAM LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 61. OSRAM LED Chip and Module Product Portfolio

Table 62. OSRAM Recent Development

Table 63. Samsung Company Information

Table 64. Samsung Business Overview

Table 65. Samsung LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 66. Samsung LED Chip and Module Product Portfolio

Table 67. Samsung Recent Development

Table 68. Toyoda Gosei Company Information

Table 69. Toyoda Gosei Business Overview

Table 70. Toyoda Gosei LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 71. Toyoda Gosei LED Chip and Module Product Portfolio

Table 72. Toyoda Gosei Recent Development

Table 73. Seoul Semiconductor Company Information

Table 74. Seoul Semiconductor Business Overview

Table 75. Seoul Semiconductor LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 76. Seoul Semiconductor LED Chip and Module Product Portfolio

Table 77. Seoul Semiconductor Recent Development

Table 78. Philips Lumileds Company Information

Table 79. Philips Lumileds Business Overview

Table 80. Philips Lumileds LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 81. Philips Lumileds LED Chip and Module Product Portfolio

- Table 82. Philips Lumileds Recent Development
- Table 83. ETI Company Information
- Table 84. ETI Business Overview
- Table 85. ETI LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)
- Table 86. ETI LED Chip and Module Product Portfolio
- Table 87. ETI Recent Development
- Table 88. LG Innotek Company Information
- Table 89. LG Innotek Business Overview
- Table 90. LG Innotek LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)
- Table 91. LG Innotek LED Chip and Module Product Portfolio
- Table 92. LG Innotek Recent Development
- Table 93. NiChia Company Information
- Table 94. NiChia Business Overview
- Table 95. NiChia LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)
- Table 96. NiChia LED Chip and Module Product Portfolio
- Table 97. NiChia Recent Development
- Table 98. HC SemiTek Company Information
- Table 99. HC SemiTek Business Overview
- Table 100. HC SemiTek LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)
- Table 101. HC SemiTek LED Chip and Module Product Portfolio
- Table 102. HC SemiTek Recent Development
- Table 103. Lextar Company Information
- Table 104. Lextar Business Overview
- Table 105. Lextar LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)
- Table 106. Lextar LED Chip and Module Product Portfolio
- Table 107. Lextar Recent Development
- Table 108. Lattice Power Company Information
- Table 109. Lattice Power Business Overview
- Table 110. Lattice Power LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)
- Table 111. Lattice Power LED Chip and Module Product Portfolio
- Table 112. Lattice Power Recent Development
- Table 113. OPTO-TECH Company Information
- Table 114. OPTO-TECH Business Overview

Table 115. OPTO-TECH LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 116. OPTO-TECH LED Chip and Module Product Portfolio

Table 117. OPTO-TECH Recent Development

Table 118. Tyntek Company Information

Table 119. Tyntek Business Overview

Table 120. Tyntek LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 121. Tyntek LED Chip and Module Product Portfolio

Table 122. Tyntek Recent Development

Table 123. Genesis Photonics Company Information

Table 124. Genesis Photonics Business Overview

Table 125. Genesis Photonics LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 126. Genesis Photonics LED Chip and Module Product Portfolio

Table 127. Genesis Photonics Recent Development

Table 128. Formosa Epitaxy Company Information

Table 129. Formosa Epitaxy Business Overview

Table 130. Formosa Epitaxy LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 131. Formosa Epitaxy LED Chip and Module Product Portfolio

Table 132. Formosa Epitaxy Recent Development

Table 133. Changelight Company Information

Table 134. Changelight Business Overview

Table 135. Changelight LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 136. Changelight LED Chip and Module Product Portfolio

Table 137. Changelight Recent Development

Table 138. Aucksun Company Information

Table 139. Aucksun Business Overview

Table 140. Aucksun LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 141. Aucksun LED Chip and Module Product Portfolio

Table 142. Aucksun Recent Development

Table 143. TongFang Company Information

Table 144. TongFang Business Overview

Table 145. TongFang LED Chip and Module Production (K Sq.in.), Value (US\$ Million), Price (USD/Sq.in.) and Gross Margin (2019-2024)

Table 146. TongFang LED Chip and Module Product Portfolio

Table 147. TongFang Recent Development

Table 148. Global LED Chip and Module Production by Region: 2019 VS 2023 VS 2030 (K Sq.in.)

Table 149. Global LED Chip and Module Production by Region (2019-2024) & (K Sq.in.)

Table 150. Global LED Chip and Module Production Market Share by Region (2019-2024)

Table 151. Global LED Chip and Module Production Forecast by Region (2025-2030) & (K Sq.in.)

Table 152. Global LED Chip and Module Production Market Share Forecast by Region (2025-2030)

Table 153. Global LED Chip and Module Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 154. Global LED Chip and Module Production Value by Region (2019-2024) & (US\$ Million)

Table 155. Global LED Chip and Module Production Value Forecast by Region (2025-2030) & (US\$ Million)

Table 156. Global LED Chip and Module Production Value Share Forecast by Region: (2025-2030) & (US\$ Million)

Table 157. Global LED Chip and Module Market Average Price (USD/Sq.in.) by Region (2019-2024)

Table 158. Global LED Chip and Module Market Average Price (USD/Sq.in.) by Region (2025-2030)

Table 159. Global LED Chip and Module Consumption by Region: 2019 VS 2023 VS 2030 (K Sq.in.)

Table 160. Global LED Chip and Module Consumption by Region (2019-2024) & (K Sq.in.)

Table 161. Global LED Chip and Module Consumption Market Share by Region (2019-2024)

Table 162. Global LED Chip and Module Consumption Forecasted by Region (2025-2030) & (K Sq.in.)

Table 163. Global LED Chip and Module Consumption Forecasted Market Share by Region (2025-2030)

Table 164. North America LED Chip and Module Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Sq.in.)

Table 165. North America LED Chip and Module Consumption by Country (2019-2024) & (K Sq.in.)

Table 166. North America LED Chip and Module Consumption by Country (2025-2030) & (K Sq.in.)

Table 167. Europe LED Chip and Module Consumption Growth Rate by Country: 2019

VS 2023 VS 2030 (K Sq.in.)

Table 168. Europe LED Chip and Module Consumption by Country (2019-2024) & (K Sq.in.)

Table 169. Europe LED Chip and Module Consumption by Country (2025-2030) & (K Sq.in.)

Table 170. Asia Pacific LED Chip and Module Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Sq.in.)

Table 171. Asia Pacific LED Chip and Module Consumption by Country (2019-2024) & (K Sq.in.)

Table 172. Asia Pacific LED Chip and Module Consumption by Country (2025-2030) & (K Sq.in.)

Table 173. LAMEA LED Chip and Module Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Sq.in.)

Table 174. LAMEA LED Chip and Module Consumption by Country (2019-2024) & (K Sq.in.)

Table 175. LAMEA LED Chip and Module Consumption by Country (2025-2030) & (K Sq.in.)

Table 176. Key Raw Materials

Table 177. Raw Materials Key Suppliers

Table 178. LED Chip and Module Distributors List

Table 179. LED Chip and Module Customers List

Table 180. Research Programs/Design for This Report

Table 181. Authors List of This Report

Table 182. Secondary Sources

Table 183. Primary Sources

List Of Figures

LIST OF FIGURES

Figure 1. LED Chip and Module Product Picture

Figure 2. Global LED Chip and Module Production Value (US\$ Million), 2019 VS 2023 VS 2030

Figure 3. Global LED Chip and Module Production Value (2019-2030) & (US\$ Million)

Figure 4. Global LED Chip and Module Production Capacity (2019-2030) & (K Sq.in.)

Figure 5. Global LED Chip and Module Production (2019-2030) & (K Sq.in.)

Figure 6. Global LED Chip and Module Average Price (USD/Sq.in.) & (2019-2030)

Figure 7. Global Top 5 and 10 LED Chip and Module Players Market Share by Production Value in 2023

Figure 8. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023

Figure 9. Lateral Chip Picture

Figure 10. Vertical Chip Picture

Figure 11. Flip Chip Picture

Figure 12. Global LED Chip and Module Production by Type (2019 VS 2023 VS 2030) & (K Sq.in.)

Figure 13. Global LED Chip and Module Production Market Share 2019 VS 2023 VS 2030

Figure 14. Global LED Chip and Module Production Market Share by Type (2019-2030)

Figure 15. Global LED Chip and Module Production Value by Type (2019 VS 2023 VS 2030) & (K Sq.in.)

Figure 16. Global LED Chip and Module Production Value Share 2019 VS 2023 VS 2030

Figure 17. Global LED Chip and Module Production Value Share by Type (2019-2030)

Figure 18. General Lighting Picture

Figure 19. Automotive Lighting Picture

Figure 20. Backlighting Picture

Figure 21. Global LED Chip and Module Production by Application (2019 VS 2023 VS 2030) & (K Sq.in.)

Figure 22. Global LED Chip and Module Production Market Share 2019 VS 2023 VS 2030

Figure 23. Global LED Chip and Module Production Market Share by Application (2019-2030)

Figure 24. Global LED Chip and Module Production Value by Application (2019 VS 2023 VS 2030) & (K Sq.in.)

Figure 25. Global LED Chip and Module Production Value Share 2019 VS 2023 VS 2030

2030

Figure 26. Global LED Chip and Module Production Value Share by Application (2019-2030)

Figure 27. Global LED Chip and Module Production by Region: 2019 VS 2023 VS 2030 (K Sq.in.)

Figure 28. Global LED Chip and Module Production Market Share by Region: 2019 VS 2023 VS 2030

Figure 29. Global LED Chip and Module Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 30. Global LED Chip and Module Production Value Share by Region: 2019 VS 2023 VS 2030

Figure 31. North America LED Chip and Module Production Value (2019-2030) & (US\$ Million)

Figure 32. Europe LED Chip and Module Production Value (2019-2030) & (US\$ Million)

Figure 33. Asia-Pacific LED Chip and Module Production Value (2019-2030) & (US\$ Million)

Figure 34. Latin America LED Chip and Module Production Value (2019-2030) & (US\$ Million)

Figure 35. Middle East & Africa LED Chip and Module Production Value (2019-2030) & (US\$ Million)

Figure 36. North America LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 37. North America LED Chip and Module Consumption Market Share by Country (2019-2030)

Figure 38. U.S. LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 39. Canada LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 40. Europe LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 41. Europe LED Chip and Module Consumption Market Share by Country (2019-2030)

Figure 42. Germany LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 43. France LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 44. U.K. LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 45. Italy LED Chip and Module Consumption and Growth Rate (2019-2030) & (K

Sq.in.)

Figure 46. Netherlands LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 47. Asia Pacific LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 48. Asia Pacific LED Chip and Module Consumption Market Share by Country (2019-2030)

Figure 49. China LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 50. Japan LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 51. South Korea LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 52. Southeast Asia LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 53. India LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 54. Australia LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 55. LAMEA LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 56. LAMEA LED Chip and Module Consumption Market Share by Country (2019-2030)

Figure 57. Mexico LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 58. Brazil LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 59. Turkey LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 60. GCC Countries LED Chip and Module Consumption and Growth Rate (2019-2030) & (K Sq.in.)

Figure 61. LED Chip and Module Value Chain

Figure 62. Manufacturing Cost Structure

Figure 63. LED Chip and Module Production Mode & Process

Figure 64. Direct Comparison with Distribution Share

Figure 65. Distributors Profiles

Figure 66. Years Considered

Figure 67. Research Process

Figure 68. Key Executives Interviewed

I would like to order

Product name: Global LED Chip and Module Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

Product link: <https://marketpublishers.com/r/G0F2F249A741EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0F2F249A741EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

