

# Global Coded-Light Projection Systems Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Coded-Light Projection Systems market size was valued at US\$ 1841 million in 2025 and is forecast to a readjusted size of US\$ 4473 million by 2032 with a CAGR of 13.5% during review period.

In 2025, global Coded-Light Projection Systems production reached approximately 45 K units, with an average global market price of around US\$ 40000 per unit. Annual production capacity is 60 K units. Gross Profit Margin: 33%. Coded-Light Projection Systems are optical measurement and imaging systems that project encoded light patterns—such as stripes, grids, dots, Gray codes, or phase-shift patterns—onto an object or surface to capture three-dimensional shape, position, or motion information. The Coded-Light Projection Systems industry chain includes upstream optical components, image sensors, chips, and light sources; midstream system manufacturers and 3D vision software providers; and downstream applications in industrial inspection, robotics, consumer electronics, automotive, healthcare, and AR/VR markets.

This report is a detailed and comprehensive analysis for global Coded-Light Projection Systems 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 Coded-Light Projection Systems market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Coded-Light Projection Systems market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Coded-Light Projection Systems market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Coded-Light Projection Systems market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

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 Coded-Light Projection Systems

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 Coded-Light Projection Systems 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 Hexagon AB, Carl Zeiss / GOM GmbH, FARO Technologies, AMETEK Creaform, Nikon Metrology, Shining 3D, KEYENCE, LMI Technologies, SCANTECH (Hangzhou Scantech), Topcon Corporation, etc.

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

Market Segmentation

*Global Coded-Light Projection Systems Market 2026 by Manufacturers, Regions, Type and Application, Forecast to...*

Coded-Light Projection Systems market is split by Type and by Application. For the period 2021-2032, 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

Projectors

Cameras & Image Sensors

Optical Lenses

Processing Units & Controllers

3D Vision Software

#### Market segment by Light Source

LED-Based Systems

Laser-Based Systems

DLP Projection Systems

LCD Projection Systems

#### Market segment by Accuracy

Below 10 ?m

10–50 ?m

50–100 ?m

Above 100 ?m

### Market segment by Application

Automotive Manufacturers

Electronics & Semiconductor Companies

Aerospace & Defense

Healthcare Providers

### Major players covered

Hexagon AB

Carl Zeiss / GOM GmbH

FARO Technologies

AMETEK Creaform

Nikon Metrology

Shining 3D

KEYENCE

LMI Technologies

SCANTECH (Hangzhou Scantech)

Topcon Corporation

Kreon Technologies

SMARTTECH3D

Solutionix (Medit)

RangeVision

Revopoint

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 Coded-Light Projection Systems product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Coded-Light Projection Systems, with price, sales quantity, revenue, and global market share of Coded-Light Projection Systems from 2021 to 2026.

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

Chapter 4, the Coded-Light Projection Systems breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Coded-Light Projection Systems market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Coded-Light Projection Systems.

Chapter 14 and 15, to describe Coded-Light Projection Systems sales channel, distributors, customers, research findings and conclusion.

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