

Global Smart Indoor Lighting Market 2023-2029

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Abstracts

Smart indoor lighting refers to lighting systems that are designed to be controlled and automated using smart technology, such as smartphones, voice assistants, and home automation systems. These systems typically use LED lights, which are energy-efficient and long-lasting, and can be programmed to adjust the brightness, color, and timing of the lights. Smart indoor lighting can be controlled using a variety of methods, including mobile apps, voice commands, and motion sensors. This allows users to easily adjust the lighting to suit their needs and preferences, and to create custom lighting scenes for different activities, such as reading, watching TV, or entertaining guests. According to the latest data, the market size of the global smart indoor lighting sector is expected to rise by USD 22.5 billion with a CAGR of 19.92% by the end of 2029.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global smart indoor lighting market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the component, technology, light source, application, and region. The global market for smart indoor lighting can be segmented by component: hardware, software, services. According to the research, the hardware segment had the largest share in the global smart indoor lighting market. Smart indoor lighting market is further segmented by technology: wired communication, wireless communication. In 2022, the wired communication segment made up the largest share of revenue generated by the smart indoor lighting market. Based on light source, the smart indoor lighting market is segmented into: fluorescent lamp, light emitting diodes (LED), high density discharge lamps. Among these, the light emitting diodes (LED) segment was

accounted for the highest revenue generator in 2022. On the basis of application, the smart indoor lighting market also can be divided into: residential, commercial, industrial, others. The residential segment captured the largest share of the market in 2022. Smart indoor lighting market by region is categorized into: Asia-Pacific, Europe, North America, Middle East and Africa (MEA), South America. According to the research, Europe had the largest share in the global smart indoor lighting market.

The hardware market is further segmented into luminaries, lighting controls. The latest analysis indicates that the luminaries segment occupied the largest share of this market in 2022 and is expected to draw the highest demand in coming years. Furthermore, the wired communication market has been categorized into digital addressable lighting interface (DALI), powerline communications, power over ethernet (PoE), wire hybrid protocols, others. Globally, the wire hybrid protocols segment made up the largest share of the smart indoor lighting market. The wireless communication market is further divided into Zigbee, Bluetooth LE, EnOcean, Wi-Fi, 6LoWPAN, Li-Fi, others. The Zigbee segment was the largest contributor to the global smart indoor lighting market in 2022.

Market Segmentation

By component: hardware, software, services

By technology: wired communication, wireless communication

By light source: fluorescent lamp, light emitting diodes (LED), high density discharge lamps

By application: residential, commercial, industrial, others

By region: Asia-Pacific, Europe, North America, Middle East and Africa (MEA), South America

The report explores the recent developments and profiles of key vendors in the Global Smart Indoor Lighting Market, including Signify N.V., Legrand S.A., Acuity Brands, Inc., Lutron Electronics, Inc., Leviton Manufacturing Company, Inc., General Electric Company, Osram Licht AG, Ideal Industries, Inc., LIFX Labs, Inc., Hubbel Incorporated, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global smart indoor lighting market.

To classify and forecast the global smart indoor lighting market based on component, technology, light source, application, region.

To identify drivers and challenges for the global smart indoor lighting market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global smart indoor lighting market.

To identify and analyze the profile of leading players operating in the global smart indoor lighting market.

Why Choose This Report

Gain a reliable outlook of the global smart indoor lighting market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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North America
Middle East and Africa (MEA)
South America

PART 10. KEY COMPANIES

Signify N.V.
Legrand S.A.
Acuity Brands, Inc.
Lutron Electronics, Inc.
Leviton Manufacturing Company, Inc.
General Electric Company
Osram Licht AG
Ideal Industries, Inc.
LIFX Labs, Inc.
Hubbel Incorporated
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