

LEDVANCE.COM  
2026



LEDVANCE



# LIGHT CONTROL AS YOU NEED IT

POWERED THROUGH  
FLEXIBILITY AND SCALABILITY



# POWER THROUGH LIGHT

With roots in OSRAM and more than 100 years of lighting expertise, LEDVANCE ranks among the world's leading lighting companies. Since 2016, we've combined innovation, reliability, and global reach to create smarter, more energy-efficient lighting solutions.



## A FULL RANGE OF LIGHTING ONE-STOP SHOP

We bring intelligent lighting control, lamps, luminaires and expert support together in one place. Our one stop shop, backed by dedicated specialists, makes the transition to dimmable and intelligent lighting solutions simple and hassle free.



## TOP SUPPORT FOR YOUR PROJECTS

From planning to implementation, LEDVANCE provides expert support for all applications including offices, industry, sports and retail. Our specialists ensure that every lighting project is delivered smoothly, efficiently and with the right solution for the job.



## LIGHT CONTROL FOR MORE SUSTAINABILITY

Our light control solutions help reduce energy use and emissions while improving comfort and well-being. With systems like VIVARES, we turn sustainable lighting into a practical reality today.

# PERFORMANCE AND WELL-BEING IN ACTION.

HOW REAL PROJECTS USE OUR SYSTEMS AND WHAT THEY CAN DO FOR YOU.

Intelligent lighting from LEDVANCE supports focus and well-being in no matter what the application: changing rooms of famous football clubs or modern offices. From Bayer 04 Leverkusen to Intercel in the Netherlands, intelligent light management creates the right light at the right place and time for empowering people.



## MODERN OFFICE IN AN INDUSTRIAL ENVIRONMENT

Smart lighting solution for a productive and pleasant workplace at Intercel – Netherland’s largest factory for customized lithium batteries and energy storage systems. Netherlands, Haarlem

DALI-2



Lighting controlled via MCU SELECT DALI-2.

## BAYARENA BAYER 04 LEVERKUSEN

Human-Centric Lighting luminaires by LEDVANCE support the physical and mental well-being and maximize the performance of Bayer 04 Leverkusen players. Germany, Leverkusen



Dr. Karl-Heinrich Dittmar  
Director of Medicine at Bayer 04 Leverkusen

*It really depends on the situation. In the changing room, for example, warm white light supports recovery after matches or training sessions, while cool white light can create a focussed atmosphere for discussions or promote concentration on the next opponent. We simply switch the light as required, so our team receives optimum support from LEDVANCE HCL luminaires.*



LEDVANCE  
BIO  
LUX



We turn Light Management into measurable performance.



10 YEARS OF  
LEDVANCE  
100 YEARS OF  
EXCELLENCE

# YOUR VISION. OUR LIGHT.



## WHY LIGHT MANAGEMENT?

Go beyond On/Off with Intelligent Light Management Systems (LMS).

LMS deliver the best light at the right time and place. Adaptive light boosts comfort, well-being and productivity.

From BIOLUX HCL systems that mimic natural daylight colours through the luminaires to simple plug and play options like DIRECT EASY, smart lighting transforms everyday spaces into healthier, more inspiring and more productive environments.

In an ageing society, intelligent lighting also improves safety and visibility, supporting people at every stage of life.

## REAL IMPACT



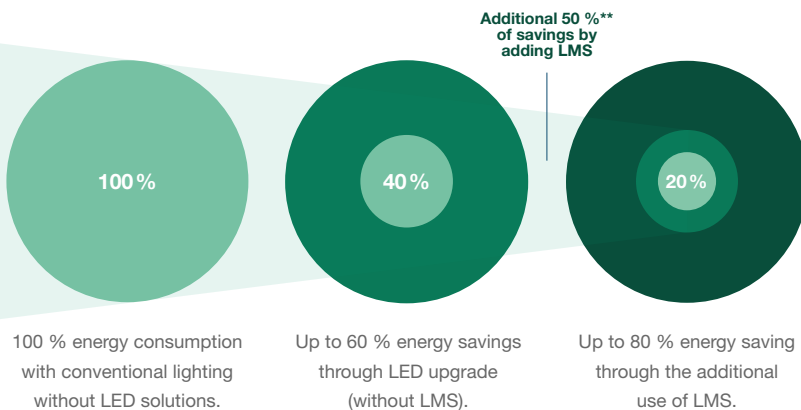
**+12 %<sup>\*1</sup>**  
PRODUCTIVITY



**+50 %<sup>\*1</sup>**  
HEALTH

- More comfort for humans
- More energy savings
- Better performance<sup>\*1</sup>

\*1 Achieved by Human Centric Lighting (HCL) solution. Source: [ecodesignconsultants.co.uk/healthy-buildings](http://ecodesignconsultants.co.uk/healthy-buildings)



## ENERGY SAVINGS THROUGH LMS

A standard LED upgrade delivers around 60 percent energy reduction. Adding a Light Management System can save up to an additional 50 % of the remaining energy costs.

# LIGHTING CONTROL

COMPLIANT WITH EUROPEAN DIRECTIVES

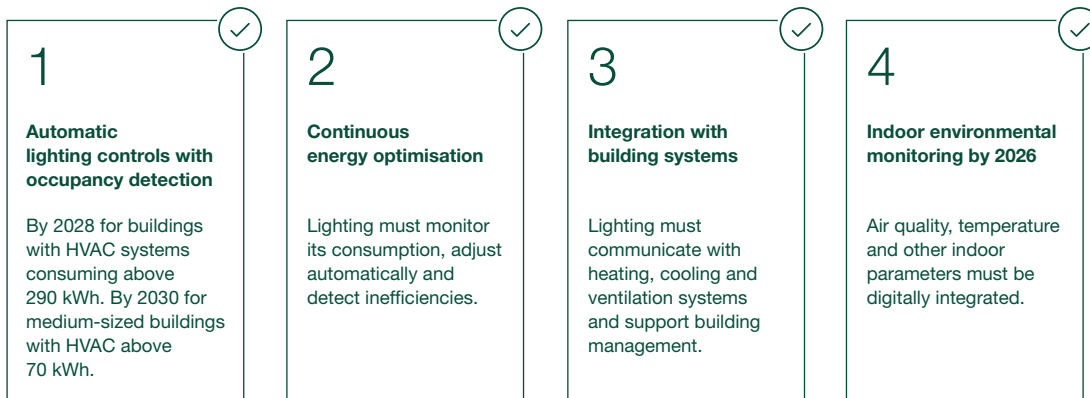
Buildings account for 40 % of Europe’s energy consumption, with lighting being a key factor. The Energy Performance of Buildings Directive (EPBD) **2024** sets strict efficiency rules, enforced from **2028**. Without intelligent light control and with pure sensor on/off combination only, buildings risk higher operating costs, reduced performance and non-compliance.



Upgrading to VIVARES lighting controls and DALI or Zigbee luminaires by LEDVANCE ensures your building is efficient, compliant, and future-ready.

## What it means for lighting in non-residential buildings?

To meet the new EPBD requirements, lighting systems in existing and newly built non-residential buildings must move from fixed, stand-alone setups to fully monitored and automated solutions. The directive defines clear timelines for smarter, more connected lighting.

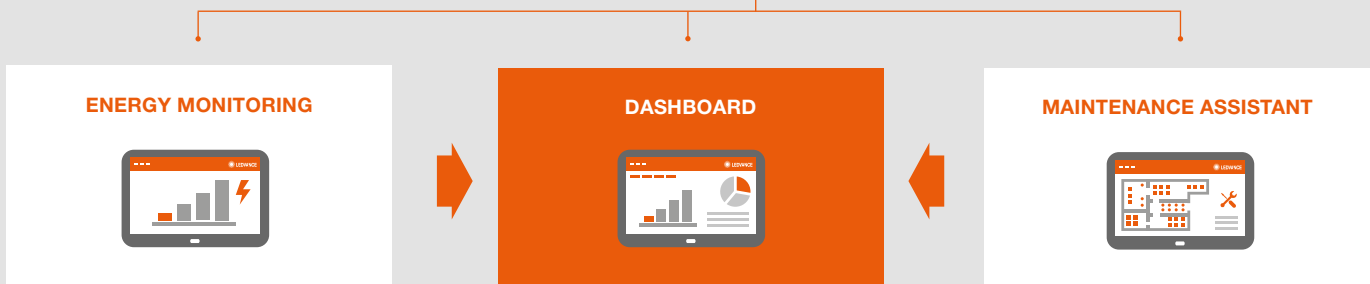


Source: Energy Performance of Buildings Directive as of December 2025  
[https://energy.ec.europa.eu/topics/energy-efficiency/energy-performance-buildings/energy-performance-buildings-directive\\_en](https://energy.ec.europa.eu/topics/energy-efficiency/energy-performance-buildings/energy-performance-buildings-directive_en)

## VIVARES CLOUD SERVICES

Always up to date with optional IoT services.

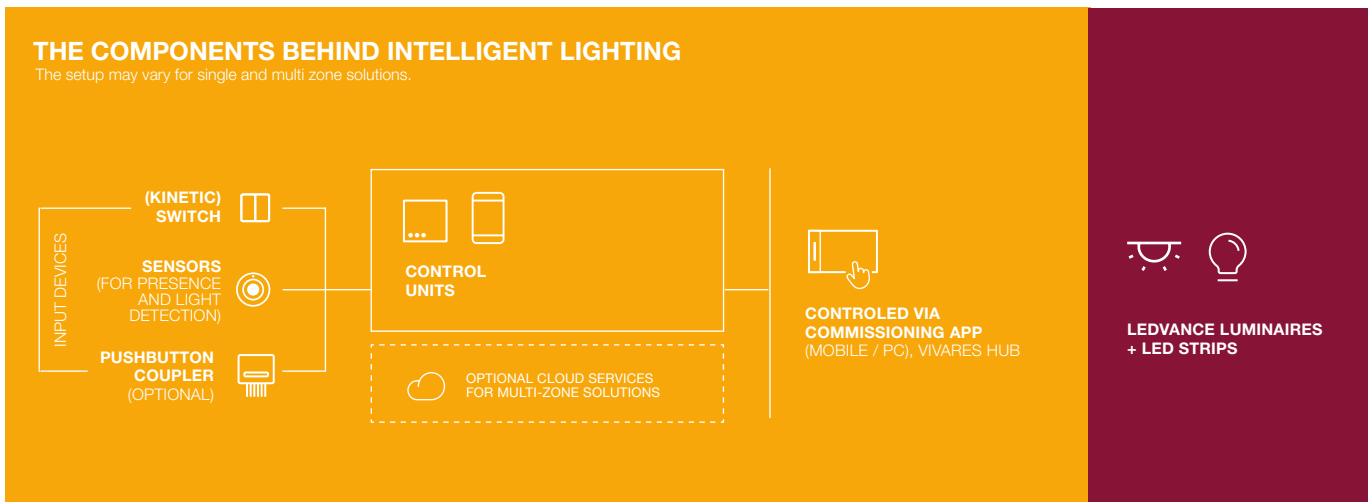
The optional VIVARES Cloud offers remote monitoring, energy optimisation and predictive maintenance. It helps reduce costs, extend the lifetime of your luminaires and keeps your lighting system up to date anywhere and at any time.



# LIGHT MANAGEMENT SIMPLIFIED BY LEDVANCE

With VIVARES systems, LEDVANCE makes light management effortless.

All components, from control units and luminaires to sensors and pushbutton couplers, come from one reliable source, ensuring full compatibility and seamless performance. Whether through simple plug and play setup or fully customisable solutions, configuration and commissioning are quick and intuitive.



## AT A GLANCE, WHAT'S IN FOR YOU?

### CONTROL

- LMS** Intelligent, based on sensors and programmed settings or manual
- ON/OFF** Manual switching by physical switches only

### ADAPTABILITY

- LMS** Automatic adjustment of light to daylight and movement
- ON/OFF** No response to changes within spaces

### ENERGY

- LMS** Savings through optimized and sensor-based lighting
- ON/OFF** More consumption due to lack of intelligent control

Whatever the challenge, we will find the most convenient, efficient and reliable solution for your spaces. DALI-2 components can be easily integrated into Zigbee projects. Both technologies also enable Human Centric Lighting for setting up a BIOLUX HCL system.

# CHOOSE YOUR STANDARD FLEXIBILITY BY DESIGN

VIVARES offers proven standards for intelligent light control, DALI 2, Zigbee 3.0 and Zigbee Direct. They provide reliability, comfort and Human Centric Lighting capabilities, making them the perfect fit for a wide range of projects.

## DALI-2

The solution for new buildings and renovations:

### WIRED CONTROL DALI-2

Wherever there is 5-cable wiring available the DALI industry standards are the most reliable dynamic lighting solutions. Controlling the light is also possible via App and Bluetooth.

## ZIGBEE

The solution for effortless refurbishment:

### WIRELESS CONTROL ZIGBEE

The wireless Zigbee standard is ideal for refurbishing buildings where no rewiring is needed or possible - a big advantage for historical or listed buildings.



# SERVICES TAILORED TO YOUR PROJECT

Our experts support you through every phase, from lighting design and planning to on site installation and instruction.

And because reliability matters, LEDVANCE provides comprehensive after sales service and a seven year system guarantee.



A LEDVANCE system comprises DALI or ZIGBEE luminaires, the respective control units and optional sensors or pushbutton couplers. No registration needed.

○ General Services

● Specification services by LEDVANCE PROJECT SERVICES



\*1 Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions

LIGHT MANAGEMENT THAT WORKS

# FROM CONCEPT TO REALITY



From the first idea to the final setup

*Every strong project starts with a concept, but it succeeds when the lighting performs in real conditions. We bring the knowledge, the systems and the support to make that happen.*

Get in touch and drive your vision into reality.

## SINGLE ZONE SOLUTION

COMFORT, FOCUS AND FLEXIBILITY

### POSSIBILITIES



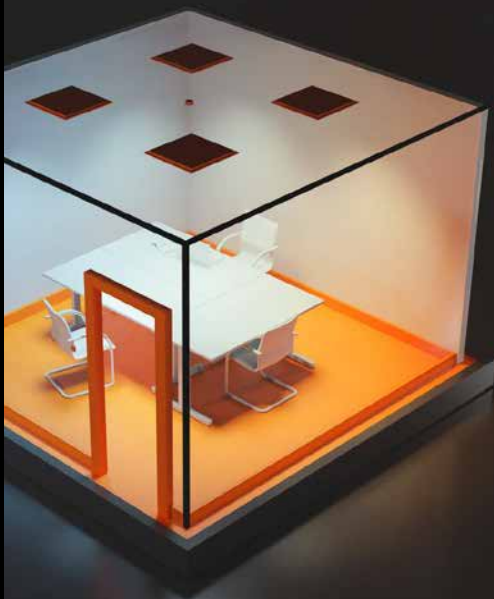
Manual or automated light control



From monochromatic to tunable white Zigbee luminaires or RGBW LED strips from the wide range of office solutions by LEDVANCE



Wired or wireless technology based on application needs



In spaces without natural daylight, lighting becomes more than illumination. It shapes the atmosphere. You may decide how, because LEDVANCE offers the full range from simple DALI MCU dimmers to holistic Human Centric Lighting solutions.

With a BIOLUX HCL system, the light automatically adapts to the rhythm of the day and to the requirements of different rooms, keeping brightness and colour natural and consistent.

With our new entry-level system DIRECT EASY, creating dimmable lighting solutions takes only minutes. Your meeting rooms do not need a gateway, IT infrastructure or additional wiring.

Whether brainstorming, presenting or collaborating, light scenes can be adjusted manually or automatically.

Areas of application:  
meetings rooms, employee areas,  
creative spaces, retail spaces and more

## YOUR VISION. OUR LIGHT CONTROL.

With the right planning, choosing a light management system instead of simple on/off solutions makes lighting not just functional, but truly effective where it matters. These examples show how smart control and Human Centric Lighting enhance comfort, safety and well-being, and offer inspiration for advancing your lighting designs.

# MULTI ZONE SOLUTION

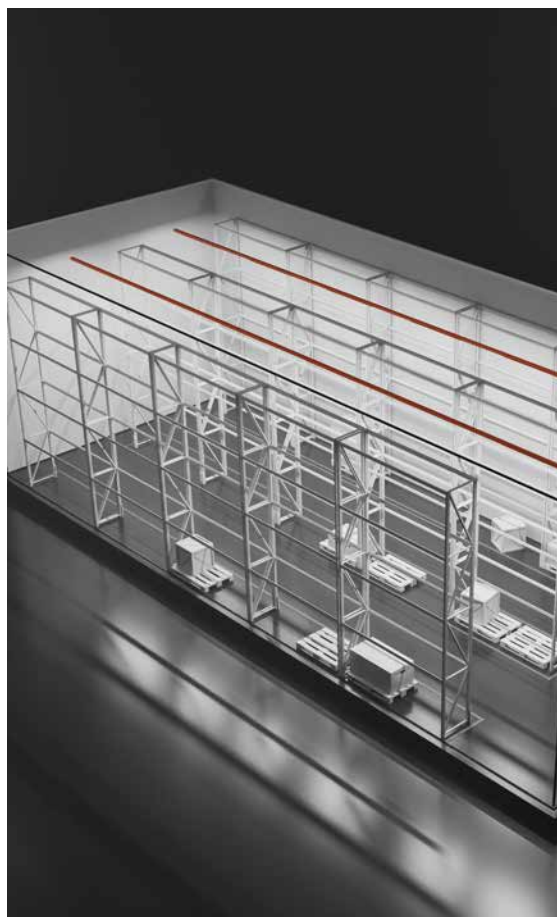
## DYNAMIC LIGHTING CONTROL FOR EFFICIENCY

Large scale areas such as production halls or warehouses require lighting that is precise, efficient and adaptive. With VIVARES DALI, the system automatically adjusts brightness and colour temperature according to daylight levels, occupancy and the defined working zones. This ensures optimal visibility and energy efficiency at all times.

The setup can control up to 200 luminaires, supplemented by sensors that react to motion and changing light levels. Each zone is illuminated only when needed, which reduces energy use and extends the lifetime of the luminaires.

All settings can be reconfigured at any time via PC tool or app, providing seamless flexibility for layout changes or new workflows.

Areas of application:  
industry halls, warehouses, floors,  
open plan offices and more



## POSSIBILITIES



Zone-based DALI-2 control for up to 200 luminaires with FLEX CONTROL UNITS from LEDVANCE



DALI-2 lights from the wide range of high bay luminaires and trunking systems for industry lighting



Automatic daylight and motion adjustment via e.g. High Bay Sensor



Flexible reconfiguration via PC tool or app



DALI-2 wired technology based on application

# LIGHTING PLANNER'S TIPS

## WAREHOUSE

- 1 Separate high bay shelf areas and pallet zones to create clear structures and ensure safe movement paths.
- 2 In high bay shelf aisles, use directional lighting and presence detection to illuminate only the active pathways.

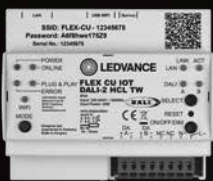


- 3 In open warehouse and pallet areas, apply wide beam lighting with presence detection and optional daylight sensors where natural light is available.
- 4 Combine motion and daylight sensing for efficient, demand based lighting that supports safety and reduces energy use.

## QUICK GUIDE TO OUR CONTROL UNITS

### VIVARES MULTI ZONE SOLUTIONS

Up to 1,000 m<sup>2</sup>



FLEX CONTROL UNIT  
IOT DALI-2 HCL TW

With capacity for up to 128 luminaires or components, the DALI 2 unit provides a robust, certified basis for wired and standards compliant light management.



VIVARES  
ZB CONTROL

Zigbee 3.0 enables wireless control of up to 200 luminaires or components, offering a flexible and scalable platform for modern lighting projects.

### FEATURED SINGLE ZONE SOLUTION

Up to 200 m<sup>2</sup>



### DIRECT EASY

Wireless Zigbee  
Direct Light Control

Control up to 40 luminaires with one app. Certified technology Zigbee 3.0, setup via Bluetooth.

INPUT DEVICES





## ACT SMARTER WITH LIGHT CONTROL FOR PROFESSIONALS

Office lighting supports comfort and focus, while industrial lighting ensures safety and efficiency. With VIVARES, advanced light control becomes easy to plan, install and manage across real projects and real spaces.

Light Planing Team of LEDVANCE, Vienna (Austria) is ready to support also your project



## OPEN OFFICE

- 1 Plan the room layout with enough space between desks to support spontaneous interaction and smooth movement.
- 2 Position desks flexibly and away from direct window exposure to avoid glare and make effective use of natural daylight.



- 3 Use light control for daylight harvesting, occupancy detection and consistent visual comfort throughout the day.
- 4 Increase comfort by allowing workers to personalise their light or benefit from Human Centric Lighting that follows the natural course of daylight.

GET OUR LMS SOLUTION MATRIX



### VIVARES SINGLE ZONE SOLUTIONS

Up to 200 m<sup>2</sup>

#### ONE ROOM. MANY SOLUTIONS.

VIVARES offers solutions for single rooms up to 200 square metres based on individually configured light management systems.

These range from simple manual control to combined manual and automatic control with app configuration and sensor support.

#### MANUAL CONTROL UNITS



DALI

#### MANUAL & AUTOMATED CONTROL UNITS



DALI

ZIGBEE BIOLUX HCL

# OUR LATEST UPDATE FOR INTELLIGENT LIGHT CONTROL



**WIRED LIGHT CONTROL**  
HIGH BAY SENSOR  
DALI-2 LS-PD-HB-21 IR CM



## RELAY & REPEATER

REPEATER DALI-2 CM  
REPEATER DALI-2 RM  
RELAY DALI-2 CM  
RELAY DALI-2 RM



**DIRECT EASY**  
CONTROL SIMPLIFIED  
Wireless Zigbee lighting control, no gateway, no wiring.



**LEDVANCE**

## ABOUT LEDVANCE

With subsidiaries in more than 50 countries and business activities in over 140 countries, LEDVANCE is one of the world's leading companies in the field of general lighting for professional customers and end users. Emerging from OSRAM's general lighting division, LEDVANCE's portfolio includes a wide range of LED luminaires for a variety of applications, intelligent lighting products for smart homes and smart buildings, one of the most comprehensive offerings of advanced LED lamps in the lighting industry, and traditional lamps.

For more information, visit [www.ledvance.com](http://www.ledvance.com).

