

Lighting Control System Market by Installation Type (New and Retrofit), Offering (Hardware, Software, and Services), End-use Application (Indoor and Outdoor), Communication Protocol, and Geography - Global Forecast to 2024

<https://marketpublishers.com/r/LBD6561EB4FEN.html>

Date: November 2019

Pages: 202

Price: US\$ 5,650.00 (Single User License)

ID: LBD6561EB4FEN

Abstracts

“Government initiatives and policies for energy savings to drive growth of the lighting control system market”

The lighting control system market is estimated to grow from USD 19.5 billion in 2019 and projected to reach USD 39.0 billion by 2024; it is expected to grow at a CAGR of 14.8% from 2019 to 2024. Increasing demand for intelligent solutions for street lighting systems, upcoming smart city projects in developing economies, growing adoption and decreasing cost of LEDs, increasing awareness of consumers and governments about the importance of energy saving are the major factors contributing to the growth of the market for lighting control systems. Major restraining factors such as the cost of deployment, and the lack of standardized regulatory frameworks in the energy sector, along with security and privacy issues in connected lighting control systems, are restraining the growth of the lighting control system market.

“Services market for lighting control systems is expected to grow at highest CAGR during forecast period”

The lighting service model is defined broadly as the third-party management of lighting systems, which may include additional technical, maintenance, financial, or other services. Technological advancements in the lighting industry have provided a gateway to the Internet of Things (IoT), while lighting services have been meeting the rising demands for new networks, which offers lighting manufacturers a new opportunity in

competing with traditional networking players, and at the same time, opening their own service segments. The growth of the service segment is mainly propelled by the use of lighting services for cost savings, along with the purpose of energy conservation and an ecologically safe option.

“Indoor application to hold major share of lighting control system during forecast period.”

Indoor applications are expected to account for the largest share of the lighting control system market during the forecast period. The lighting control system market for the indoor lighting application has been segmented into residential, commercial, industrial, and others. The demand for lighting systems is more for indoor lighting applications due to the growing construction industry across the world.

“Lighting control system market in APAC expected to grow at highest CAGR during forecast period “

APAC is expected to be the fastest-growing region for the lighting control system market during the forecast period owing to the rapid infrastructure building activities being undertaken in APAC, mainly in China, where smart lighting paves the way for the modernization of infrastructure. Emerging economies in APAC, including China and India, are also impacting the overall lighting control system market significantly.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted with the key experts. The breakup of the profiles of primary participants is as follows:

By Company Type: Tier 1 – 45 %, Tier 2 – 30%, and Tier 3 –25%

By Designation: C-level Executives – 25%, Directors – 40%, Others – 35%

By Geography: North America – 45%, Europe – 20%, APAC – 25%, and RoW – 10%

Major players in the lighting control system market are Signify Holding (Signify, Netherlands), Legrand S.A. (Legrand, France), Eaton Corporation (Eaton, Ireland), General Electric Company (GE, US), and OSRAM Licht AG (OSRAM, Germany). The

other players operating in the lighting control system market include Acuity Brands, Inc. (Acuity, US), Leviton Manufacturing Company, Inc. (Leviton, US), Lutron Electronics Co. Inc (Lutron, US), Ideal Industries Inc. (Ideal Industries, US), Schneider Electric (Schneider, France), and Honeywell International Inc. (Honeywell, US).

Research Coverage

This report covers the lighting control system market based on installation type, offering, end-use application, communication protocol, and geography. A detailed analysis of the key industry players has been done to provide insights into their business, products and services, and key strategies such as product launches, product developments, partnerships, contracts, agreements, mergers and acquisitions, collaborations, and expansions associated with the lighting control system market.

Reasons to Buy the Report:

Illustrative segmentation, analysis, and forecast pertaining to the lighting control system market based on installation type, offering, end-use application, communication protocol, and geography have been conducted to provide an overall view of the lighting control system market.

Major drivers, restraints, opportunities, and challenges for the lighting control system market have been detailed in this report.

The report includes a detailed competitive landscape of key players in the market and their market ranking.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 DEFINITION & SCOPE
 - 1.2.1 INCLUSIONS AND EXCLUSIONS
- 1.3 STUDY SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 GEOGRAPHIC SCOPE
 - 1.3.3 YEARS CONSIDERED
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Breakdown of primaries
 - 2.1.2.2 Key data from primary sources
 - 2.1.2.3 Key industry insights
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.2 TOP-DOWN APPROACH
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES FOR GROWTH OF LIGHTING CONTROL SYSTEM MARKET
- 4.2 GLOBAL LIGHTING CONTROL SYSTEM MARKET, BY OFFERING
- 4.3 GLOBAL LIGHTING CONTROL SYSTEM MARKET, BY INSTALLATION TYPE
- 4.4 GLOBAL LIGHTING CONTROL SYSTEM MARKET, BY END-USE APPLICATION

- 4.5 GLOBAL LIGHTING CONTROL SYSTEM MARKET, BY INDOOR APPLICATION
- 4.6 GLOBAL LIGHTING CONTROL SYSTEM MARKET, BY OUTDOOR APPLICATION
- 4.7 GLOBAL LIGHTING CONTROL SYSTEM MARKET, BY GEOGRAPHY

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

- 5.2.1.1 Ongoing and upcoming smart city projects in developing economies
- 5.2.1.2 Increasing use of LED lights and luminaries in outdoor lighting applications
- 5.2.1.3 Government initiatives and policies for energy savings
- 5.2.1.4 Growing acceptance of standard protocols for lighting control systems

5.2.2 RESTRAINTS

- 5.2.2.1 Security and reliability issues with smart homes
- 5.2.2.2 High initial and deployment costs

5.2.3 OPPORTUNITIES

5.2.3.1 Rapid transition from traditional lighting systems to connected lighting solutions

- 5.2.3.2 Growing inclination toward energy-efficient lighting solutions

5.2.4 CHALLENGES

- 5.2.4.1 Interoperability issues between different network components

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN ANALYSIS

- 6.2.1 RESEARCH AND DEVELOPMENT ENGINEERS
- 6.2.2 RAW MATERIAL/INPUT SUPPLIERS
- 6.2.3 ORIGINAL EQUIPMENT MANUFACTURERS
- 6.2.4 SYSTEM INTEGRATORS AND SERVICE PROVIDERS
- 6.2.5 DISTRIBUTORS AND SALES REPRESENTATIVES
- 6.2.6 END-USE APPLICATIONS

6.3 INDUSTRY TRENDS

7 LIGHTING CONTROL SYSTEM MARKET, BY INSTALLATION TYPE

7.1 INTRODUCTION

7.2 NEW INSTALLATIONS

7.2.1 NEW INSTALLATIONS EXPECTED TO DOMINATE LIGHTING CONTROL SYSTEM MARKET DURING THE FORECAST PERIOD

7.3 RETROFIT INSTALLATIONS

7.3.1 RETROFIT INSTALLATIONS TO GROW AT HIGHER CAGR IN LIGHTING CONTROL SYSTEM MARKET DURING FORECAST PERIOD

8 LIGHTING CONTROL SYSTEM MARKET, BY OFFERING

8.1 INTRODUCTION

8.2 HARDWARE

8.2.1 LED DRIVERS& BALLASTS EXPECTED TO ACCOUNT FOR LARGEST SHARE OF LIGHTING CONTROL SYSTEM MARKET FOR HARDWARE DURING THE FORECAST PERIOD

8.2.1.1 LED drivers & ballasts

8.2.1.2 Sensors

8.2.1.3 Switches

8.2.1.3.1 Manual on/off switches

8.2.1.3.2 Electronic switches

8.2.1.4 Dimmers

8.2.1.4.1 Wired dimmers

8.2.1.4.2 Wireless dimmers

8.2.1.5 Relay units

8.2.1.6 Gateways

8.3 SOFTWARE

8.3.1 CLOUD-BASED SOFTWARE MARKET TO EXHIBIT HIGHEST GROWTH DURING FORECAST PERIOD

8.3.1.1 Local/web-based software

8.3.1.2 Cloud-based software

8.4 SERVICES

8.4.1 INSTALLATION & MAINTENANCE SERVICES TO ACCOUNT FOR LARGEST SHARE OF LIGHTING CONTROL SYSTEM MARKET FOR SERVICES DURING THE FORECAST PERIOD

8.4.1.1 Professional services

8.4.1.2 Installation and maintenance services

9 LIGHTING CONTROL SYSTEM MARKET, BY END-USE APPLICATION

9.1 INTRODUCTION

9.2 INDOOR

9.2.1 COMMERCIAL INDOOR APPLICATION EXPECTED TO GROW AT HIGH CAGR IN LIGHTING CONTROL SYSTEM MARKET DURING FORECAST PERIOD

- 9.2.1.1 Residential
- 9.2.1.2 Commercial
- 9.2.1.3 Industrial
- 9.2.1.4 Others

9.3 OUTDOOR

9.3.1 HIGHWAYS & ROADWAYS TO ACCOUNT FOR MAJOR SHARE OF LIGHTING CONTROL SYSTEM MARKET DURING FORECAST PERIOD

- 9.3.1.1 Highways & roadways lighting
- 9.3.1.2 Architectural lighting
- 9.3.1.3 Lighting for public places

10 LIGHTING CONTROL SYSTEM MARKET, BY COMMUNICATION PROTOCOL

10.1 INTRODUCTION

10.2 WIRED

10.2.1 POE PROTOCOL TO EXHIBIT HIGHEST GROWTH IN LIGHTING CONTROL SYSTEM MARKET FOR WIRED COMMUNICATION PROTOCOL DURING FORECAST PERIOD

- 10.2.1.1 Digital Addressable Lighting Interface (DALI)
- 10.2.1.2 Power line communication (PLC)
- 10.2.1.3 Power over Ethernet (POE)
- 10.2.1.4 Hybrid (Wired)
- 10.2.1.5 Others

10.3 WIRELESS

10.3.1 ZIGBEE EXPECTED TO DOMINATE LIGHTING CONTROL SYSTEM MARKET FOR WIRELESS COMMUNICATION PROTOCOL DURING FORECAST PERIOD

- 10.3.1.1 ZigBee
- 10.3.1.2 Bluetooth Low Energy (BLE)
- 10.3.1.3 EnOcean
- 10.3.1.4 Wi-Fi
- 10.3.1.5 6LoWPAN
- 10.3.1.6 Hybrid (Wireless)
- 10.3.1.7 Others

11 GEOGRAPHIC ANALYSIS

11.1 INTRODUCTION

11.2 NORTH AMERICA

11.2.1 US

11.2.1.1 US to hold major share of lighting control system market in North America during forecast period

11.2.2 CANADA

11.2.2.1 Outdoor lighting to drive the lighting control system market in Canada during forecast period

11.2.3 MEXICO

11.2.3.1 Government initiatives to implement energy-efficient lighting systems to drive lighting control system market in Mexico

11.3 EUROPE

11.3.1 UK

11.3.1.1 Demand for energy-saving lighting solutions for indoor application to drive lighting control system market in UK

11.3.2 GERMANY

11.3.2.1 Germany to hold major share of lighting control system market in Europe in 2018

11.3.3 FRANCE

11.3.3.1 Hardware segment of lighting control system market to hold major share in France during forecast period

11.3.4 ITALY

11.3.4.1 Outdoor lighting application to create demand for lighting control systems in Italy

11.3.5 SPAIN

11.3.5.1 Government regulations for reducing emissions driving adoption of lighting control systems in Spain

11.3.6 REST OF EUROPE

11.3.6.1 Rest of Europe to exhibit highest growth in European lighting control system market

11.3.6.1.1 Russia

11.3.6.1.2 Netherlands

11.3.6.1.3 Switzerland

11.3.6.1.4 Sweden

11.3.6.1.5 Poland

11.3.6.1.6 Norway

11.4 APAC

11.4.1 CHINA

11.4.1.1 Increasing government expenditure on public infrastructure to drive the

lighting control system market in China

11.4.2 JAPAN

11.4.2.1 Indoor lighting application to boost demand for lighting control systems in Japan

11.4.3 INDIA

11.4.3.1 Government support expected to drive lighting control system market in India

11.4.4 SOUTH KOREA

11.4.4.1 Energy efficiency labels & standard program expected to boost growth of lighting control systems in South Korea

11.4.5 REST OF APAC

11.4.5.1 Rest of APAC to witness rapid growth in market for outdoor application during forecast period

11.5 REST OF THE WORLD

11.5.1 MIDDLE EAST & AFRICA

11.5.1.1 Rapid growth in urbanization to drive lighting control system market

11.5.2 SOUTH AMERICA

11.5.2.1 South America to witness high growth in lighting control system market on back of indoor application

12 COMPETITIVE LANDSCAPE

12.1 OVERVIEW

12.2 LIGHTING CONTROL SYSTEM MARKET: MARKET RANKING ANALYSIS, 2018

12.3 COMPETITIVE SITUATIONS AND TRENDS

12.3.1 PRODUCT LAUNCHES & DEVELOPMENTS

12.3.2 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS, CONTRACTS, AND JOINT VENTURES

12.3.3 MERGERS & ACQUISITIONS

12.4 COMPETITIVE LEADERSHIP MAPPING

12.4.1 VISIONARY LEADERS

12.4.2 DYNAMIC DIFFERENTIATORS

12.4.3 INNOVATORS

12.4.4 EMERGING COMPANIES

13 COMPANY PROFILES

13.1 INTRODUCTION

(Business Overview, Products Offered, Recent Developments, SWOT Analysis, and

MnM View)*

13.2 KEY PLAYERS

13.2.1 SIGNIFY HOLDING (PHILIPS LIGHTING)

13.2.2 LEGRAND S.A.

13.2.3 EATON CORPORATION PLC

13.2.4 GENERAL ELECTRIC COMPANY (CURRENT-POWERED BY GE)

13.2.5 OSRAM LICHT AG

13.2.6 ACUITY BRANDS, INC.

13.2.7 LUTRON ELECTRONICS CO., INC.

13.2.8 SCHNEIDER ELECTRIC SE

13.2.9 HONEYWELL INTERNATIONAL INC.

13.2.10 IDEAL INDUSTRIES, INC.

13.2.11 HUBBELL INCORPORATED

13.3 OTHER IMPORTANT PLAYERS

13.3.1 LEVITON MANUFACTURING COMPANY, INC.

13.3.2 DIALIGHT PLC

13.3.3 HELVAR

13.3.4 ZUMTOBEL GROUP

13.4 KEY INNOVATORS

13.4.1 LIGHTWAVERF PLC

13.4.2 RAB LIGHTING INC.

13.4.3 SYNAPSE WIRELESS, INC. (MCWANE, INC.)

13.4.4 PANASONIC

13.4.5 ADESTO TECHNOLOGIES (ECHELON CORPORATION)

*Details on Business Overview, Products Offered, Recent Developments, SWOT Analysis, and MnM View might not be captured in case of unlisted companies.

14 APPENDIX

14.1 INSIGHTS FROM INDUSTRY EXPERTS

14.2 DISCUSSION GUIDE

14.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

14.4 AVAILABLE CUSTOMIZATION

14.5 RELATED REPORTS

14.6 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 LIGHTING CONTROL SYSTEM MARKET, BY INSTALLATION TYPE, 2016—2024 (USD BILLION)

TABLE 2 LIGHTING CONTROL SYSTEM MARKET FOR NEW INSTALLATIONS, BY REGION, 2016—2024 (USD MILLION)

TABLE 3 LIGHTING CONTROL SYSTEM MARKET FOR RETROFIT INSTALLATIONS, BY REGION, 2016—2024 (USD MILLION)

TABLE 4 LIGHTING CONTROL SYSTEM MARKET, BY OFFERING, 2016—2024 (USD BILLION)

TABLE 5 LIGHTING CONTROL SYSTEM MARKET FOR HARDWARE, BY DEVICE TYPE, 2016—2024 (USD MILLION)

TABLE 6 LIGHTING CONTROL SYSTEM MARKET FOR SWITCHES, BY TYPE, 2016—2024 (USD BILLION)

TABLE 7 LIGHTING CONTROL SYSTEM MARKET FOR DIMMERS, BY TYPE, 2016—2024 (USD MILLION)

TABLE 8 LIGHTING CONTROL SYSTEM MARKET FOR HARDWARE, BY REGION, 2016—2024 (USD MILLION)

TABLE 9 LIGHTING CONTROL SYSTEM MARKET FOR HARDWARE IN NORTH AMERICA, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 10 LIGHTING CONTROL SYSTEM MARKET FOR HARDWARE IN EUROPE, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 11 LIGHTING CONTROL SYSTEM MARKET FOR HARDWARE IN APAC, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 12 LIGHTING CONTROL SYSTEM MARKET FOR HARDWARE IN ROW, BY REGION, 2016—2024 (USD MILLION)

TABLE 13 LIGHTING CONTROL SYSTEM MARKET FOR SOFTWARE, BY DEPLOYMENT TYPE, 2016—2024 (USD MILLION)

TABLE 14 LIGHTING CONTROL SYSTEM MARKET FOR SOFTWARE, BY REGION, 2016—2024 (USD MILLION)

TABLE 15 LIGHTING CONTROL SYSTEM FOR SOFTWARE IN NORTH AMERICA, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 16 LIGHTING CONTROL SYSTEM FOR SOFTWARE IN EUROPE, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 17 LIGHTING CONTROL SYSTEM FOR SOFTWARE IN APAC, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 18 LIGHTING CONTROL SYSTEM FOR SOFTWARE IN ROW, BY REGION,

2016—2024 (USD MILLION)

TABLE 19 LIGHTING CONTROL SYSTEM MARKET FOR SERVICES, BY SERVICE TYPE, 2016—2024 (USD MILLION)

TABLE 20 LIGHTING CONTROL SYSTEM MARKET FOR SERVICES, BY REGION, 2016—2024 (USD MILLION)

TABLE 21 LIGHTING CONTROL SYSTEM SERVICES MARKET IN NORTH AMERICA, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 22 LIGHTING CONTROL SYSTEM MARKET FOR SERVICES IN EUROPE, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 23 LIGHTING CONTROL SYSTEM MARKET FOR SERVICES IN APAC, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 24 LIGHTING CONTROL SYSTEM MARKET FOR SERVICES IN ROW, BY REGION, 2016—2024 (USD MILLION)

TABLE 25 LIGHTING CONTROL SYSTEM MARKET, BY END-USE APPLICATION, 2016—2024 (USD BILLION)

TABLE 26 LIGHTING CONTROL SYSTEM MARKET, BY INDOOR APPLICATION, 2016—2024 (USD MILLION)

TABLE 27 LIGHTING CONTROL SYSTEM MARKET FOR INDOOR APPLICATION, BY REGION, 2016—2024, USD (BILLION)

TABLE 28 LIGHTING CONTROL SYSTEM MARKET FOR RESIDENTIAL INDOOR APPLICATION, BY REGION, 2016—2024 (USD MILLION)

TABLE 29 LIGHTING CONTROL SYSTEM MARKET FOR COMMERCIAL INDOOR APPLICATION, BY REGION, 2016—2024, (USD MILLION)

TABLE 30 LIGHTING CONTROL SYSTEM MARKET FOR INDUSTRIAL INDOOR APPLICATION, BY REGION, 2016—2024 (USD MILLION)

TABLE 31 LIGHTING CONTROL SYSTEM MARKET FOR OTHER INDOOR APPLICATION, BY REGION, 2016—2024 (USD MILLION)

TABLE 32 LIGHTING CONTROL SYSTEM MARKET FOR OUTDOOR APPLICATION, BY TYPE, 2016—2024 (USD MILLION)

TABLE 33 LIGHTING CONTROL SYSTEM MARKET FOR OUTDOOR APPLICATION, BY REGION, 2016—2024 (USD MILLION)

TABLE 34 LIGHTING CONTROL SYSTEM MARKET FOR HIGHWAYS & ROADWAYS LIGHTING APPLICATION, BY REGION, 2016—2024 (USD MILLION)

TABLE 35 LIGHTING CONTROL SYSTEM MARKET FOR ARCHITECTURAL LIGHTING APPLICATION, BY REGION, 2016—2024 (USD MILLION)

TABLE 36 LIGHTING CONTROL SYSTEM MARKET FOR LIGHTING OF PUBLIC PLACES, BY REGION, 2016—2024 (USD MILLION)

TABLE 37 LIGHTING CONTROL SYSTEM MARKET, BY COMMUNICATION PROTOCOL, 2016—2024 (USD BILLION)

TABLE 38 LIGHTING CONTROL SYSTEM MARKET, BY WIRED COMMUNICATION PROTOCOL, 2016—2024 (USD MILLION)

TABLE 39 LIGHTING CONTROL SYSTEM MARKET, BY WIRELESS COMMUNICATION PROTOCOL, 2016—2024 (USD MILLION)

TABLE 40 LIGHTING CONTROL SYSTEM MARKET, BY REGION, 2016—2024 (USD BILLION)

TABLE 41 LIGHTING CONTROL SYSTEM MARKET IN NORTH AMERICA, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 42 LIGHTING CONTROL SYSTEM MARKET IN NORTH AMERICA, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 43 LIGHTING CONTROL SYSTEM MARKET IN NORTH AMERICA, BY INDOOR APPLICATION, 2016—2024 (USD MILLION)

TABLE 44 LIGHTING CONTROL SYSTEM MARKET IN NORTH AMERICA, BY OUTDOOR APPLICATION, 2016—2024 (USD MILLION)

TABLE 45 LIGHTING CONTROL SYSTEM MARKET IN NORTH AMERICA, BY INSTALLATION TYPE, 2016—2024 (USD MILLION)

TABLE 46 LIGHTING CONTROL SYSTEM MARKET IN NORTH AMERICA, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 47 LIGHTING CONTROL SYSTEM MARKET IN US, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 48 LIGHTING CONTROL SYSTEM MARKET IN US, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 49 LIGHTING CONTROL SYSTEM MARKET IN US, BY INSTALLATION TYPE, 2016—2024 (USD MILLION)

TABLE 50 LIGHTING CONTROL SYSTEM MARKET IN CANADA, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 51 LIGHTING CONTROL SYSTEM MARKET IN CANADA, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 52 LIGHTING CONTROL SYSTEM MARKET IN MEXICO, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 53 LIGHTING CONTROL SYSTEM MARKET IN MEXICO, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 54 LIGHTING CONTROL SYSTEM MARKET IN EUROPE, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 55 LIGHTING CONTROL SYSTEM MARKET IN EUROPE, BY APPLICATION, 2016—2024 (USD MILLION)

TABLE 56 LIGHTING CONTROL SYSTEM MARKET IN EUROPE, BY INDOOR APPLICATION, 2016—2024 (USD MILLION)

TABLE 57 LIGHTING CONTROL SYSTEM MARKET IN EUROPE, BY OUTDOOR

APPLICATION, 2016—2024 (USD MILLION)

TABLE 58 LIGHTING CONTROL SYSTEM MARKET IN EUROPE, BY INSTALLATION TYPE, 2016—2024 (USD BILLION)

TABLE 59 LIGHTING CONTROL SYSTEM MARKET IN EUROPE, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 60 LIGHTING CONTROL SYSTEM MARKET IN UK, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 61 LIGHTING CONTROL SYSTEM MARKET IN UK, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 62 LIGHTING CONTROL SYSTEM MARKET IN UK, BY INSTALLATION TYPE, 2016—2024 (USD MILLION)

TABLE 63 LIGHTING CONTROL SYSTEM MARKET IN GERMANY, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 64 LIGHTING CONTROL SYSTEM MARKET IN GERMANY, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 65 LIGHTING CONTROL SYSTEM MARKET IN GERMANY, BY INSTALLATION TYPE, 2016—2024 (USD MILLION)

TABLE 66 LIGHTING CONTROL SYSTEM MARKET IN FRANCE, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 67 LIGHTING CONTROL SYSTEM MARKET IN FRANCE, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 68 LIGHTING CONTROL SYSTEM MARKET IN ITALY, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 69 LIGHTING CONTROL SYSTEM MARKET IN ITALY, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 70 LIGHTING CONTROL SYSTEM MARKET IN SPAIN, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 71 LIGHTING CONTROL SYSTEM MARKET IN SPAIN, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 72 LIGHTING CONTROL SYSTEM MARKET IN REST OF EUROPE, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 73 LIGHTING CONTROL SYSTEM MARKET IN REST OF EUROPE, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 74 LIGHTING CONTROL SYSTEM MARKET IN REST OF EUROPE, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 75 LIGHTING CONTROL SYSTEM MARKET IN APAC, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 76 LIGHTING CONTROL SYSTEM MARKET IN APAC, BY APPLICATION, 2016—2024 (USD BILLION)

TABLE 77 LIGHTING CONTROL SYSTEM MARKET IN APAC, BY INDOOR APPLICATION, 2016—2024 (USD MILLION)

TABLE 78 LIGHTING CONTROL SYSTEM MARKET IN APAC, BY OUTDOOR APPLICATION, 2016—2024 (USD MILLION)

TABLE 79 LIGHTING CONTROL SYSTEM MARKET IN APAC, BY INSTALLATION TYPE, 2016—2024 (USD BILLION)

TABLE 80 LIGHTING CONTROL SYSTEM MARKET IN APAC, BY COUNTRY, 2016—2024 (USD MILLION)

TABLE 81 LIGHTING CONTROL SYSTEM MARKET IN CHINA, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 82 LIGHTING CONTROL SYSTEM MARKET IN CHINA, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 83 LIGHTING CONTROL SYSTEM MARKET IN CHINA, BY INSTALLATION TYPE, 2016—2024 (USD MILLION)

TABLE 84 LIGHTING CONTROL SYSTEM MARKET IN JAPAN, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 85 LIGHTING CONTROL SYSTEM MARKET IN JAPAN, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 86 LIGHTING CONTROL SYSTEM MARKET IN INDIA, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 87 LIGHTING CONTROL SYSTEM MARKET IN INDIA, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 88 LIGHTING CONTROL SYSTEM MARKET IN SOUTH KOREA, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 89 LIGHTING CONTROL SYSTEM MARKET IN SOUTH KOREA, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 90 LIGHTING CONTROL SYSTEM MARKET IN REST OF APAC, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 91 LIGHTING CONTROL SYSTEM MARKET IN REST OF APAC, BY END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 92 LIGHTING CONTROL SYSTEM MARKET IN ROW, BY OFFERING, 2016—2024 (USD MILLION)

TABLE 93 LIGHTING CONTROL SYSTEM MARKET IN ROW, BY APPLICATION, 2016—2024 (USD MILLION)

TABLE 94 LIGHTING CONTROL SYSTEM MARKET IN ROW, BY INDOOR APPLICATION, 2016—2024 (USD MILLION)

TABLE 95 LIGHTING CONTROL SYSTEM MARKET IN ROW, BY OUTDOOR APPLICATION, 2016—2024 (USD MILLION)

TABLE 96 LIGHTING CONTROL SYSTEM MARKET IN ROW, BY INSTALLATION

TYPE, 2016—2024 (USD MILLION)

TABLE 97 LIGHTING CONTROL SYSTEM MARKET IN ROW, BY REGION,
2016—2024 (USD MILLION)

TABLE 98 LIGHTING CONTROL SYSTEM MARKET IN MIDDLE EAST & AFRICA, BY
OFFERING, 2016—2024 (USD MILLION)

TABLE 99 LIGHTING CONTROL SYSTEM MARKET IN MIDDLE EAST & AFRICA, BY
END-USE APPLICATION, 2016—2024 (USD MILLION)

TABLE 100 LIGHTING CONTROL SYSTEM MARKET IN MIDDLE EAST & AFRICA,
BY INSTALLATION TYPE, 2016—2024 (USD MILLION)

TABLE 101 LIGHTING CONTROL SYSTEM MARKET IN SOUTH AMERICA, BY
OFFERING, 2016—2024 (USD MILLION)

TABLE 102 LIGHTING CONTROL SYSTEM MARKET IN SOUTH AMERICA, BY END-
USE APPLICATION, 2016—2024 (USD MILLION)

List Of Figures

LIST OF FIGURES

FIGURE 1 LIGHTING CONTROL SYSTEM MARKET: MARKET SEGMENTATION

FIGURE 2 LIGHTING CONTROL SYSTEM MARKET: PROCESS FLOW OF MARKET SIZE ESTIMATION

FIGURE 3 LIGHTING CONTROL SYSTEM MARKET: RESEARCH DESIGN

FIGURE 4 BOTTOM-UP APPROACH TO ARRIVE AT MARKET SIZE

FIGURE 5 TOP-DOWN APPROACH TO ARRIVE AT MARKET SIZE

FIGURE 6 DATA TRIANGULATION

FIGURE 7 ASSUMPTIONS OF RESEARCH STUDY

FIGURE 8 NEW INSTALLATIONS TO HOLD LARGER SIZE OF LIGHTING CONTROL SYSTEM MARKET DURING FORECAST PERIOD

FIGURE 9 LIGHTING CONTROL SYSTEM MARKET FOR SERVICES EXPECTED TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 10 LIGHTING CONTROL SYSTEM MARKET FOR WIRELESS COMMUNICATION PROTOCOLS EXPECTED TO GROW AT HIGHER CAGR DURING FORECAST PERIOD

FIGURE 11 APAC HELD MAJOR SHARE OF LIGHTING CONTROL SYSTEM MARKET IN 2018

FIGURE 12 LIGHTING CONTROL SYSTEM MARKET EXPECTED TO EXHIBIT HIGH GROWTH FROM 2019 TO 2024

FIGURE 13 LIGHTING CONTROL SYSTEM FOR HARDWARE TO HOLD LARGEST SHARE DURING FORECAST PERIOD

FIGURE 14 LIGHTING CONTROL SYSTEM MARKET FOR NEW INSTALLATIONS TO HOLD LARGER SIZE DURING FORECAST PERIOD

FIGURE 15 INDOOR APPLICATION TO HOLD LARGER SIZE OF LIGHTING CONTROL SYSTEM MARKET DURING FORECAST PERIOD

FIGURE 16 LIGHTING CONTROL SYSTEM MARKET FOR COMMERCIAL APPLICATION TO HOLD LARGEST SIZE IN 2024

FIGURE 17 HIGHWAYS AND ROADWAYS LIGHTING TO ACCOUNT FOR LARGEST MARKET SIZE DURING FORECAST PERIOD

FIGURE 18 APAC TO ACCOUNT FOR LARGEST SIZE OF LIGHTING CONTROL SYSTEM MARKET DURING FORECAST PERIOD

FIGURE 19 GOVERNMENT INITIATIVES AND POLICIES TO DRIVE LIGHTING CONTROL SYSTEM MARKET

FIGURE 20 SMART CITIES MARKET (USD BILLION)

FIGURE 21 LIGHTING CONTROL SYSTEM MARKET: VALUE CHAIN ANALYSIS

FIGURE 22 LEADING TRENDS IN LIGHTING CONTROL SYSTEM MARKET

FIGURE 23 LIGHTING CONTROL SYSTEM MARKET, BY INSTALLATION TYPE

FIGURE 24 NEW INSTALLATIONS TO HOLD LARGER SIZE DURING FORECAST PERIOD

FIGURE 25 APAC TO HOLD LARGEST SIZE OF LIGHTING CONTROL SYSTEM MARKET FOR NEW INSTALLATIONS DURING FORECAST PERIOD

FIGURE 26 LIGHTING CONTROL SYSTEM MARKET, BY OFFERING

FIGURE 27 LIGHTING CONTROL SYSTEM MARKET FOR SERVICES EXPECTED TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 28 LIGHTING CONTROL SYSTEM MARKET, BY HARDWARE

FIGURE 29 LIGHTING CONTROL SYSTEM MARKET FOR SENSORS TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 30 SHIPMENT OF ELECTRONIC SWITCHES TO GROW AT HIGHER CAGR DURING FORECAST PERIOD

FIGURE 31 LIGHTING CONTROL SYSTEM MARKET, BY SOFTWARE

FIGURE 32 LIGHTING CONTROL SYSTEM MARKET, BY SERVICE

FIGURE 33 LIGHTING CONTROL SYSTEM MARKET, BY END-USE APPLICATION

FIGURE 34 INDOOR APPLICATION TO HOLD LARGER SIZE OF LIGHTING CONTROL SYSTEM MARKET DURING FORECAST PERIOD

FIGURE 35 RESIDENTIAL INDOOR APPLICATION HELD LARGEST SIZE OF LIGHTING CONTROL SYSTEM MARKET IN 2018

FIGURE 36 HIGHWAYS & ROADWAYS LIGHTING TO HOLD LARGER SIZE OF LIGHTING CONTROL SYSTEM MARKET FOR OUTDOOR APPLICATION DURING FORECAST PERIOD

FIGURE 37 LIGHTING CONTROL SYSTEM MARKET, BY COMMUNICATION PROTOCOL

FIGURE 38 LIGHTING CONTROL SYSTEM MARKET FOR WIRELESS COMMUNICATION PROTOCOLS TO GROW AT HIGHER CAGR DURING FORECAST PERIOD

FIGURE 39 DALI PROTOCOL TO HOLD LARGEST SIZE OF LIGHTING CONTROL SYSTEM MARKET FOR WIRED COMMUNICATION PROTOCOL DURING FORECAST PERIOD

FIGURE 40 LIGHTING CONTROL SYSTEM MARKET FOR BLE WIRELESS PROTOCOL TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 41 LIGHTING CONTROL SYSTEM MARKET, BY GEOGRAPHY

FIGURE 42 LIGHTING CONTROL SYSTEM MARKET, GEOGRAPHIC SNAPSHOT

FIGURE 43 SNAPSHOT: LIGHTING CONTROL SYSTEM MARKET IN NORTH AMERICA

FIGURE 44 MARKET FOR COMMERCIAL END-USE APPLICATION IN NORTH

AMERICA EXPECTED TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD
FIGURE 45 US TO ACCOUNT FOR LARGEST SIZE OF LIGHTING CONTROL SYSTEM MARKET IN NORTH AMERICA DURING FORECAST PERIOD
FIGURE 46 SNAPSHOT: LIGHTING CONTROL SYSTEM MARKET IN EUROPE
FIGURE 47 RESIDENTIAL INDOOR APPLICATION IN EUROPE HELD LARGEST SIZE OF LIGHTING CONTROL SYSTEM MARKET IN 2018
FIGURE 48 GERMANY TO HOLD LARGEST SIZE OF LIGHTING CONTROL SYSTEM MARKET IN EUROPE
FIGURE 49 SNAPSHOT: LIGHTING CONTROL SYSTEM MARKET IN APAC
FIGURE 50 RESIDENTIAL INDOOR APPLICATION IN APAC HELD LARGEST SIZE OF LIGHTING CONTROL SYSTEM MARKET IN 2018
FIGURE 51 LIGHTING CONTROL SYSTEM MARKET IN INDIA EXPECTED TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD
FIGURE 52 MIDDLE EAST & AFRICA EXPECTED TO HOLD LARGEST SIZE OF LIGHTING CONTROL SYSTEM MARKET IN ROW BY 2024
FIGURE 53 KEY DEVELOPMENTS BY LEADING PLAYERS IN MARKET FROM 2016 TO 2019
FIGURE 54 MARKET RANKING OF TOP 5 PLAYERS IN LIGHTING CONTROL SYSTEM MARKET, 2018
FIGURE 55 LIGHTING CONTROL SYSTEM MARKET (GLOBAL) COMPETITIVE LEADERSHIP MAPPING, 2018
FIGURE 56 SIGNIFY: COMPANY SNAPSHOT
FIGURE 57 LEGRAND: COMPANY SNAPSHOT
FIGURE 58 EATON CORPORATION PLC: COMPANY SNAPSHOT
FIGURE 59 GENERAL ELECTRIC COMPANY: COMPANY SNAPSHOT
FIGURE 60 OSRAM LICHT AG: COMPANY SNAPSHOT
FIGURE 61 ACUITY BRANDS: COMPANY SNAPSHOT
FIGURE 62 SCHNEIDER ELECTRIC: COMPANY SNAPSHOT
FIGURE 63 HONEYWELL INTERNATIONAL INC.: COMPANY SNAPSHOT
FIGURE 64 HUBBELL INCORPORATED: COMPANY SNAPSHOT

I would like to order

Product name: Lighting Control System Market by Installation Type (New and Retrofit), Offering (Hardware, Software, and Services), End-use Application (Indoor and Outdoor), Communication Protocol, and Geography - Global Forecast to 2024

Product link: <https://marketpublishers.com/r/LBD6561EB4FEN.html>

Price: US\$ 5,650.00 (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/LBD6561EB4FEN.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