

# Global LED Machine Vision Light Source Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global LED Machine Vision Light Source market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

LED-style machine vision light sources are a special type of light source designed for use in machine vision systems. It uses LED as light source, which has many advantages, such as high brightness, long life, low power consumption and fast switching, etc. The main function of LED-type machine vision light source is to provide appropriate lighting conditions so that the machine vision system can accurately capture and analyze the image of the target object. It produces stable and even lighting to minimize shadows and reflections in images and provide the desired contrast and clarity.

This report studies the global LED Machine Vision Light Source production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for LED Machine Vision Light Source, 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 LED Machine Vision Light Source that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global LED Machine Vision Light Source total production and demand, 2018-2029, (K Units)

Global LED Machine Vision Light Source total production value, 2018-2029,  
(USD Million)

Global LED Machine Vision Light Source production by region & country, production,  
value, CAGR, 2018-2029, (USD Million) & (K Units)

Global LED Machine Vision Light Source consumption by region & country, CAGR,  
2018-2029 & (K Units)

U.S. VS China: LED Machine Vision Light Source domestic production, consumption,  
key domestic manufacturers and share

Global LED Machine Vision Light Source production by manufacturer, production, price,  
value and market share 2018-2023, (USD Million) & (K Units)

Global LED Machine Vision Light Source production by Type, production, value, CAGR,  
2018-2029, (USD Million) & (K Units)

Global LED Machine Vision Light Source production by Application production, value,  
CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global LED Machine Vision Light Source 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 iiM AG measurement + engineering, wenglor sensoric GmbH, OPTO, HEMA Maschinen- und Apparateschutz GmbH, Navitar, Photonic Products, di-soric, Auer Signal GmbH and Edmund Industrial Optics, 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 LED Machine Vision Light Source 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 LED Machine Vision Light Source Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global LED Machine Vision Light Source Market, Segmentation by Type

Ring

Bar

Bowl

Other

#### Global LED Machine Vision Light Source Market, Segmentation by Application

Industrial

Medical

Food

Automobile

Electronic

Other

#### Companies Profiled:

iiM AG measurement + engineering

wenglor sensoric GmbH

OPTO

HEMA Maschinen- und Apparateschutz GmbH

Navitar

Photonic Products

di-soric

Auer Signal GmbH

Edmund Industrial Optics

VISION & CONTROL

F?GE Elektronik GmbH

KHATOD OPTOELECTRONIC S.r.l.

V5 Group

Moritex

PHLOX

BANNER ENGINEERING CORP

Energizer Holdings Inc.

Kondoh Seisakusho

POMEAS

CCS

TPL Vision

Smart Vision Lights

Shenzhen Shuangyi Photoelectric Technology Co., Ltd.

Lighting & Tech Specialist Optics

OPT Machine vision

## Key Questions Answered

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

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