

Energy Efficient Fixtures Market Forecasts to 2032 – Global Analysis By Product Type (Luminaires, Lamps, Ballasts, Control Systems and Other Product Types), Light Source (LED (Light Emitting Diode), Compact Fluorescent Lamps (CFLs), Fluorescent Lamps (Linear Fluorescent), Halogen Lamps (Energy-Efficient), Induction Lamps and Other Light Sources), Application, End User and By Geography

<https://marketpublishers.com/r/EFA9B4BAEF39EN.html>

Date: June 2025

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: EFA9B4BAEF39EN

Abstracts

According to Statistics MRC, the Global Energy Efficient Fixtures Market is accounted for \$112.1 billion in 2025 and is expected to reach \$194.6 billion by 2032 growing at a CAGR of 8.2% during the forecast period. Energy-efficient fixtures are designed to minimize power consumption while maintaining optimal functionality in lighting, plumbing, and electrical systems. These fixtures incorporate advanced technologies such as LED lighting, low-flow water systems, and smart sensors to reduce waste and improve efficiency. Widely used in residential, commercial, and industrial settings, they contribute to lower utility costs and environmental sustainability. Innovations in design and automation further enhance their effectiveness, supporting energy conservation initiatives and regulatory compliance in modern infrastructure and construction projects.

According to data from the United Nations Environment Program global investment in energy efficiency in industries increased by 12% annually between 2018 and 2020

Market Dynamics:

Driver:

Growing demand for smart lighting

Smart lighting systems integrate advanced technologies, such as motion sensors, automated dimming, and wireless connectivity, optimizing energy consumption while improving user experience. Rising concerns about sustainability and electricity costs are further fueling adoption, prompting governments and organizations to invest in eco-friendly lighting infrastructure. Additionally, innovations in IoT-driven lighting solutions are expanding market potential, enabling real-time energy monitoring and smart automation.

Restraint:

Lack of consumer awareness in developing regions

Limited consumer awareness in developing regions presents a challenge to the widespread adoption of energy-efficient fixtures. Many consumers are unfamiliar with the long-term cost savings and environmental benefits associated with these products, leading to slower market penetration. Additionally, inadequate access to reliable information and high initial installation costs deter potential buyers.

Opportunity:

Government investments in smart infrastructure globally

As sustainability takes center stage in urban planning, authorities are implementing energy-conscious policies that promote smart lighting and eco-friendly fixtures in public spaces, residential developments, and commercial complexes. Additionally, subsidies and incentive programs for energy-efficient technologies are encouraging businesses and households to transition toward advanced lighting solutions.

Threat:

Fluctuations in raw material supply

Variability in material sourcing, especially for LED components and sustainable building materials, can disrupt supply chains, leading to increased manufacturing expenses. Additionally, geopolitical and economic uncertainties contribute to volatility, impacting procurement and distribution impeding the market growth.

Covid-19 Impact:

The pandemic had a mixed impact on the energy-efficient fixture market, influencing consumer preferences and supply chain stability. Initial disruptions in manufacturing and logistics slowed distribution, but the shift toward remote work and home improvements increased demand for sustainable lighting solutions. As businesses and households prioritize energy conservation, adoption rates for smart lighting systems have surged post-pandemic.

The luminaires segment is expected to be the largest during the forecast period

The luminaires segment is expected to account for the largest market share during the forecast period driven by its widespread use in residential, commercial, and industrial applications. Luminaires offer advanced energy-saving features, improving lighting efficiency while enhancing aesthetics. Additionally, continuous advancements in LED technology are optimizing performance, reducing energy consumption, and extending fixture lifespan.

The halogen lamps (energy-efficient) segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the halogen lamps (energy-efficient) segment is predicted to witness the highest growth rate attributed to ongoing improvements in halogen bulb designs that enhance efficiency while maintaining affordability. Halogen lamps provide a cost-effective transition for consumers shifting from traditional incandescent bulbs to energy-efficient alternatives. Additionally, increased research into sustainable halogen technologies is promoting their adoption across diverse lighting applications.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share owing to rapid urbanization, infrastructure development, and rising awareness of energy conservation. Countries such as China, India, and Japan are investing in large-scale smart city projects, integrating energy-efficient lighting solutions into residential and commercial spaces which boost the market growth.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR fueled by strong regulatory support for sustainable energy initiatives and advancements in smart lighting technology. The region's emphasis on reducing carbon footprints and optimizing energy efficiency is driving widespread adoption of energy-efficient fixtures across homes, offices, and public infrastructure.

Key players in the market

Some of the key players in Energy Efficient Fixtures Market include Philips Lighting, General Electric (GE), Acuity Brands Lighting, Osram GmbH, Eaton Corporation, Cree Inc., Hubbell Incorporated, Zumtobel Group, Lutron Electronics, Wipro Lighting, Havells India Ltd., Bajaj Electricals, Crompton Greaves Consumer Electricals Ltd., Panasonic Corporation, Legrand, Thorn Lighting, Signify N.V.

Key Developments:

In May 2025, Acuity Brands Lighting completed the acquisition of QSC, LLC, a company specializing in advanced lighting control systems, to enhance its portfolio in intelligent lighting solutions.

In May 2025, Osram GmbH announced the launch of a new product line, expanding its offerings in the lighting sector to cater to evolving market demands.

In April 2025, Zumtobel Group and Thorn Lighting continued their partnership with the Serpentine Pavilion, serving as 2025 Silver Sponsors to support innovative architectural projects.

Product Types Covered:

Luminaires

Lamps

Ballasts

Control Systems

Other Product Types

Light Sources Covered:

- LED (Light Emitting Diode)
- Compact Fluorescent Lamps (CFLs)
- Fluorescent Lamps (Linear Fluorescent)
- Halogen Lamps (Energy-Efficient)
- Induction Lamps
- Other Light Sources

Applications Covered:

- Indoor Lighting
- Street & Roadway Lighting
- Stadiums & Sports Complexes
- Landscape Lighting
- Other Applications

End Users Covered:

- Commercial
- Industrial
- Residential
- Government & Municipal
- Healthcare & Education

Hospitality

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends

- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL ENERGY EFFICIENT FIXTURES MARKET, BY PRODUCT TYPE

- 5.1 Introduction
- 5.2 Luminaires
- 5.3 Lamps
- 5.4 Ballasts
- 5.5 Control Systems
- 5.6 Other Product Types

6 GLOBAL ENERGY EFFICIENT FIXTURES MARKET, BY LIGHT SOURCE

- 6.1 Introduction
- 6.2 LED (Light Emitting Diode)
- 6.3 Compact Fluorescent Lamps (CFLs)
- 6.4 Fluorescent Lamps (Linear Fluorescent)
- 6.5 Halogen Lamps (Energy-Efficient)
- 6.6 Induction Lamps
- 6.7 Other Light Sources

7 GLOBAL ENERGY EFFICIENT FIXTURES MARKET, BY APPLICATION

- 7.1 Introduction
- 7.2 Indoor Lighting
- 7.3 Street & Roadway Lighting
- 7.4 Stadiums & Sports Complexes
- 7.5 Landscape Lighting
- 7.6 Other Applications

8 GLOBAL ENERGY EFFICIENT FIXTURES MARKET, BY END USER

- 8.1 Introduction
- 8.2 Commercial
- 8.3 Industrial
- 8.4 Residential
- 8.5 Government & Municipal
- 8.6 Healthcare & Education
- 8.7 Hospitality
- 8.8 Other End Users

9 GLOBAL ENERGY EFFICIENT FIXTURES MARKET, BY GEOGRAPHY

9.1 Introduction

9.2 North America

9.2.1 US

9.2.2 Canada

9.2.3 Mexico

9.3 Europe

9.3.1 Germany

9.3.2 UK

9.3.3 Italy

9.3.4 France

9.3.5 Spain

9.3.6 Rest of Europe

9.4 Asia Pacific

9.4.1 Japan

9.4.2 China

9.4.3 India

9.4.4 Australia

9.4.5 New Zealand

9.4.6 South Korea

9.4.7 Rest of Asia Pacific

9.5 South America

9.5.1 Argentina

9.5.2 Brazil

9.5.3 Chile

9.5.4 Rest of South America

9.6 Middle East & Africa

9.6.1 Saudi Arabia

9.6.2 UAE

9.6.3 Qatar

9.6.4 South Africa

9.6.5 Rest of Middle East & Africa

10 KEY DEVELOPMENTS

10.1 Agreements, Partnerships, Collaborations and Joint Ventures

10.2 Acquisitions & Mergers

- 10.3 New Product Launch
- 10.4 Expansions
- 10.5 Other Key Strategies

11 COMPANY PROFILING

- 11.1 Philips Lighting
- 11.2 General Electric (GE)
- 11.3 Acuity Brands Lighting
- 11.4 Osram GmbH
- 11.5 Eaton Corporation
- 11.6 Cree Inc.
- 11.7 Hubbell Incorporated
- 11.8 Zumtobel Group
- 11.9 Lutron Electronics
- 11.10 Wipro Lighting
- 11.11 Havells India Ltd.
- 11.12 Bajaj Electricals
- 11.13 Crompton Greaves Consumer Electricals Ltd.
- 11.14 Panasonic Corporation
- 11.15 Legrand
- 11.16 Thorn Lighting
- 11.17 Signify N.V.

List Of Tables

LIST OF TABLES

- Table 1 Global Energy Efficient Fixtures Market Outlook, By Region (2024-2032) (\$MN)
- Table 2 Global Energy Efficient Fixtures Market Outlook, By Product Type (2024-2032) (\$MN)
- Table 3 Global Energy Efficient Fixtures Market Outlook, By Luminaires (2024-2032) (\$MN)
- Table 4 Global Energy Efficient Fixtures Market Outlook, By Lamps (2024-2032) (\$MN)
- Table 5 Global Energy Efficient Fixtures Market Outlook, By Ballasts (2024-2032) (\$MN)
- Table 6 Global Energy Efficient Fixtures Market Outlook, By Control Systems (2024-2032) (\$MN)
- Table 7 Global Energy Efficient Fixtures Market Outlook, By Other Product Types (2024-2032) (\$MN)
- Table 8 Global Energy Efficient Fixtures Market Outlook, By Light Source (2024-2032) (\$MN)
- Table 9 Global Energy Efficient Fixtures Market Outlook, By LED (Light Emitting Diode) (2024-2032) (\$MN)
- Table 10 Global Energy Efficient Fixtures Market Outlook, By Compact Fluorescent Lamps (CFLs) (2024-2032) (\$MN)
- Table 11 Global Energy Efficient Fixtures Market Outlook, By Fluorescent Lamps (Linear Fluorescent) (2024-2032) (\$MN)
- Table 12 Global Energy Efficient Fixtures Market Outlook, By Halogen Lamps (Energy-Efficient) (2024-2032) (\$MN)
- Table 13 Global Energy Efficient Fixtures Market Outlook, By Induction Lamps (2024-2032) (\$MN)
- Table 14 Global Energy Efficient Fixtures Market Outlook, By Other Light Sources (2024-2032) (\$MN)
- Table 15 Global Energy Efficient Fixtures Market Outlook, By Application (2024-2032) (\$MN)
- Table 16 Global Energy Efficient Fixtures Market Outlook, By Indoor Lighting (2024-2032) (\$MN)
- Table 17 Global Energy Efficient Fixtures Market Outlook, By Street & Roadway Lighting (2024-2032) (\$MN)
- Table 18 Global Energy Efficient Fixtures Market Outlook, By Stadiums & Sports Complexes (2024-2032) (\$MN)
- Table 19 Global Energy Efficient Fixtures Market Outlook, By Landscape Lighting (2024-2032) (\$MN)

Table 20 Global Energy Efficient Fixtures Market Outlook, By Other Applications (2024-2032) (\$MN)

Table 21 Global Energy Efficient Fixtures Market Outlook, By End User (2024-2032) (\$MN)

Table 22 Global Energy Efficient Fixtures Market Outlook, By Commercial (2024-2032) (\$MN)

Table 23 Global Energy Efficient Fixtures Market Outlook, By Industrial (2024-2032) (\$MN)

Table 24 Global Energy Efficient Fixtures Market Outlook, By Residential (2024-2032) (\$MN)

Table 25 Global Energy Efficient Fixtures Market Outlook, By Government & Municipal (2024-2032) (\$MN)

Table 26 Global Energy Efficient Fixtures Market Outlook, By Healthcare & Education (2024-2032) (\$MN)

Table 27 Global Energy Efficient Fixtures Market Outlook, By Hospitality (2024-2032) (\$MN)

Table 28 Global Energy Efficient Fixtures Market Outlook, By Other End Users (2024-2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

I would like to order

Product name: Energy Efficient Fixtures Market Forecasts to 2032 – Global Analysis By Product Type (Luminaires, Lamps, Ballasts, Control Systems and Other Product Types), Light Source (LED (Light Emitting Diode), Compact Fluorescent Lamps (CFLs), Fluorescent Lamps (Linear Fluorescent), Halogen Lamps (Energy-Efficient), Induction Lamps and Other Light Sources), Application, End User and By Geography

Product link: <https://marketpublishers.com/r/EFA9B4BAEF39EN.html>

Price: US\$ 4,150.00 (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/EFA9B4BAEF39EN.html>