

# Global LED Traffic Signals Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G9D93BB1C40EEN.html>

Date: July 2024

Pages: 136

Price: US\$ 3,480.00 (Single User License)

ID: G9D93BB1C40EEN

## Abstracts

According to our (Global Info Research) latest study, the global LED Traffic Signals market size was valued at USD 577.7 million in 2023 and is forecast to a readjusted size of USD 766.1 million by 2030 with a CAGR of 4.1% during review period.

LED traffic signals use high-brightness LEDs connected together to build a cluster consisting of hundreds of LEDs.

The Global Mobile Economy Development Report 2023 released by GSMA Intelligence pointed out that by the end of 2022, the number of global mobile users would exceed 5.4 billion. The mobile ecosystem supports 16 million jobs directly and 12 million jobs indirectly.

According to our Communications Research Centre, in 2022, the global communication equipment was valued at US\$ 100 billion. The U.S. and China are powerhouses in the manufacture of communications equipment. According to data from the Ministry of Industry and Information Technology of China, the cumulative revenue of telecommunications services in 2022 was ?1.58 trillion, an increase of 8% over the previous year. The total amount of telecommunications business calculated at the price of the previous year reached ?1.75 trillion, a year-on-year increase of 21.3%. In the same year, the fixed Internet broadband access business revenue was ?240.2 billion, an increase of 7.1% over the previous year, and its proportion in the telecommunications business revenue decreased from 15.3% in the previous year to 15.2%, driving the telecommunications business revenue to increase by 1.1 percentage points.

The Global Info Research report includes an overview of the development of the LED Traffic Signals industry chain, the market status of Railway (Electric Power, Solar Energy), Airport (Electric Power, Solar Energy), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of LED Traffic Signals.

Regionally, the report analyzes the LED Traffic Signals markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global LED Traffic Signals market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the LED Traffic Signals market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the LED Traffic Signals industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Electric Power, Solar Energy).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the LED Traffic Signals market.

**Regional Analysis:** The report involves examining the LED Traffic Signals market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the LED Traffic Signals market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to LED Traffic Signals:

**Company Analysis:** Report covers individual LED Traffic Signals manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards LED Traffic Signals. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Railway, Airport).

**Technology Analysis:** Report covers specific technologies relevant to LED Traffic Signals. It assesses the current state, advancements, and potential future developments in LED Traffic Signals areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the LED Traffic Signals market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

LED Traffic Signals market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Electric Power

Solar Energy

### Market segment by Application

Railway

Airport

UrbanTraffic

Others

#### Major players covered

Swarco

Federal Signal

Econolite Group

Aldridge Traffic Systems

Alphatronics

Arcus Light

DG Controls

Envoys

General Electric

Horizon Signal Technologies

Leotek

Peek Traffic

Pfannenber

Sinowatcher Technology

## Trafitronics India

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 LED Traffic Signals product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of LED Traffic Signals, with price, sales, revenue and global market share of LED Traffic Signals from 2019 to 2024.

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

Chapter 4, the LED Traffic Signals breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and LED Traffic Signals market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 LED Traffic Signals.

Chapter 14 and 15, to describe LED Traffic Signals sales channel, distributors, customers, research findings and conclusion.

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