

# **Global Power Over Ethernet (PoE) Lighting Market Size Study, by Offering (Hardware, Software, Services), by Wattage (Above 25 Watt, Upto 25 Watt), by Application (Industrial, Commercial, Residential) and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Power Over Ethernet (PoE) Lighting Market is valued at approximately USD 800 million in 2023 and is anticipated to grow with a healthy growth rate of more than 30.2% over the forecast period 2024-2032. Power over Ethernet (PoE) lighting delivers power and network connectivity to devices through a single network cable, simplifying and reducing the cost of network installation and growth. This innovative technology is gaining traction across various sectors, including residential, commercial, and industrial, due to its numerous benefits such as lower installation and maintenance costs, reduced design and construction expenses, and decreased labor effort due to fewer Ethernet cables required. PoE lighting solutions are particularly advantageous in smart homes, enabling homeowners to remotely control and manage their home environments, thereby enhancing convenience and energy efficiency.

The market is experiencing significant growth driven by several factors. The rising demand for energy-efficient lighting solutions in residential, commercial, and industrial sectors is propelling the deployment of PoE lighting. The advancements in PoE technology have further enhanced its capabilities, making it a preferred choice for smart building applications. However, the high upfront costs associated with PoE equipment and accessories pose a challenge to market growth. The initial investment in Power Sourcing Equipment (PSE) and additional apparatus such as switches, injectors, splitters, and Ethernet cables increases the overall cost, which can be a barrier to adoption.

Key regions considered in the Power Over Ethernet (PoE) Lighting Market study include North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. The Asia Pacific region acquired a Largest revenue share in 2023, driven by substantial investments in IoT and connectivity for manufacturers in both rural and urban areas. China, in particular, is anticipated to become a significant market for PoE lighting solutions. The North American region, comprising the US, Canada, and Mexico, is also expected to witness fastest growth due to the rising adoption of PoE technology in commercial and industrial applications.

Major market players included in this report are:

ALLNET GmbH

Axis Lighting, Inc.

Cisco Systems, Inc.

Herbert Waldmann GmbH & Co. KG

Hubbell Incorporated

Koch Industries

Signify N.V.

Wipro Lighting (Wipro Enterprises Private Limited)

H. E. Williams

Ideal Industries, Inc.

H.E. Williams

Hubbell Incorporated

Signify N.V.

Cisco Systems, Inc.

Axis Lighting, Inc.

The detailed segments and sub-segment of the market are explained below:

By Offering

Hardware

Software

Services

By Wattage

Above 25 Watt

Upto 25 Watt

By Application

Industrial

Commercial

Residential

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Singapore

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East and Africa

Saudi Arabia

South Africa

Rest of Middle East and Africa

Years considered for the study are as follows:

Historical year –2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2030.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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