Global Lighting Control System Market Size study & Forecast, by Type (Hardware, Software), by Communication Protocol (Wired, Wireless), by Application (Indoor, Outdoor), and Regional Analysis, 2023-2030

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Abstracts

Global Lighting Control System Market is valued at approximately USD 26.9 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 16.99% over the forecast period 2023-2030. The Lighting Control System Market refers to the industry encompassing the production, distribution, and implementation of advanced systems and technologies designed to regulate and optimize the operation of lighting fixtures and devices for various applications. These systems enable the automation, monitoring, and customization of lighting settings, promoting energy efficiency, cost savings, and enhanced user comfort and convenience. The Lighting Control System Market is being driven by factors such as growing demand for electricity and increasing urbanization.

These systems typically involve the use of sensors, switches, dimmers, and centralized control systems to regulate the intensity, color, and timing of lighting fixtures. Lighting control systems offer benefits such as energy efficiency, improved comfort, increased convenience, and enhanced aesthetics. According to World Bank based on data from the UN Population Division November 2019 update, urban population in 2020 was 4.36 billion and it is projected to reach 7 billion by 2050. Along with that rising demand electricity is also driving the market, According to the International Energy Agency by year 2030 the global electricity demand is anticipated to grow by 25-30% as compare to year 2021. Thus, rising urbanization and rising demand for electricity fueling the growth of the market. In addition, the growing demand for energy-efficient lighting and government initiatives to build smart cities create lucrative opportunities for the market. However, the high cost of installation may hinder the growth of the market throughout

the forecast period of 2023-2030.

The key regions considered for the Global Lighting Control System Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to its Strong IT Infrastructure and increasing demand for energy-efficient lighting solutions in the region. Asia Pacific is considered the fastest-growing region during the forecasted period due to rapid urbanization and government initiatives of building smart cities.

Major market player included in this report are:
General Electric Company
Philips Lighting NV
Eaton Corporation Plc
Honeywell International Inc.
Acuity Brands Inc.
Cree Inc.
Lutron Electronics Co. Inc.
Leviton Manufacturing Company Inc.
Digital Lumens Inc.
WAGO Corporation

Recent Developments in the Market:

In April 2023, MEGAMAN® Launches its New Infinite Smart Lighting System, the Bluetooth-connected system integrates a smart sensor that continuously monitors and adjusts the lighting levels based on the surrounding ambient light conditions. This enables seamless wireless communication between the sensor and connected light fixtures, ensuring optimal lighting throughout the day.

Global Lighting Control System Market Report Scope:
Historical Data – 2020 - 2021
Base Year for Estimation – 2022
Forecast period - 2023-2030
Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends
Segments Covered - Type, Communication Protocol, Application, Region
Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa
Customization Scope - Free report customization (equivalent up to 8 analyst’s working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:
Hardware
Software
By Communication Protocol:
Wired
Wireless
By Application:
Indoor
Outdoor
By Region:

North America
U.S.
Canada

Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan

Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

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