

# **UAE Smart Lighting Market By Offering (Hardware, Software and Service), By Installation Type (New Installations and Retrofit Installations), By End-Use Application (Indoor, Outdoor), By Communication Technology (Wired, Wireless), By Region, Competition Forecast & Opportunities, 2027**

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## **Abstracts**

UAE smart lighting market is anticipated to grow at an impressive CAGR in the forecast period, 2023-2027. The growing demand for energy-efficient lighting systems and the surge in popularity of LED bulbs and lighting are driving the demand for the UAE smart lighting market. Also, the development of the smart city and the advancements in wireless communication technology, and the increased use of IoT technology are expected to create lucrative growth opportunities for the UAE smart lighting market over the next five years.

### **A surge in Demand for Energy-efficient lighting systems Drives the Market Growth**

Consumers are becoming more aware of the benefits of having an energy-efficient system in the residential space, accelerating the demand for technologies that operate on low energy. The smart lighting system considerably uses less power in comparison to the traditional lighting system. The majority of smart lighting systems are electronic or electrical and usually operate on power and energy sources. The rapid depletion and increased burden on energy sources coupled with soaring electrical bills make the market players develop energy-efficient smart lighting systems. Therefore, the growing construction of residential and commercial spaces and increased awareness about the advantages of using smart lighting systems is expected to boost the demand for UAE smart lighting market over the next five years.

## Increased Installation of Smart Street Lighting Systems Fuels the Market Growth

Leading authorities are continuously working to improve the existing infrastructure by allocating considerable funds to research and development activities. Outdoor lighting systems are also changing from on-and-off systems to smart luminescence. Market players have started to adopt technologies like the internet of things and artificial intelligence, which can help consumers attain real-time updates and information and make informed decisions. Based on UAE Vision 2021, the government aims to install smart lighting products for all airports, ports, roads, and other public infrastructure. Such as, in Abu Dhabi, the government authorities are working on plans to replace thousands of streetlights as a part of its major energy-efficiency drive. The municipality has awarded the contract to Tatweer to install 43,000 LED lights across the United Arab Emirates. This project is expected to deliver energy savings of about 900 million kilowatts throughout its 12-year agreement. Also, in Dubai, as a part of its Dubai Clean Energy Strategy, the government authorities have set a target to produce 75 percent of energy through clean sources by 2050. An energy-saving system is installed at Jumeirah Corniche, which switches on when it detects cyclists and pedestrians. This project is on a trial basis and is operated by Philips Lighting and Dubai's Roads and Transport Authority. The upcoming and ongoing energy-saving projects in UAE are expected to significantly contribute to the UAE smart lighting market in the forecast period.

## The emergence of Online Sales Channel Supports the High Market Demand

The availability of high-speed internet connections and the proliferation of smart devices boost the popularity of e-commerce channels among the tech-savvy youth population. Market players are also shifting toward the online sales channel to expand their consumer base and improve their brand's visibility. They offer advanced and wireless smart lighting products at affordable rates on online platforms. Quick doorstep delivery, easy exchange options, and lucrative discounts are the other facilities the market players offer to attract customers to buy smart lighting products from their respective brands.

## Market Segmentation

The UAE smart lighting market is segmented into an offering, installation type, end-use application, communication technology, regional distribution, and competitive landscape. Based on the offering, the market is divided into hardware, software, and

service. Based on installation type, the market is divided into new installations and retrofit installations. Based on end-use applications, the market is bifurcated into indoor and outdoor. Based on communication technology, the market is divided into wired and wireless. To analyze the market based on the region, the UAE smart lighting market is studied in major regions namely Dubai, Abu Dhabi, Sharjah, and rest of the UAE.

## Market Players

Trans Light Electricals, Eco smart light TRDG, Global Light & Power LLC, Schneider Electric, Philips Lighting N.V., General Electric Company, Honeywell International Inc., Eaton Corporation, Legrand SA, OSRAM Light AG, are the major market players operating in the UAE smart lighting market.

## Report Scope:

In this report, UAE smart lighting market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

### UAE Smart Lighting Market, By Offering:

Hardware

Software

Service

### UAE Smart Lighting Market, By Installation Type:

New Installations

Retrofit Installations

### UAE Smart Lighting Market, By End-Use Application:

Indoor

Outdoor

### UAE Smart Lighting Market, By Communication Technology:

Wired

Wireless

UAE Smart Lighting Market, By Region:

Dubai

Abu Dhabi

Sharjah

Rest of UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in UAE smart lighting market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### 1. PRODUCT OVERVIEW

### 2. RESEARCH METHODOLOGY

### 3. IMPACT OF COVID-19 ON UAE SMART LIGHTING MARKET

### 4. EXECUTIVE SUMMARY

### 5. VOICE OF CUSTOMERS

#### 5.1. Brand Awareness

#### 5.2. Factors Considered while Selecting a Supplier

#### 5.3. Key Satisfaction Level

#### 5.4. Major Challenges Faced

### 6. UAE SMART LIGHTING MARKET OUTLOOK

#### 6.1. Market Size & Forecast

##### 6.1.1. By Value

#### 6.2. Market Share & Forecast

##### 6.2.1. By Offering (Hardware, Software and Service)

##### 6.2.2. By Installation Type (New Installations and Retrofit Installations)

##### 6.2.3. By End-Use Application (Indoor, Outdoor)

##### 6.2.4. By Communication Technology (Wired, Wireless)

##### 6.2.5. By Region

##### 6.2.6. By Company

#### 6.3. Market Map

### 7. UAE SMART LIGHTING HARDWARE MARKET OUTLOOK

#### 7.1. Market Size & Forecast

##### 7.1.1. By Value

#### 7.2. Market Share & Forecast

##### 7.2.1. By Installation Type

##### 7.2.2. By End-Use Application

##### 7.2.3. By Communication Technology

##### 7.2.4. By Region

## **8. UAE SMART LIGHTING SOFTWARE MARKET OUTLOOK**

### 8.1. Market Size & Forecast

#### 8.1.1. By Value

### 8.2. Market Share & Forecast

#### 8.2.1. By Installation Type

#### 8.2.2. By End-Use Application

#### 8.2.3. By Communication Technology

#### 8.2.4. By Region

## **9. UAE SMART LIGHTING SERVICE MARKET OUTLOOK**

### 9.1. Market Size & Forecast

#### 9.1.1. By Value

### 9.2. Market Share & Forecast

#### 9.2.1. By Installation Type

#### 9.2.2. By End-Use Application

#### 9.2.3. By Communication Technology

#### 9.2.4. By Region

## **10. MARKET DYNAMICS**

### 10.1. Drivers

### 10.2. Challenges

## **11. MARKET TRENDS & DEVELOPMENTS**

## **12. POLICY & REGULATOR LANDSCAPE**

## **13. UAE ECONOMIC PROFILE**

## **14. COMPANY PROFILES**

### 14.1. Trans Light Electricals

### 14.2. Eco smart light TRDG

### 14.3. Global Light & Power LLC

### 14.4. Schneider Electric

### 14.5. Philips Lighting N.V.

- 14.6. General Electric Company
- 14.7. Honeywell International Inc.
- 14.8. Eaton Corporation
- 14.9. Legrand SA
- 14.10. OSRAM Light AG

## **15. STRATEGIC RECOMMENDATIONS**

## I would like to order

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