

LED Driver Market Report by Component (Driver IC, Discrete Components, and Others), Luminaire Type (Decorative Lamps, Reflectors, Type A Lamp, T Lamp, Integral LED Modules, and Others), Supply Type (Constant Current, Constant Voltage), End User (Residential, Commercial, Industrial), and Region 2024-2032

<https://marketpublishers.com/r/L5E286E655FAEN.html>

Date: April 2024

Pages: 135

Price: US\$ 3,899.00 (Single User License)

ID: L5E286E655FAEN

Abstracts

The global LED driver market size reached US\$ 12.0 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 50.9 Billion by 2032, exhibiting a growth rate (CAGR) of 16.9% during 2024-2032.

A light-emitting diode (LED) driver is a self-contained electrical device incorporated in an LED circuit to provide constant current or voltage. Its components generally include a resistor, electrolytic capacitor, bridge rectifier, Zener diode, and polarized capacitor. It is compact, lightweight, cost-effective, energy-efficient, and easy to install and requires low maintenance. As a result, it is widely used in residential and commercial buildings for lighting and decorative purposes. It is also utilized in cars, bikes, and various other automobiles as an indicator around the world.

LED Driver Market Trends:

The escalating demand for LED lighting solutions on account of a significant rise in power consumption, increasing global population, changing climatic conditions, and improving lifestyles of individuals represents one of the key factors impelling the market growth. In addition, inadequate power generation that has led to higher electricity prices is facilitating the adoption of energy-efficient LED lighting solutions worldwide. This, along with the rapid expansion of smart city projects and initiatives undertaken by

government of numerous countries to encourage the use of energy-efficient technologies and ban inefficient lighting solutions, is contributing to the market growth. Apart from this, the growing emphasis on replacing conventional bulbs with LEDs in modern vehicles for high luminous efficiency and increasing safety is catalyzing the demand for LED drivers across the globe. This can also be attributed to boosting sales of passenger vehicles worldwide on account of rapid urbanization and improving urban road infrastructure. Furthermore, the rising number of outdoor events, coupled with the emergence of digital-out-of-home (DOOH) advertising, is augmenting the use of LED modular displays. This, in confluence with the growing awareness about the importance of energy conservation, is creating a positive influence on the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global LED driver market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on component, luminaire type, supply type, and end user.

Breakup by Component:

- Driver IC
- Discrete Components
- Others

Breakup by Luminaire Type:

- Decorative Lamps
- Reflectors
- Type A Lamp
- T Lamp
- Integral LED Modules
- Others

Breakup by Supply Type:

- Constant Current
- Constant Voltage

Breakup by End User:

Residential
Commercial
Industrial

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being AC Electronics, ams AG, Hatch Lighting, Lutron Electronics Co. Inc., Macroblock Inc., Maxim Integrated Products Inc. (Analog Devices Inc.), Microchip Technology Inc., NXP Semiconductors N.V., Rohm Co. Ltd., Semiconductor Components Industries LLC, Signify N.V., SMART Global Holdings Inc., and Texas Instruments Incorporated.

Key Questions Answered in This Report

1. What was the size of the global LED driver market in 2023?
2. What is the expected growth rate of the global LED driver market during 2024-2032?
3. What are the key factors driving the global LED driver market?
4. What has been the impact of COVID-19 on the global LED driver market?
5. What is the breakup of the global LED driver market based on the component?
6. What is the breakup of the global LED driver market based on the luminaire type?
7. What is the breakup of the global LED driver market based on the supply type?
8. What is the breakup of the global LED driver market based on the end user?
9. What are the key regions in the global LED driver market?
10. Who are the key players/companies in the global LED driver market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL LED DRIVER MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY COMPONENT

- 6.1 Driver IC
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Discrete Components
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Others

- 6.3.1 Market Trends
- 6.3.2 Market Forecast

7 MARKET BREAKUP BY LUMINAIRE TYPE

- 7.1 Decorative Lamps
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Reflectors
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Type A Lamp
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 T Lamp
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Integral LED Modules
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast
- 7.6 Others
 - 7.6.1 Market Trends
 - 7.6.2 Market Forecast

8 MARKET BREAKUP BY SUPPLY TYPE

- 8.1 Constant Current
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Constant Voltage
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast

9 MARKET BREAKUP BY END USER

- 9.1 Residential
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 Commercial

- 9.2.1 Market Trends
- 9.2.2 Market Forecast
- 9.3 Industrial
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast

10 MARKET BREAKUP BY REGION

- 10.1 North America
 - 10.1.1 United States
 - 10.1.1.1 Market Trends
 - 10.1.1.2 Market Forecast
 - 10.1.2 Canada
 - 10.1.2.1 Market Trends
 - 10.1.2.2 Market Forecast
- 10.2 Asia-Pacific
 - 10.2.1 China
 - 10.2.1.1 Market Trends
 - 10.2.1.2 Market Forecast
 - 10.2.2 Japan
 - 10.2.2.1 Market Trends
 - 10.2.2.2 Market Forecast
 - 10.2.3 India
 - 10.2.3.1 Market Trends
 - 10.2.3.2 Market Forecast
 - 10.2.4 South Korea
 - 10.2.4.1 Market Trends
 - 10.2.4.2 Market Forecast
 - 10.2.5 Australia
 - 10.2.5.1 Market Trends
 - 10.2.5.2 Market Forecast
 - 10.2.6 Indonesia
 - 10.2.6.1 Market Trends
 - 10.2.6.2 Market Forecast
 - 10.2.7 Others
 - 10.2.7.1 Market Trends
 - 10.2.7.2 Market Forecast
- 10.3 Europe
 - 10.3.1 Germany

- 10.3.1.1 Market Trends
- 10.3.1.2 Market Forecast
- 10.3.2 France
 - 10.3.2.1 Market Trends
 - 10.3.2.2 Market Forecast
- 10.3.3 United Kingdom
 - 10.3.3.1 Market Trends
 - 10.3.3.2 Market Forecast
- 10.3.4 Italy
 - 10.3.4.1 Market Trends
 - 10.3.4.2 Market Forecast
- 10.3.5 Spain
 - 10.3.5.1 Market Trends
 - 10.3.5.2 Market Forecast
- 10.3.6 Russia
 - 10.3.6.1 Market Trends
 - 10.3.6.2 Market Forecast
- 10.3.7 Others
 - 10.3.7.1 Market Trends
 - 10.3.7.2 Market Forecast
- 10.4 Latin America
 - 10.4.1 Brazil
 - 10.4.1.1 Market Trends
 - 10.4.1.2 Market Forecast
 - 10.4.2 Mexico
 - 10.4.2.1 Market Trends
 - 10.4.2.2 Market Forecast
 - 10.4.3 Others
 - 10.4.3.1 Market Trends
 - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
 - 10.5.1 Market Trends
 - 10.5.2 Market Breakup by Country
 - 10.5.3 Market Forecast

11 SWOT ANALYSIS

- 11.1 Overview
- 11.2 Strengths

11.3 Weaknesses

11.4 Opportunities

11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

13.1 Overview

13.2 Bargaining Power of Buyers

13.3 Bargaining Power of Suppliers

13.4 Degree of Competition

13.5 Threat of New Entrants

13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

15.1 Market Structure

15.2 Key Players

15.3 Profiles of Key Players

15.3.1 AC Electronics

15.3.1.1 Company Overview

15.3.1.2 Product Portfolio

15.3.2 ams AG

15.3.2.1 Company Overview

15.3.2.2 Product Portfolio

15.3.2.3 Financials

15.3.3 Hatch Lighting

15.3.3.1 Company Overview

15.3.3.2 Product Portfolio

15.3.4 Lutron Electronics Co. Inc.

15.3.4.1 Company Overview

15.3.4.2 Product Portfolio

15.3.4.3 SWOT Analysis

15.3.5 Macroblock Inc.

15.3.5.1 Company Overview

15.3.5.2 Product Portfolio

- 15.3.5.3 Financials
- 15.3.6 Maxim Integrated Products Inc. (Analog Devices Inc.)
 - 15.3.6.1 Company Overview
 - 15.3.6.2 Product Portfolio
 - 15.3.6.3 SWOT Analysis
- 15.3.7 Microchip Technology Inc.
 - 15.3.7.1 Company Overview
 - 15.3.7.2 Product Portfolio
 - 15.3.7.3 Financials
 - 15.3.7.4 SWOT Analysis
- 15.3.8 NXP Semiconductors N.V.
 - 15.3.8.1 Company Overview
 - 15.3.8.2 Product Portfolio
 - 15.3.8.3 Financials
 - 15.3.8.4 SWOT Analysis
- 15.3.9 Rohm Co. Ltd.
 - 15.3.9.1 Company Overview
 - 15.3.9.2 Product Portfolio
 - 15.3.9.3 Financials
 - 15.3.9.4 SWOT Analysis
- 15.3.10 Semiconductor Components Industries LLC
 - 15.3.10.1 Company Overview
 - 15.3.10.2 Product Portfolio
 - 15.3.10.3 Financials
 - 15.3.10.4 SWOT Analysis
- 15.3.11 Signify N.V.
 - 15.3.11.1 Company Overview
 - 15.3.11.2 Product Portfolio
 - 15.3.11.3 Financials
- 15.3.12 SMART Global Holdings Inc.
 - 15.3.12.1 Company Overview
 - 15.3.12.2 Product Portfolio
 - 15.3.12.3 Financials
 - 15.3.12.4 SWOT Analysis
- 15.3.13 Texas Instruments Incorporated
 - 15.3.13.1 Company Overview
 - 15.3.13.2 Product Portfolio
 - 15.3.13.3 Financials
 - 15.3.13.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: LED Driver Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: LED Driver Market Forecast: Breakup by Component (in Million US\$), 2024-2032

Table 3: Global: LED Driver Market Forecast: Breakup by Luminaire Type (in Million US\$), 2024-2032

Table 4: Global: LED Driver Market Forecast: Breakup by Supply Type (in Million US\$), 2024-2032

Table 5: Global: LED Driver Market Forecast: Breakup by End User (in Million US\$), 2024-2032

Table 6: Global: LED Driver Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 7: Global: LED Driver Market: Competitive Structure

Table 8: Global: LED Driver Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: LED Driver Market: Major Drivers and Challenges

Figure 2: Global: LED Driver Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: LED Driver Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: LED Driver Market: Breakup by Component (in %), 2023

Figure 5: Global: LED Driver Market: Breakup by Luminaire Type (in %), 2023

Figure 6: Global: LED Driver Market: Breakup by Supply Type (in %), 2023

Figure 7: Global: LED Driver Market: Breakup by End User (in %), 2023

Figure 8: Global: LED Driver Market: Breakup by Region (in %), 2023

Figure 9: Global: LED Driver (Driver IC) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 10: Global: LED Driver (Driver IC) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 11: Global: LED Driver (Discrete Components) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: LED Driver (Discrete Components) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 13: Global: LED Driver (Other Components) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: LED Driver (Other Components) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: LED Driver (Decorative Lamps) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: LED Driver (Decorative Lamps) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: LED Driver (Reflectors) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: LED Driver (Reflectors) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: LED Driver (Type A Lamp) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 20: Global: LED Driver (Type A Lamp) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 21: Global: LED Driver (T Lamp) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: LED Driver (T Lamp) Market Forecast: Sales Value (in Million US\$),

2024-2032

Figure 23: Global: LED Driver (Integral LED Modules) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: LED Driver (Integral LED Modules) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: LED Driver (Other Luminaire Types) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: LED Driver (Other Luminaire Types) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: LED Driver (Constant Current) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: LED Driver (Constant Current) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Global: LED Driver (Constant Voltage) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Global: LED Driver (Constant Voltage) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: Global: LED Driver (Residential) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: Global: LED Driver (Residential) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Global: LED Driver (Commercial) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: Global: LED Driver (Commercial) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Global: LED Driver (Industrial) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Global: LED Driver (Industrial) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: North America: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: North America: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: United States: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: United States: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: Canada: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: Canada: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: Asia-Pacific: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: Asia-Pacific: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: China: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: China: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Japan: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Japan: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: India: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: India: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: South Korea: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: South Korea: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: Australia: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Australia: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: Indonesia: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: Indonesia: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: Others: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: Others: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: Europe: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 60: Europe: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: Germany: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: Germany: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 63: France: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 64: France: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 65: United Kingdom: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: United Kingdom: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 67: Italy: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 68: Italy: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: Spain: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 70: Spain: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 71: Russia: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 72: Russia: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 73: Others: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 74: Others: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 75: Latin America: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 76: Latin America: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 77: Brazil: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 78: Brazil: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 79: Mexico: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 80: Mexico: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 81: Others: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 82: Others: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 83: Middle East and Africa: LED Driver Market: Sales Value (in Million US\$), 2018 & 2023

Figure 84: Middle East and Africa: LED Driver Market: Breakup by Country (in %), 2023

Figure 85: Middle East and Africa: LED Driver Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 86: Global: LED Driver Industry: SWOT Analysis

Figure 87: Global: LED Driver Industry: Value Chain Analysis

Figure 88: Global: LED Driver Industry: Porter's Five Forces Analysis

I would like to order

Product name: LED Driver Market Report by Component (Driver IC, Discrete Components, and Others), Luminaire Type (Decorative Lamps, Reflectors, Type A Lamp, T Lamp, Integral LED Modules, and Others), Supply Type (Constant Current, Constant Voltage), End User (Residential, Commercial, Industrial), and Region 2024-2032

Product link: <https://marketpublishers.com/r/L5E286E655FAEN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L5E286E655FAEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970