

Global Low Light Illuminance Sensor Market Growth 2026-2032

<https://marketpublishers.com/r/G9ACD00A049CEN.html>

Date: June 2026

Pages: 163

Price: US\$ 3,660.00 (Single User License)

ID: G9ACD00A049CEN

Abstracts

The global Low Light Illuminance Sensor market size is predicted to grow from US\$ 353 million in 2025 to US\$ 530 million in 2032; it is expected to grow at a CAGR of 6.1% from 2026 to 2032.

Low Light Illuminance Sensor enables quick, accurate measurements over a USB interface or using a bluetooth connected readout unit. Measures Illuminance (Lux) between 0.5 and 200,000 Lux.

United States market for Low Light Illuminance Sensor is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Low Light Illuminance Sensor is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Low Light Illuminance Sensor is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Low Light Illuminance Sensor players cover Hamamatsu Photonics, Omron, Imatest, Rika Sensor, EKO Instruments, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the 'Low Light Illuminance Sensor Industry Forecast' looks at past sales and reviews total world Low Light Illuminance Sensor sales in 2025, providing a comprehensive analysis by region and market sector of projected Low Light Illuminance Sensor sales for 2026 through 2032. With Low Light Illuminance Sensor sales broken down by region, market sector and sub-sector, this

report provides a detailed analysis in US\$ millions of the world Low Light Illuminance Sensor industry.

This Insight Report provides a comprehensive analysis of the global Low Light Illuminance Sensor 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 Low Light Illuminance Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Low Light Illuminance Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Low Light Illuminance Sensor 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 Low Light Illuminance Sensor.

This report presents a comprehensive overview, market shares, and growth opportunities of Low Light Illuminance Sensor market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Photodiode-Based

Phototransistor-Based

Others

Segmentation by Application:

Smart Phone

Tablet

Laptop

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.

Hamamatsu Photonics

Omron

Imatest

Rika Sensor

EKO Instruments

Analog Devices

Broadcom

Vishay

Everlight Electronics

Rohm Semiconductor

STMicroelectronics

SILICON LABS

ams-OSRAM AG

TXC Corporation

Sensortek

Melexis

Sharp

Sensonia

HiveMotion

NESA Srl

Epticore Microelectronics

Amic Technology

Lite-On Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Low Light Illuminance Sensor market?

What factors are driving Low Light Illuminance Sensor market growth, globally and by region?

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

How do Low Light Illuminance Sensor market opportunities vary by end market size?

How does Low Light Illuminance Sensor break out by Type, by Application?

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