Global Lighting Control System Market 2024

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Abstracts

The lighting control system market comprises major products such as dimmers and sensors, which are utilized to provide automatic or semi-automatic lighting for enhanced efficiency and comfort. These systems are used in both indoor and outdoor settings, supporting wired and wireless formats. They can be integrated into new installations or retrofitted into existing setups.

The wired lighting control system segment market is projected to reach USD 24.7 billion by 2029, with a CAGR of 14.1% during the forecast period. Wired systems involve devices communicating through signals transmitted via wires. Examples include basic wall switches and automatic clocks that control lighting fixtures. Low-voltage relay panels connected to switches, sensors, and building management systems also fall under wired controls.

The new installations lighting control system segment market is anticipated to reach USD 26.6 billion by 2029, with a CAGR of 13.9% during the forecast period. New construction offers the ideal opportunity to install lighting control systems, providing users with a wide range of options. Both wired and wireless communication protocols can be easily incorporated into new buildings, creating flexibility for end-users. The demand for lighting controls through new installations is further boosted by growing construction activities in developing countries, increasing commercial spaces, and a rapidly expanding residential sector.

The hardware installations lighting control system segment market is estimated to reach USD 24.1 billion by 2029, with a CAGR of 12.8% during the forecast period. Hardware components such as drivers, sensors, and dimmers form the foundation of lighting control systems. These components can be either integrated software or connected to software applications on smartphones. Hardware has always been a crucial part of lighting control systems, and it continues to dominate the market. However, the

emergence of software technologies is bringing significant changes to the market dynamics. Vendors are also focusing on providing installation, maintenance, guidance, support, and other services.

The commercial installations lighting control system segment market is expected to reach USD 17.4 billion by 2029, with a CAGR of 13.3% during the forecast period. Urbanization, infrastructure development, and an increasing number of corporate offices are driving the demand for LED bulbs in the commercial sector. This trend supports the growth of the lighting control system market.

In the Asia-Pacific region, the lighting control system segment market is estimated to reach USD 15.7 billion by 2029, with a CAGR of 15.0% during the forecast period. Factors such as population growth, rising consumer affordability, increasing awareness, and shifting lifestyles are fueling the demand for lighting control systems. China, Japan, and South Korea lead the region, while India, Australia, and New Zealand are expected to experience high growth rates. India, in particular, is projected to be one of the fastest-growing countries in the Asia-Pacific lighting control system market due to investments in infrastructure, the adoption of LEDs, and improving disposable incomes.

This comprehensive industry report provides market estimates and forecasts, accompanied by a detailed examination of the connection, installation, offering, application, and region aspects. It delivers a quantitative analysis of the market, empowering stakeholders to leverage existing market opportunities. Furthermore, the report identifies key segments for potential opportunities and strategies, drawing insights from market trends and the approaches of leading competitors.

The global baby bottle market has been extensively analyzed by categorizing it according to various sub-segments in order to provide accurate forecasts of industry size and assess trends within specific areas.

The global market for lighting control system can be segmented by connection: wired, wireless. Wired held the highest share in the global lighting control system market. However, the wireless segment is forecast to register the highest CAGR during the forecast period 2024 %li%2030.

Lighting control system market is further segmented by installation: new installations, retrofit installations. New installations held the highest share in the global lighting control system market. However, the retrofit installations segment is forecast to register the highest CAGR during the forecast period 2024 %li%2030.

Based on offering, the lighting control system market is segmented into: hardware, software & services. Hardware held the highest share in the global lighting control system market. However, the software & services segment is forecast to register the highest CAGR during the forecast period 2024 %li%2030.

On the basis of application, the lighting control system market also can be divided into: residential, commercial, industrial, roadways, others. Commercial held the highest share in the global lighting control system market. However, the roadways segment is forecast to register the highest CAGR during the forecast period 2024 %li%2030.

Lighting control system market by region is categorized into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. Asia-Pacific held the highest share in the global lighting control system market. However, Latin America is forecast to register the highest CAGR during the forecast period 2024 %li%2030.

The market research report covers the analysis of key stake holders of the global lighting control system market. Some of the leading players profiled in the report include Signify N.V., Legrand S.A., Eaton Corporation, General Electric Company, OSRAM Licht AG, Acuity Brands, Inc., Leviton Manufacturing Company, Inc., Schneider Electric SE, Honeywell International, Inc., Ideal Industries, Inc., Advanced Lighting Technologies LLC, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Why Choose This Report

Gain a reliable outlook of the global lighting control system market forecasts from 2024 to 2030 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.

Market Segments Covered in Global Lighting Control System Industry Analysis:

i.) Connection

      Wired

      Wireless

ii.) Installation

      New installations

      Retrofit installations

iii.) Offering

      Hardware

      Software & services

iv.) Application

      Residential

      Commercial

      Industrial

      Roadways

      Others

v.) Region

      North America

Europe

Asia-Pacific

MEA (Middle East and Africa)

Latin America

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