# **Smart Lighting Systems Market Research**

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2022

# **NEURAL NETWORKS FOR BUILDINGS AND CITIES OF THE FUTURE**

Lighting control networks as conduits for IoT data flow in buildings and cities. Just a few years ago this would have sounded ridiculous, but the impact of IoT is transformational and has created an environment where we must approach things in new ways and operate without legacy burdens when evaluating solutions.

Lighting control systems have evolved in recent years to reflect the changing lighting needs of modern buildings, plants, infrastructure, and entertainment venues. Today's advanced lighting control systems can not only reduce energy costs, but also increase control, employee comfort, and productivity.

In addition, lower costs for data acquisition, edge-capable hardware, wireless technologies, and cloud-based management platforms have made intelligent lighting systems cost-effective for many small- to medium-size installations. A new generation of lighting innovators has created a paradigm shift within the industry, with lighting networks emerging as a logical option for IoT networks in buildings and cities.

For more information about this research, please contact your ARC Client Manager or visit us at www.arcweb.com/marketstudies/.

## STRATEGIC ISSUES

So how can suppliers increase their value proposition?

- Are different strategies required for new installations vs. retrofit?
- How do large vendors remain innova-
- How should cybersecurity be handled?
- How can vendors help customers overcome budget constraints?

# **RESEARCH FORMATS**

This research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF) with or without detailed charts.

#### **RESEARCH FOCUS AREAS**

### STRATEGIC ANALYSIS

Major Trends Regional Trends Strategic Recommendations

# **COMPETITIVE ANALYSIS**

Market Shares of the Leading Suppliers Market Shares by Region

North America

Europe, Middle East, Africa

Asia

Latin America

Market Shares by Revenue Category

Hardware

Controllers

Input Devices

Intelligent End Devices

**Network Communications** 

Software

Light Management Platforms

Programming & Configuration

Scheduling

**Embedded Control** 

Energy Management/Optimization

Services

**Project Services** 

On-Site Maintenance

Remote Monitoring/Maintenance

Market Shares by Facility Type

**Buildings** 

**Banking** 

Commercial Office

**Data Centers** 

Education

Government

Grocery/Convenience

Healthcare

Hospitality Retail

Entertainment

Casinos

Museums/Cultural

Stadiums

Theaters/Concert Halls

Industrial

Clean Rooms

Discrete Plants

Marine

**Process Plants** 

Infrastructure

Logistics

Street Lighting

Transportation

Market Shares by Sales Channel Market Shares by Customer Type Market Shares by Project Type Market Shares by Project Scope Market Shares by LED Controls

# **MARKET FORECASTS & HISTORIES**

**Total Shipments of Lighting Systems** 

Shipments by Region

Shipments by Revenue Category

Shipments by Facility Type Shipments by Sales Channel

Shipments by Customer Type

Shipments by Project Type

Shipments by Project Scope

Shipments by LED Controls

# **INDUSTRY PARTICIPANTS**

The research identifies all relevant suppliers serving this market.



