lumos
CONTROLS
A WISILICA BRAND

PRODUCT
OVERVIEW

CREATING INTELLIGENT SPACES

Easy to Specify   **Quick to Install**   **Simple to Use**

Head office

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For enquiries

sales@lumoscontrols.com | +1 949-397-9330

CHOOSE SMARTNESS TO SIMPLIFY EVERY STAGE OF YOUR JOURNEY
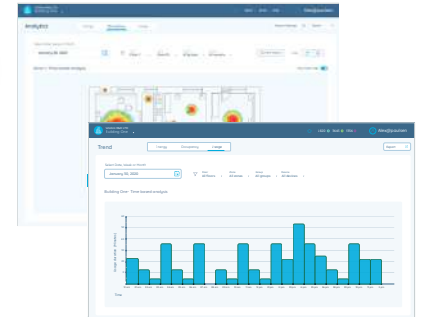
AUTOMATE LIGHTING
- Daylight Harvesting
- Occupancy Sensing
- Time Scheduling
- Code Compliance

INSIGHTFUL ANALYTICAL DATA
- Energy Management
- Device Usage Reports
- Space Management

GO WIRELESS
- Manual Control
- Wireless Dimming

EXPAND BEYOND CONTROLS
- Asset & People Tracking
- Smart Workspace

ANY BUILDING, ANY SYSTEM

- Integrate with any BMS
- Smart Emergency
- Green Building

DEVICE PORTFOLIO

CONTROLLERS

0-10V

Radiar AF10*
2 Channel AC powered 0-10V fixture controller with inbuilt relay

PSC-WCM-450-BLE-WS
Single channel AC powered 0-10V room controller with 20A rated relay

PHASE DIMMER

Omni TED
Trailing edge dimmer

DALI

Radiar AFD1/4
DALI 2.0 Controller with single/four drivers control

SWITCHES

Catron V
Wireless 5 button remote

Wireless self powered 4/2 button switch

Dimmer wall switch with motion sensor

AC powered 1 button wall switch

Catron AI
AC powered switch interface for push button, toggle, and rotary switches

AC powered 4 button wall switch

AC powered 8 button wall switch

Wireless dual dial table mount rotary switch
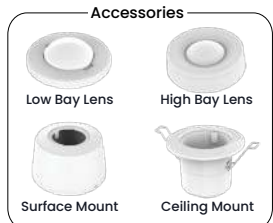
Wireless dual dial wall mount rotary switch

SENSORS

Cyrus AP
PIR motion & light sensor

Cyrus AM*
Microwave motion & light sensor

Accessories

Low Bay Lens

High Bay Lens

Surface Mount

Ceiling Mount

Cyrus F
DC powered fixture mount dual channel dimming motion & light sensor

PSC-BL-I-FM-DC0-BLE-WS
Single Channel Dimming PIR Motion Sensor

Cyrus AQ
Air Quality Sensor

REPEATER

Senor E
Beacon & range extender

GATEWAY

Enor E
Gateway with ethernet & RTC

Iris E
Edge gateway

Iris S
On premise server

MODULE

WIM 2480 E/C
Bluetooth-ready system-on-chip/ modules

SMART LED DRIVERS

Ldrive RAM Series
Constant Current LED Driver

DLC   openADR ALLIANCE   Bluetooth®   ISO ISO/IEC 27001:2013 Information security certified   VAPT Tested

*** IP rated junction box available**

EFFORTLESS SETUP & CONTROL

Lumos Controls offers an easy-to-use platform to create intelligent spaces at scale. From quick commissioning to remote updates, it supports large spaces, multiple buildings, and expanding networks - all from a single app.

- **Quick Commissioning**

  Fast installation and large-group commissioning made simple.

- **Feature-Rich Control**

  Control over individual or grouped devices from anywhere.

- **Smart Updates**

  Mesh OTA upgrades in the background and focus on what is important.

- **Easy Configuration**

  Easy and quick configuration of multiple devices.

- **Automated Lighting**

  Automate lighting with sensor association and scheduling.

- **Proactive Maintenance**

  Monitor device health to stay ahead

Need help with lighting control specification or commissioning? Our expert team can assist you with project-ready documents and setup support.
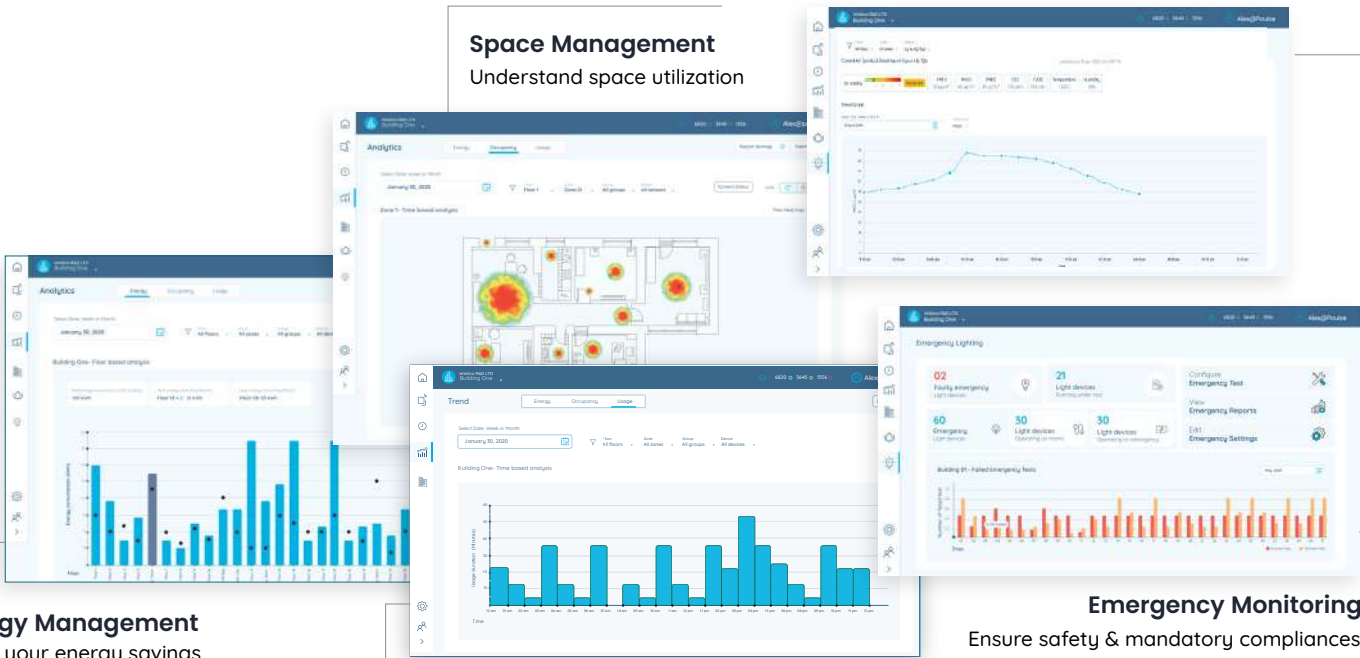
ANALYTICAL REPORTS

Get reports to plan your next course of action!

Air Quality Report
Ensure clean air across your spaces

Space Management
Understand space utilization

Energy Management
Know your energy savings

Device Usage Reports
Monitor the usage of your devices

Emergency Monitoring
Ensure safety & mandatory compliances

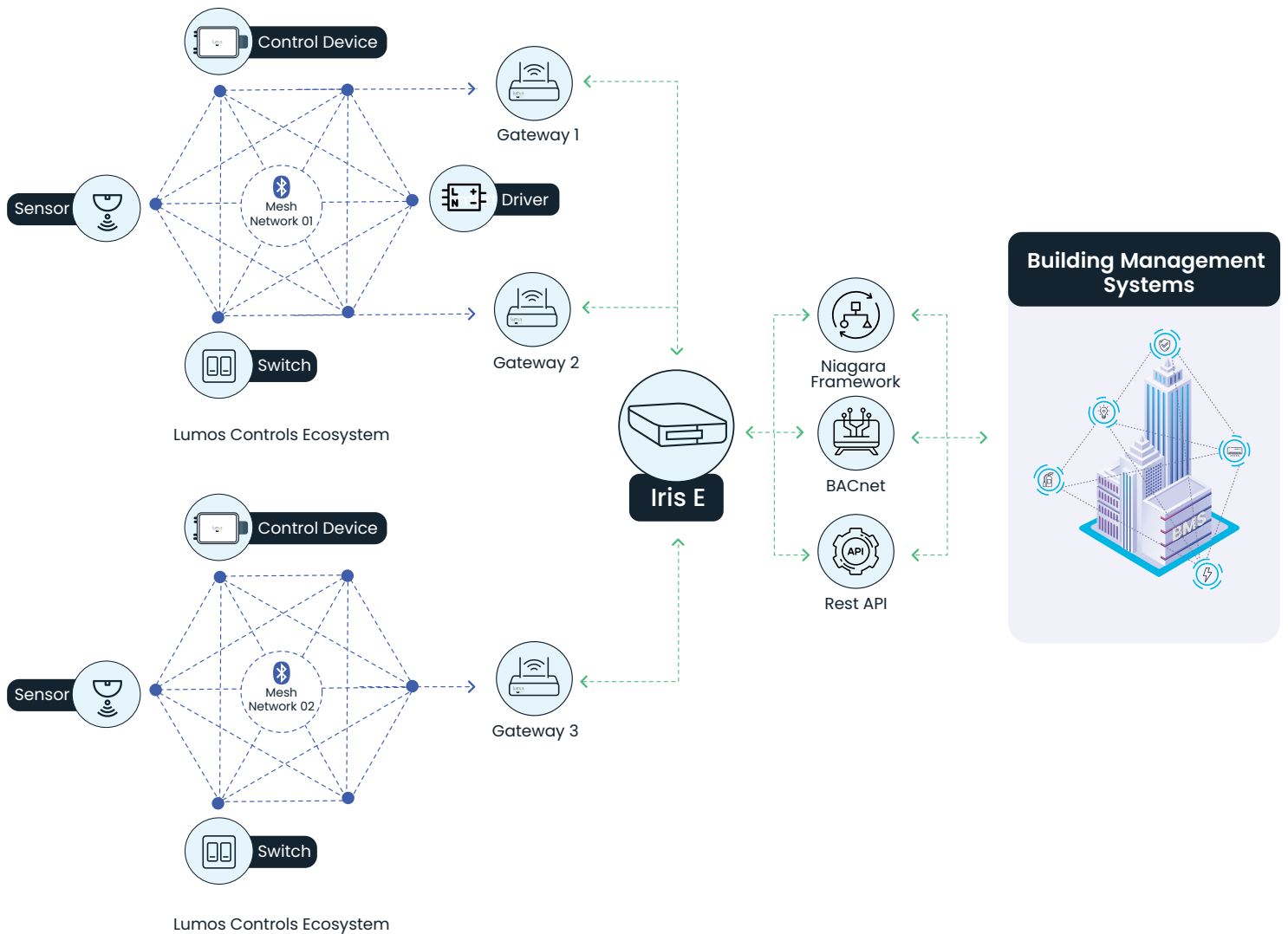# SMART CONTROLS INTEGRATION

Building Management System (BMS)

3rd Party System via RS232 & API

Open ADR

Google & Alexa

INTEGRATION WITH BUILDING MANAGEMENT SYSTEM.
ANY BUILDING, ANY SYSTEM

Control Device

Gateway 1

Sensor

Mesh Network 01

Driver

Switch

Gateway 2

Lumos Controls Ecosystem

Iris E

Niagara Framework

BACnet

Rest API

Building Management Systems

Control Device

Sensor

Mesh Network 02

Gateway 3

Switch

Lumos Controls Ecosystem

Flexible integration with **120+** BMS enables easy inter-operations.

SMART EMERGENCY LIGHTING SYSTEM

Meet occupant safety requirements in buildings and save on operational expenses with self testing emergency lighting system.
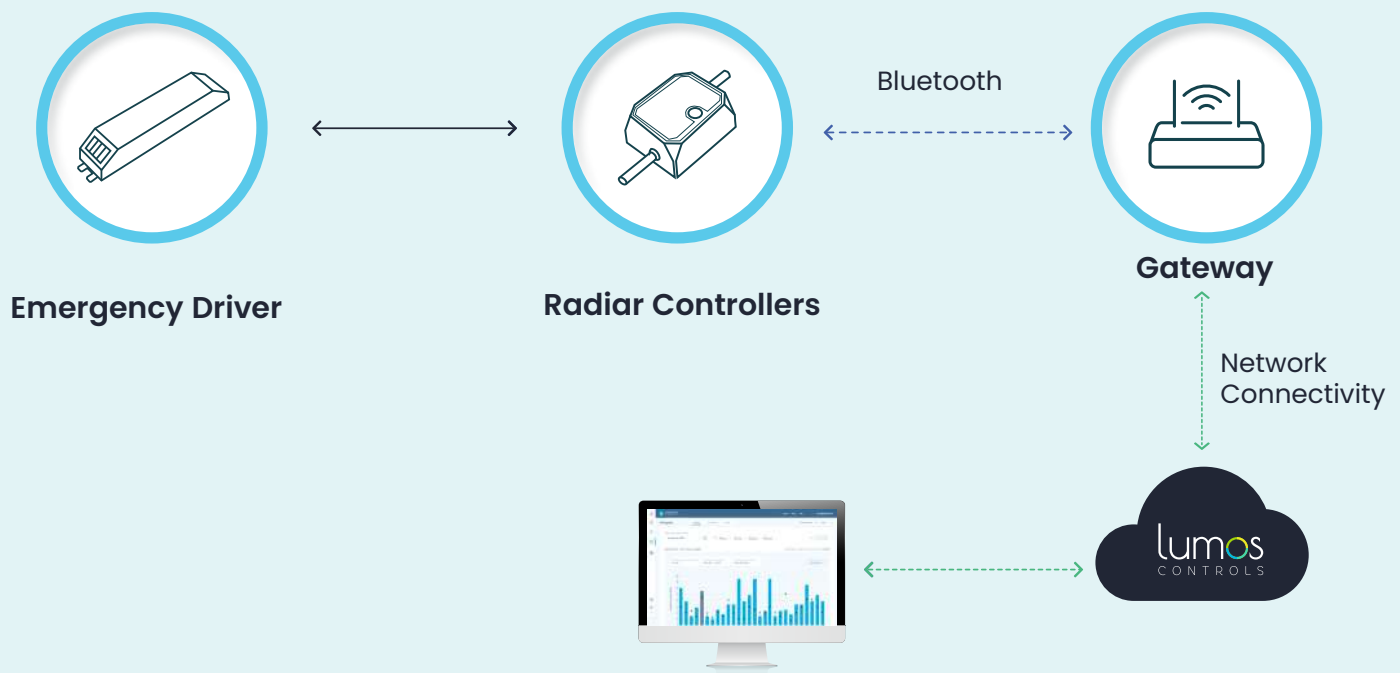
NFPA 101 - Life Safety Code

- 30-second test every 30 days.
- 90-minute duration test once a year.
- Record keeping and reporting to local authorities for compliance.

BS5266

- 3-hour illumination requirement during a power outage.
- Regular testing and maintenance for emergency lighting systems.
- Full compliance reports and certification for audits and legal purposes.

HOW IT WORKS?

Emergency Driver

Radiar Controllers

Bluetooth

Gateway

Network Connectivity

lumos CONTROLS

ENERGY CODE COMPLIANCE

ASHRAE®

TITLE 24

IECC®

BREEAM BRE GLOBAL

CODE FOR A SUSTAINABLE BUILT ENVIRONMENT

U.S. GREEN BUILDING COUNCIL LEED USGBC

energy

INTELLIGENT SPACE MANAGEMENT WITH AI-BASED LIGHTING

ANALYZE YOUR SPACE UTILIZATION IN DEPTH

▸ Efficient lighting management with accurate footfall data
   ▸ Precision lighting: illuminating required areas
   ▸ Visually appealing space
   ▸ Optimizing lighting numbers: maximum efficiency
▸ People counting made easy: unveiling space utilization patterns

IRIS S ON-PREMISE SOLUTION

Lumos Controls On-Premise Solution brings the power of the Lumos Controls cloud to your doorstep by offering unparalleled control, security, and functionality without relying on external servers. Tailored for installations with unique requirements, it ensures a robust and reliable lighting ecosystem. With this addition, every feature offered by Lumos Controls, including advanced features like schedules, sensor automation, BMS integration, Smart emergency lighting etc. can now be enabled without internet connectivity.
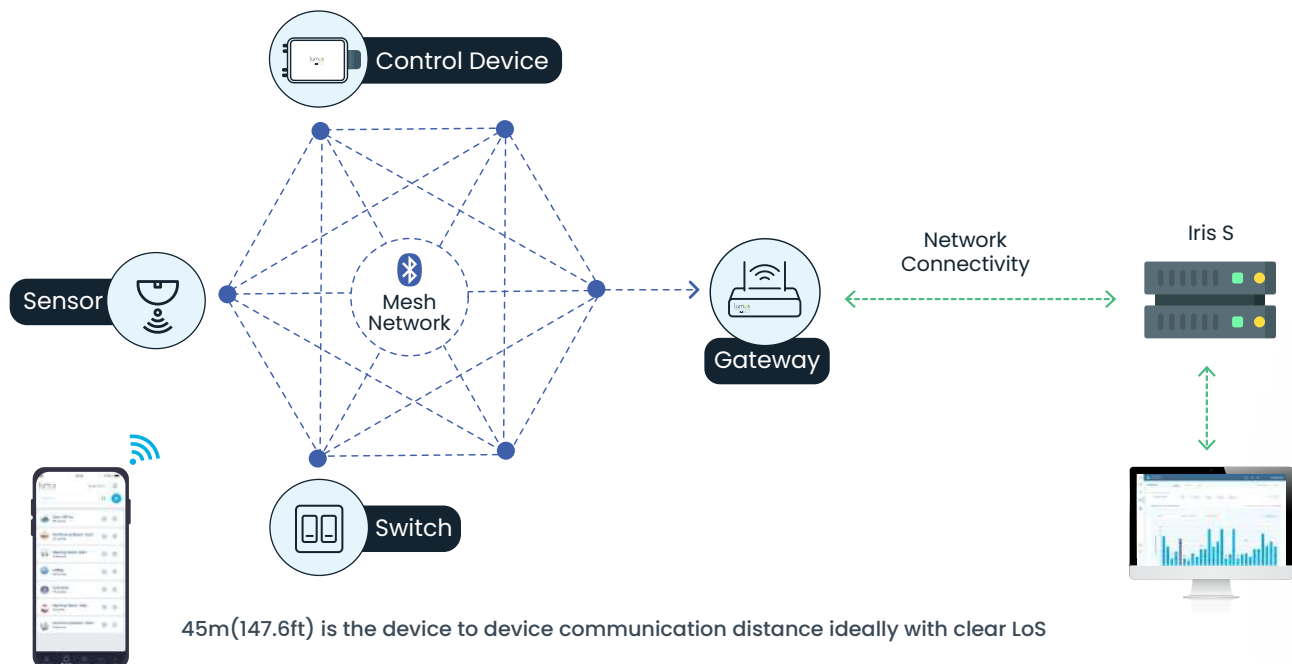
BENEFITS

| Data Security | → | Internet Independence | → | Reliability & Performance | → | Comprehensive Control |

Control Device

Sensor

Mesh Network

Switch

Gateway

Network Connectivity

Iris S

45m(147.6ft) is the device to device communication distance ideally with clear LoS

Residential

Offices

Manufacturing

Parking

Retail

Sports

SERBIA LUXE RESIDENCE HAVEN
BELGRADE, SERBIA

FOX ROTHSCHILD OFFICE
NEW YORK, US

CHANG'AN AUTOMOBILE
CHONGQING CITY, CHINA

MUNICIPALITY OF HELLEVOETSLUIS
HELLEVOETSLUIS, NETHERLANDS

CH PREMIER JEWELERS
CALIFORNIA, US

WAYNE GRETZKY ARENA
ONTARIO, CANADA

EBARA WAREHOUSE
CALIFORNIA, US

ROTOVA POLYGON
VALENCIA, SPAIN

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CONTROLS
A WISILICA BRAND

Warehouse

Street lights

VIETCOMBANK
HANOI, VIETNAM

MARRIOT VINPEARL HOTEL
CAN THO, VIETNAM

Museums

Hospitality

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