

Global Vertical LED Chip Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Vertical LED Chip market size is expected to reach \$ 2581.1 million by 2029, rising at a market growth of 3.7% CAGR during the forecast period (2023-2029).

A vertical LED chip's only emitting surface is on the top of the chip, thus it has a narrower light emitting angle with more light on axis and higher on-axis intensity. The vertical die has lower thermal resistance and the vertical structure transfers heat more efficiently for better dissipation. Many standard flip-chip LEDs cannot support a high current density due to the limitations of horizontal current flow, but the vertical chip can tolerate a higher current intensity—a higher driving current. This means it can deliver higher flux per LED and higher lumen density, or “chip luminance” (the nits of the chip).

This report studies the global Vertical LED Chip production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Vertical LED Chip, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Vertical LED Chip that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Vertical LED Chip total production and demand, 2018-2029, (K Units)

Global Vertical LED Chip total production value, 2018-2029, (USD Million)

Global Vertical LED Chip production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Vertical LED Chip consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Vertical LED Chip domestic production, consumption, key domestic manufacturers and share

Global Vertical LED Chip production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Vertical LED Chip production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Vertical LED Chip production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Vertical LED Chip market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Epistar, San'an Opto, Cree, OSRAM, Samsung, Toyoda Gosei, Seoul Semiconductor, Philips Lumileds and ETI, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Vertical LED Chip market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Vertical LED Chip Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Vertical LED Chip Market, Segmentation by Type

SMD

COB

Global Vertical LED Chip Market, Segmentation by Application

General Lighting

Automotive Lighting

Backlighting

Others

Companies Profiled:

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

Key Questions Answered

1. How big is the global Vertical LED Chip market?
2. What is the demand of the global Vertical LED Chip market?
3. What is the year over year growth of the global Vertical LED Chip market?
4. What is the production and production value of the global Vertical LED Chip market?
5. Who are the key producers in the global Vertical LED Chip market?
6. What are the growth factors driving the market demand?

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