

Global Smart Lighting Market: By Product Type (Smart Bulbs, Control Systems and Fixtures); By offering (Hardware, Software and Services); By Application (Indoor and Outdoor); By Light source (Fluorescent Lamp and Light Emitting Diode); By Technology (Wired and Wireless) and Region – Analysis of Market Size, Share & Trends for 2014 – 2019 and Forecasts to 2030

<https://marketpublishers.com/r/G54AAA5266ACEN.html>

Date: May 2024

Pages: 164

Price: US\$ 5,000.00 (Single User License)

ID: G54AAA5266ACEN

Abstracts

Product Overview

Smart lighting acts as an initial step in automated IoT technology adoption which is designed for convenience, security,, and energy efficiency. Smart lighting comprises a mesh network of wireless bulbs connected to the nearest neighbor controlled by a hub plugged into the router that enables the connected phone or tablet to communicate with the bulbs. This lighting technology creates buildings more responsive, secure, sustainable, and healthy; it also comprises automated controls and high-efficiency fixtures that adjust based on daylight and occupancy.

Market Highlights

Global Smart Lighting Market is expected to project a notable CAGR in 2030. Global Smart Lighting Market to surpass USD million by 2030 from USD million in 2020 at a CAGR of XX% throughout the forecast period, i.e. 2020-30. Global Smart Lighting Market is expected to observe growth in the future due to advancements and innovations in technology such as intelligent sensing lighting solutions and the internet of things (IoT) which has led to a rise in demand for energy-efficient lighting solutions. Rising consumer awareness for energy conservation has led to a gradual shift in

demand from incandescent lamps to light-emitting diodes (LEDs) which has helped the market to advance globally with the rising commercialization of Wi-Fi technology.

Recent Highlights in Global Smart Lighting Market

In December 2019, Cooper Lighting Solutions was acquired by Signify from Eaton which would bolster its position in the North American lighting market.

Global Smart Lighting Market: Segments

Control Systems segment to grow with the highest CAGR during 2019-30

Global Smart Lighting market is segmented by type into Smart Bulbs, Control Systems, and Fixtures. The control systems segment held the largest market share in the year 2018 and is anticipated to dominate the global market throughout the forecast period.

Services segment to grow with the highest CAGR during 2019-30

Global Smart Lighting market is segmented by offering Hardware, Software,, and Services. Services segment held the largest market share in the year 2018 and is anticipated to dominate the global market throughout the forecast period.

Indoor segment to grow with the highest CAGR during 2019-30

Global Smart Lighting market is segmented by application into Indoor and Outdoor. Indoor segment held the largest market share in the year 2018 and is expected to maintain this trend throughout the forecast period due to the higher adoption of connected lighting systems for commercial and residential purposes.

Light Emitting Diode segment to grow with the highest CAGR during 2019-30

Global Smart Lighting market is also segmented by the light source into Fluorescent Lamp and Light Emitting Diode (LED). LED segment held the largest market share in the year 2018 and is anticipated to grow with the highest CAGR throughout the forecast period since it provides smart lighting based application opportunities by using indoor lighting infrastructure and high-speed wireless data communication which is widely used across smart buildings and is very cost-effective.

Wireless segment to grow with the highest CAGR during 2019-30

Global Smart Lighting market is segmented by technology into Wired and Wireless. Wireless segment held the largest market share in the year 2018 and is expected to maintain this trend throughout the forecast period.

Market Dynamics

Drivers

Development of Smart Cities

Construction of smart cities has further led to a demand for smart lighting due to its adoption of internet of things technology that ensures convenience, security, and energy efficiency. Rising disposable income and constantly changing lifestyle has accelerated the demand for interior lightings in office buildings, hotels, restaurants. Smart cities use smart embedded devices and sensors at various places such as streets, traffic signals which leads to lower energy consumption to a greater extent. Smart lighting creates a reliable sensing network through a multi-sensor node that collects environment-related information such as humidity, carbon-dioxide, UVA light as a result of which municipal bodies reduce the maintenance cost and energy consumption of smart cities.

Energy Efficient

Digitization had transformed the lighting industry and provided an energy-efficient lighting system that saves energy. Smart automation and the adoption of connected technologies have impacted applications of smart lighting, such as, residential, commercial, retail, government by transforming the process by which lighting systems consume energy and interact with their surroundings.

Restraints

High investment costs

Smart Lighting market observed disturbances in a supply chain that created a demand-supply gap resulting in higher prices. Higher investment costs in smart lighting technology is also hampering the growth of outdoor as well as indoor lighting vertical.

Impact of Covid-19 on Smart Lighting Market

Coronavirus had adversely affected majority of industries all around the world. The smart lighting market also witnessed a negative impact due to the disruption in manufacturing activities and supply chains. Due to this pandemic industry were directed to shutdown manufacturing units and operations to break the chain of the spread of the virus. Social distancing norms have encouraged the businesses to operate from home but it has adversely affected the manufacturing sector. However, a government initiative to encourage and promote smart city projects is expected to boost the smart lighting market post corona period.

Global Organic Market: Key Players

Phillips

Company Overview

Business Strategy

Key Product Offerings

Financial Performance

Key Performance Indicators

Risk Analysis

Recent Development

Regional Presence

SWOT Analysis

Cree Inc.

Osram Licht AG

Nichia Corporation

Eaton Corporation

Seoul Semiconductor Co. Ltd.

GE lighting

Zumbobel Group

Other Prominent Players

Global Smart Lighting Market: Regions

Global Smart Lighting market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, APAC, and MENA.

Global Smart Lighting Market in Europe held the largest market share in the year 2019 and will continue to dominate the global market due to adoption of smart lighting technology promoting energy conservation. Asia-Pacific region is also anticipated to witness a rise in demand due to the availability of raw materials and low labor costs.

Global SMART LIGHTING market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey,, and Rest of Europe

APAC Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

MENA Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Global Smart Lighting market report also contains analysis on:

Smart Lighting Market Segments:

By Product Type

Smart Bulbs
Control Systems
Fixtures
By Offering
Hardware
Software
Services
By Application
Indoor (Residential, Commercial, Industrial)
Outdoor (Highways and Roads Lightings, Lighting for public places)
By Light Source
Fluorescent Lamp
Light Emitting Diode (LED)
By Technology
Wired
Wireless
Smart Lighting Market Dynamics
Smart Lighting Market Size
Supply & Demand
Current Trends/Issues/Challenges
Competition & Companies Involved in the Market
Value Chain of the Market
Market Drivers and Restraints

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL SMART LIGHTING MARKET

- 2.1. Product Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms

3. RESEARCH METHODOLOGY

- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation

4. AVERAGE PRICING ANALYSIS

5. MACRO-ECONOMIC INDICATORS

6. MARKET DYNAMICS

- 6.1. Growth Drivers
- 6.2. Restraints
- 6.3. Opportunity
- 6.4. Trends

7. CORRELATION & REGRESSION ANALYSIS

- 7.1. Correlation Matrix
- 7.2. Regression Matrix

8. RECENT DEVELOPMENT, POLICIES & REGULATORY LANDSCAPE

9. RISK ANALYSIS

9.1. Demand Risk Analysis

9.2. Supply Risk Analysis

10. GLOBAL SMART LIGHTING MARKET ANALYSIS

10.1. Porters Five Forces

10.1.1. Threat of New Entrants

10.1.2. Bargaining Power of Suppliers

10.1.3. Threat of Substitutes

10.1.4. Rivalry

10.2. PEST Analysis

10.2.1. Political

10.2.2. Economic

10.2.3. Social

10.2.4. Technological

11. GLOBAL SMART LIGHTING MARKET

11.1. Market Size & forecast, 2019A-2030F

11.1.1. By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

11.1.2. By Volume (Million Units) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12. GLOBAL SMART LIGHTING MARKET: MARKET SEGMENTATION

12.1. By Regions

12.1.1. North America:(U.S. and Canada) By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.2. Latin America: (Brazil, Mexico, Argentina, Rest of Latin America) By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.3. Europe: (Germany, UK, France, Italy, Spain, BENELUX, NORDIC, Hungary, Poland, Turkey, Russia, Rest of Europe) By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.4. Asia-Pacific: (China, India, Japan, South Korea, Indonesia, Malaysia, Australia, New Zealand, Rest of Asia Pacific) By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.1.5. Middle East and Africa: (Israel, GCC, North Africa, South Africa, Rest of Middle East and Africa) By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F

12.2. By Product Type: Market Share (2020-2030F)

- 12.2.1. Smart Bulbs, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
 - 12.2.2. Control Systems, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
 - 12.2.3. Fixtures, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
 - 12.3. By Offering: Market Share (2020-2030F)
 - 12.3.1. Hardware, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
 - 12.3.2. Software, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
 - 12.3.3. Services, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
 - 12.4. By Application: Market Share (2020-2030F)
 - 12.4.1. Indoor, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
 - 12.4.2. Outdoor, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
 - 12.5. By Light Source: Market Share (2020-2030F)
 - 12.5.1. Fluorescent Lamp, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
 - 12.5.2. Light Emitting Diode, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
 - 12.6. By Technology: Market Share (2020-2030F)
 - 12.6.1. Wired, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
 - 12.6.2. Wireless, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- Company Profile

1. PHILLIPS

1. COMPANY OVERVIEW

2. COMPANY TOTAL REVENUE (FINANCIALS)

3. MARKET POTENTIAL

4. GLOBAL PRESENCE

5. KEY PERFORMANCE INDICATORS

6. SWOT ANALYSIS

7. PRODUCT LAUNCH

2. CREE INC.

3. OSRAM LICHT AG

4. NICHIA CORPORATION

5. EATON CORPORATION

6. SEOUL SEMICONDUCTOR CO. LTD.

7. GE LIGHTING

8. ZUMBTOBEL GROUP

9. OTHER PROMINENT PLAYERS

Consultant Recommendation

****The above-given segmentation and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.**

I would like to order

Product name: Global Smart Lighting Market: By Product Type (Smart Bulbs, Control Systems and Fixtures); By offering (Hardware, Software and Services); By Application (Indoor and Outdoor); By Light source (Fluorescent Lamp and Light Emitting Diode); By Technology (Wired and Wireless) and Region – Analysis of Market Size, Share & Trends for 2014 – 2019 and Forecasts to 2030

Product link: <https://marketpublishers.com/r/G54AAA5266ACEN.html>

Price: US\$ 5,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G54AAA5266ACEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970