

North America Smart Lighting Market Report by Offering (Hardware, Software, Services), Communication Technology (Wired Technology, Wireless Technology), Installation Type (New Installation, Retrofit Installation), Light Source (LED Lamps, Fluorescent Lamps, Compact Fluorescent Lamps, High Intensity Discharge Lamps, and Others), Application (Commercial, Residential, Public Infrastructure, and Others), and Country 2024-2032

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Abstracts

The North America smart lighting market size reached US\$ 6.0 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 22.9 Billion by 2032, exhibiting a growth rate (CAGR) of 15.5% during 2024-2032.

Smart lighting is an energy-efficient lighting solution with power saving features and automated controls for smooth operations. This technology enables the user to change the light intensity depending on parameters, such as occupancy or daylight availability. Smart lighting system is rapidly replacing traditional lighting solutions as it is economical, sustainable and draws lesser power. It is also accessible through smartphone applications, which makes it easy for the user to control. This lighting system has enabled real-time illumination monitoring, intelligent sensing and improvement in connected lighting technology. Further, the evolution of big data and the internet of things (IoT) has improved the integration of smart lighting with other automated systems used in smart homes.

North America smart lighting market is currently being driven by several factors. The

shelf life of smart light is very high, which reduces the need to change the light at regular intervals, as in the case of traditional lights. Owing to this, the market is currently witnessing an increasing acceptance among consumers, thereby catalyzing the market growth in the region. In addition to this, the continuous technological advancements in the design and manufacturing of smart lighting systems have increased their power efficiency and expanded their applications across several sectors. Furthermore, the high per capita incomes of the consumers have enabled them to invest in improved technologies, such as smart lighting.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the North America smart lighting market report, along with forecasts at the regional and country level from 2024-2032. Our report has categorized the market based on offering, communication technology, installation type, light source and application.

Key Regions Analysed

United States

Canada

Mexico

Analysis for Each Country

Market by Offering

Hardware

Lights and Luminaires

Lighting Controls

Software

Services

Design and Engineering

Installation

Post-Installation

Market by Communication Technology

Wired Technology

Wireless Technology

Market by Installation Type

New Installation

Retrofit Installation

Market by Light Source

LED Lamps

Fluorescent Lamps

Compact Fluorescent Lamps

High Intensity Discharge Lamps

Others

Market by Application

Commercial

Residential

Public Infrastructure

Others

Value Chain Analysis

Key Drivers and Challenges

Porters Five Forces Analysis

PESTEL Analysis

Government Regulations

Competitive Landscape

Competitive Structure

Key Player Profiles

Key Questions Answered in This Report

1. What was the size of the North America smart lighting market in 2023?
2. What is the expected growth rate of the North America smart lighting market during 2024-2032?
3. What are the key factors driving the North America smart lighting market?
4. What has been the impact of COVID-19 on the North America smart lighting market?
5. What is the breakup of the North America smart lighting market based on the offering?
6. What is the breakup of the North America smart lighting market based on the communication technology?
7. What is the breakup of the North America smart lighting market based on the installation type?
8. What is the breakup of the North America smart lighting market based on the light source?

9. What is the breakup of the North America smart lighting market based on the application?
10. What are the key regions in the North America smart lighting market?

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