

Power Over Ethernet (POE) Lighting Market size is Expected to Garner \$11.3 Billion by 2032 | Registering a CAGR of 31.6%

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Allied Market Research published a report on the [Power Over Ethernet \(POE\) Lighting Market](#) by Offering, Wattage, and Application: Global Opportunity Analysis and Industry Forecast, 2023-2032.

The global power over ethernet (POE) lighting market was valued at \$0.7 billion in 2022, and is projected to reach \$11.3 billion by 2032, growing at a CAGR of 31.6% from 2023 to 2032.

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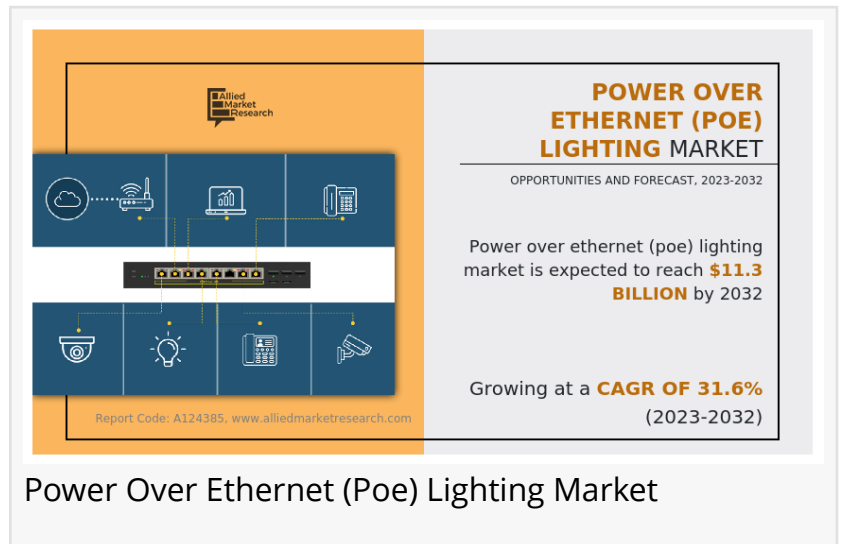
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The global power over ethernet (poe) lighting market growth is driven by increase in global connectivity demand, government initiatives and investments”

David Correa

Power over Ethernet (PoE) lighting is a technology that allows the transmission of both power and data over Ethernet cables. With PoE lighting, electrical power is delivered to lighting fixtures through standard Ethernet cables, eliminating the need for separate power cables. This technology leverages the existing network infrastructure to provide power to lighting devices, such as LED luminaires or bulbs, while also enabling data communication between the lighting fixtures and control systems.

The key component of PoE lighting is the Power Sourcing Equipment (PSE), which injects power onto the Ethernet cable. The Powered Devices (PD), such as lighting fixtures or sensors, receive the power and operate without requiring a dedicated electrical connection. The power delivery is



typically governed by industry standards, such as IEEE 802.3af or IEEE 802.3at, which define the maximum power levels and protocols for PoE systems.

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Competitive Analysis:

The competitive environment of the [power over ethernet \(POE\) lighting industry](#) is further examined in the report. It includes details about the key players in the market's strengths, product portfolio, power over ethernet (POE) lighting market share and size analysis, operational results, and market positioning. It comprises the actions taken by the players to grow and expand their presence through agreements and entering new business sectors. Mergers and acquisitions, joint ventures, and product launches are some of the other techniques used by players.

Some of the major key players of the power over ethernet (POE) lighting industry include:

- Hubbell.Inc.
- Philips Lighting (Signify Holding)
- Cisco Systems Inc.
- ALLNet GmbH
- H.E. Williams Inc.
- Wipro Lighting
- Axis Lighting
- Herbert Waldmann GmbH & Co. KG
- Molex LLC.
- Ubiquiti Networks Inc.

Power over ethernet (Poe) lighting industry offers several advantages over traditional lighting systems. It simplifies the installation process by eliminating the need for separate electrical wiring, reducing complexity and costs. In addition, PoE lighting allows for centralized control and monitoring, enabling advanced lighting management and automation features. It also provides flexibility for reconfiguration and scalability as lighting needs change, making it suitable for dynamic environments.

The power over ethernet (Poe) lighting industry size is anticipated to experience significant growth 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 (Poe) lighting market share is expected to witness an increase in demand for intelligent workplaces in developing regions such as LAMEA and Asia-Pacific. On the contrary, high initial costs of PoE equipment, accessories and services restrain the power over ethernet (Poe) lighting market growth during the forecast period.

Region-wise, the power over ethernet (poe) lighting market is 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).

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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, power over ethernet (Poe) lighting market opportunity, power over ethernet (Poe) lighting market demand, key players, market segments, application areas, and market growth strategies.

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