

**Power Over Ethernet (Poe) Lighting Market By Offering (Hardware, Software, Services), By Wattage (Upto 25 Watt, Above 25 Watt), By Application (Commercial, Residential, Industrial): Global Opportunity Analysis and Industry Forecast, 2023-2032**

Market Report | 2023-07-01 | 250 pages | Allied Market Research

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**Report description:**

Power over Ethernet (PoE) lighting is a technology that combines power and data transmission over Ethernet cables, providing efficient and flexible lighting solutions. PoE lighting offers numerous applications across various sectors. In commercial buildings, it enables centralized control, automation, and energy management, enhancing occupant comfort and optimizing energy usage. In industrial environments, PoE lighting provides reliable and durable lighting solutions integrated with automation systems for improved safety and productivity. In outdoor spaces, such as parks and streets, PoE lighting offers efficient and controllable illumination, enhancing visibility and security. In addition, PoE lighting finds applications in residential settings, offering customizable lighting experiences and integration with smart home automation systems.□

The offerings of PoE lighting include Power Sourcing Equipment (PSE) and Powered Devices (PD). The power source equipment sends the power onto the Ethernet cable, while the power devices, such as LED lights, receives power and operates without a dedicated electrical connection. PoE lighting systems can also include network switches, cables, and control software for advanced functionality and integration with other building systems.□

LED lights are a popular choice for PoE lighting systems due to their energy efficiency, long lifespan, and controllable lighting output. LED lights consume less energy than traditional lighting sources and offer flexibility in color temperature and dimming capabilities. They are compatible with PoE technology and can be easily integrated into PoE lighting systems for efficient and customizable lighting solutions.□

The end users of PoE lighting span across different sectors. In the commercial sector, end users include offices, retail stores, hotels, and restaurants. Industrial facilities, such as manufacturing plants and warehouses, are also key end users. Public spaces like airports, railway stations, and government buildings utilize PoE lighting for enhanced safety and efficiency. Residential users

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benefit from the convenience and energy efficiency of PoE lighting in their homes.□

The power over ethernet lighting market is anticipated to expand significantly during the forecast period owing to increase in global connectivity demand, and government initiatives and investments. In addition, during the forecast period, the power over ethernet lighting market is expected to witness an , increase in demand for intelligent workplaces. On the contrary, high initial costs of PoE equipment, accessories and services□ are the factors expected to restrain the growth of the power over ethernet lighting market during the forecast period.□

The power over ethernet lighting market outlook is segmented on the basis of offering, wattage, application, and region. On the basis of offering, the power over ethernet lighting market analysis is divided into hardware, software, and services. In 2022, the hardware segment dominated the market, in terms of revenue, and it is expected to acquire major market share till 2032. On the basis of wattage, the power over ethernet lighting market share is segregated into upto 25 Watt, and above 25 Watt. The above 25 Watt segment acquired the largest share in 2022 and is is expected to grow at a significant CAGR from 2023 to 2032. On the basis of application, the power over ethernet lighting market size is segregated into commercial, residential, and industrial. The industrial segment acquired the largest share in 2022 and commercial segment is expected to grow at a significant CAGR from 2023 to 2032.□□

Region-wise, the power over ethernet lighting market trends are analyzed across North America (the U.S., Canada, and Mexico), Europe (UK, Germany, France, and rest of Europe), Asia-Pacific (China, Japan, India, South Korea, and rest of Asia-Pacific), and LAMEA (Latin America, Middle East, and Africa).□

Competitive analysis and profiles of the major global power over ethernet lighting market players that have been provided in the report include ALLNet GmbH, Axis Lighting, CISCO SYSTEMS, H.E. Williams, Herbert Waldmann GmbH & Co. Kg (Waldmann Lighting), Hubbell Inc., Molex (Koch Industries), Signify Holding (Philips Lighting), Ubiquiti Networks Inc., and Wipro Lighting. The key strategies adopted by the major players of the power over ethernet lighting market are product launch, and collaboration.

#### Key Benefits For Stakeholders

-This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the power over ethernet (poe) lighting market analysis from 2022 to 2032 to identify the prevailing power over ethernet (poe) lighting market opportunities.

-The market research is offered along with information related to key drivers, restraints, and opportunities.

-Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

-In-depth analysis of the power over ethernet (poe) lighting market segmentation assists to determine the prevailing market opportunities.

-Major countries in each region are mapped according to their revenue contribution to the global market.

-Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

-The report includes the analysis of the regional as well as global power over ethernet (poe) lighting market trends, key players, market segments, application areas, and market growth strategies.

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- Product Benchmarking / Product specification and applications
- Market share analysis of players by products/segments
- New Product Development/ Product Matrix of Key Players
- Additional company profiles with specific to client's interest
- Key player details (including location, contact details, supplier/vendor network etc. in excel format)

#### Key Market Segments

##### By Offering

- Hardware
- Software
- Services

##### By Wattage

- Upto 25 Watt
- Above 25 Watt

##### By Application

- Commercial
- Residential
- Industrial

##### By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- UK
- Germany
- France
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- ALLNet GmbH
- Axis Lighting
- Cisco Systems, Inc.
- Herbert Waldmann GmbH & Co. KG
- H.E. Williams Inc.
- Hubbell.Inc

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- Molex LLC.
- Philips Lighting (Signify Holding)
- Ubiquiti Networks Inc.
- Wipro Lighting

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