

# **UAE 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) 2024-2032**

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## **Abstracts**

The UAE smart lighting market size reached US\$ 75.8 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 398.7 Million by 2032, exhibiting a growth rate (CAGR) of 19.6% during 2024-2032.

Smart lighting system represents an energy-efficient and inexpensive lighting system that enables the consumer to remotely adjust ambient lighting of a particular space. Smart-lighting products have numerous applications in industrial, commercial, and residential sectors. It can be controlled through a smartphone-controlled wall keypad, a touchscreen panel or through voice commands. This significantly increases the convenience of the user, as smart lights can be switched on/off from anywhere in the world at any point of time. Smart lights are also equipped with adaptive dimmers that can imitate sunshine and gradually reduce ambient light as the sun goes down. Additionally, smart lights are able to provide a higher sense of security to users who are not present in their homes with a feature to turn on/off the house lights according to their choice, giving an impression that the house is occupied. Smart lights also simplifies user experience through interactive controls and buttons on keypad and on smartphone

applications.

Consistent growth in the UAE's infrastructure and real estate sector is one of the key drivers for the UAE smart lighting market. Moreover, the government is also playing a big role in the adoption of smart lighting technology. According to the UAE Vision Plan 2021, the government aims to adopt smart lighting products for all major airports, roads, ports and infrastructures. Additionally, UAE has installed smart lighting systems over large stretches of city streets and has upgraded lighting equipment in the shopping centres, retail establishments, digital billboards and other commercial projects. These energy-efficient replacements will continue throughout the country and the upcoming projects will adhere to the government's regulations for energy saving smart lighting systems. Moreover, Dubai plans to modify a significant percentage of its outdoor lighting systems including roads, streets, and parks with smart LED bulbs in the coming years.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the UAE smart lighting market report, along with forecasts for the period 2024-2032. Our report has categorized the market based on offering, communication technology, installation type, light source and application.

#### Breakup by Offering:

- Hardware
  - Lights and Luminaires
  - Lighting Controls
- Software
- Services
  - Design and Engineering
  - Installation
  - Post-Installation

#### Breakup by Communication Technology:

- Wired Technology
- Wireless Technology

#### Breakup by Installation Type:

- New Installation

Retrofit Installation

Breakup by Light Source:

LED Lamps

Fluorescent Lamps

Compact Fluorescent Lamps

High Intensity Discharge Lamps

Others

Breakup 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

IMARC Group's latest report provides a deep insight into the United Arab Emirates smart lighting market covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the UAE smart Lighting market in any manner.

### Key Questions Answered in This Report:

How has the UAE smart lighting market performed so far and how will it perform in the coming years?

What is the breakup of the market based on the offering?

What has been the impact of COVID-19 on the UAE smart lighting market?

What is the breakup of the market based on the communication technology?

What is the breakup of the market based on the installation type?

What is the breakup of the market based on the light source?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the UAE smart lighting industry?

What are the key driving factors and challenges in the UAE smart lighting industry?

What is the structure of the UAE smart lighting industry and who are the key players?

What is the degree of competition in the UAE smart lighting industry?

What are the profit margins in the UAE smart lighting industry?

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