

# Global Infrared Light-emitting Diode Market Growth 2025-2031

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## Abstracts

The global Infrared Light-emitting Diode market size is predicted to grow from US\$ 532 million in 2025 to US\$ 975 million in 2031; it is expected to grow at a CAGR of 10.6% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

An IR LED (infrared light emitting diode) is a solid state lighting (SSL) device that emits light in the infrared range of the electromagnetic radiation spectrum. IR LEDs allow for cheap, efficient production of infrared light, which is electromagnetic radiation in the 700 nm to 1mm range. IR LEDs are useful in a number of types of electronics, including many types of remote controls for televisions and other electronics. Used with infrared cameras, IR LEDs can act like a spot light while remaining invisible to the naked eye.

IR LEDs can be used in conjunction with a number of different types of sensors, they are becoming common in machine-to-machine (M2M) environments and Internet of Things (IoT) applications.

LP Information, Inc. (LPI) ' newest research report, the "Infrared Light-emitting Diode Industry Forecast" looks at past sales and reviews total world Infrared Light-emitting Diode sales in 2024, providing a comprehensive analysis by region and market sector of projected Infrared Light-emitting Diode sales for 2025 through 2031. With Infrared Light-emitting Diode sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Infrared Light-emitting Diode industry.

This Insight Report provides a comprehensive analysis of the global Infrared Light-emitting Diode landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Infrared Light-emitting Diode portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Infrared Light-emitting Diode market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Infrared Light-emitting Diode and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Infrared Light-emitting Diode.

This report presents a comprehensive overview, market shares, and growth opportunities of Infrared Light-emitting Diode market by product type, application, key manufacturers and key regions and countries.

**Segmentation by Type:**

Gallium Arsenide LED

Aluminium Gallium Arsenide LED

**Segmentation by Application:**

Surveillance

Consumer Electronics

Automotive

Others

**This report also splits the market by region:**

## Americas

United States

Canada

Mexico

Brazil

## APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Epileds

Epistar

Everlight

Nichia

Osram Opto Semiconductors

Vishay Intertechnology

Cree

High Power Lighting

Lextar Electronics

Lite-On Technology

Lumileds

MI Electronics

Toyoda Gosei

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Infrared Light-emitting Diode market?

What factors are driving Infrared Light-emitting Diode market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Infrared Light-emitting Diode market opportunities vary by end market size?

How does Infrared Light-emitting Diode break out by Type, by Application?

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