

Global Light Sensors Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Light Sensors market size was valued at US\$ 1007 million in 2024 and is forecast to a readjusted size of USD 1536 million by 2031 with a CAGR of 6.3% during review period.

The Light Sensor is a photoelectric device that converts light energy (photons) detected to electrical energy (electrons).

In terms of product, light sensors can be divided into three types: photoelectric IC, photodiode and phototransistor. Photoelectric IC is the main type in the market and holds a share about 71%. The light sensor applications include: smart phones, tablet computers and laptop computers, automotive electronics and other applications. Smart phones are the main application with a share of about 42%. The major manufacturers in the world include AMS AG, Onsemi, Silicon Labs, Microsemi (Microchip), Texas Instruments, etc., with a market share of more than 75%.

This report is a detailed and comprehensive analysis for global Light Sensors market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Light Sensors market size and forecasts, in consumption value (\$ Million), sales

quantity (M Units), and average selling prices (US\$/K Unit), 2020-2031

Global Light Sensors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (US\$/K Unit), 2020-2031

Global Light Sensors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (US\$/K Unit), 2020-2031

Global Light Sensors market shares of main players, shipments in revenue (\$ Million), sales quantity (M Units), and ASP (US\$/K Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Light Sensors

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Light Sensors market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ams AG, onsemi, Osram, Broadcom Inc, Texas Instruments, Renesas, Silicon Labs, LITEON, Microsemi (Microchip), EVERLIGHT, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Light Sensors market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Photoelectric IC

Photodiode

Phototransistor

Market segment by Application

Smart Phone

Tablet Computer

Laptop Computer

Automotive Electronics

Others

Major players covered

ams AG

onsemi

Osram

Broadcom Inc

Texas Instruments

Renesas

Silicon Labs

LITEON

Microsemi (Microchip)

EVERLIGHT

Vishay

Excelitas

New Japan Radio

Epticore

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Light Sensors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Light Sensors, with price, sales quantity, revenue, and global market share of Light Sensors from 2020 to 2025.

Chapter 3, the Light Sensors competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Light Sensors breakdown data are shown at the regional level, to show

the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Light Sensors market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Light Sensors.

Chapter 14 and 15, to describe Light Sensors sales channel, distributors, customers, research findings and conclusion.

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