



# BETTER ILLUMINATED WITH A SYSTEM

## Schreiner Group GmbH & Co. KG, Oberschleißheim

### KEY FACTS

#### ENERGY EFFICIENTLY USED

Automatic adjustment to daylight and room usage: VIVARES Zigbee reduces energy consumption by up to 80% compared to conventional lighting.

#### EVENLY GOOD LIGHT

The use of modern LED lights enables a total energy cost savings of around 50%.

#### LOW EFFORT, HIGH COMFORT

VIVARES Zigbee convinces with easy installation, commissioning and user-oriented adjustment possible at any time via app.

#### LONG-TERM WORTHWHILE INVESTMENT

With extended system lifespan, significantly reduced power consumption, and a payback period of approximately three years, the purchase of the VIVARES Zigbee lighting management system pays off multiple times.

#### PANEL CMFT 625 P 33W 840 U19 ZBVR



#### VIVARES ZB SENSOR L/O VIVARES ZB CONTROL



# FLEXIBLE, EFFICIENT, INNOVATIVE: LED OFFICE LIGHTING WITH VIVARES ZIGBEE

**LEDVANCE equips the corporate headquarters of Schreiner Group in Oberschleißheim with LED panels in combination with the VIVARES Zigbee lighting management system. The result: individually perfectly tailored lighting with an 80% lower energy consumption.**

## THE CHALLENGE

Efficiency in modern businesses is no longer limited to organization and production; today, it also encompasses factors such as intelligent and demand-oriented lighting. Against this backdrop, Schreiner Group GmbH planned to equip the spaces of its corporate headquarters in Oberschleißheim with a new, energy-efficient lighting system. In response to the initial request for 240 switchable LED panels, LEDVANCE proposed combining the transition to LED technology with the installation of the VIVARES Zigbee lighting management system.

## THE SOLUTION

Schreiner Group GmbH decided to install the VIVARES Zigbee lighting management system. The architectural conditions on-site and the technological capabilities of the system were crucial factors in this decision. VIVARES Zigbee is an ideal wireless system for integration into existing buildings and can communicate with up to 200 Zigbee-enabled devices through the VIVARES Zigbee controller. Accordingly, VIVARES Zigbee could be easily integrated into the existing three-wire wiring and put into operation in the rooms of Schreiner Group.

## THE BENEFITS

The wirelessly networked VIVARES Zigbee system is particularly suitable for modernizing lighting in existing buildings when wiring is not feasible or running control cables is too expensive, allowing for flexible adjustments to changing room situations. Additionally, the system-controlled LED panels ensure significantly improved light quality and more even illumination of different spaces. Compared to the previous lighting, energy consumption is reduced by up to 80% as the light intensity adjusts to daylight and turns off when rooms are unoccupied. The extended lifespan of the system, exceeding 30 years, reduces long-term costs and efforts for maintenance and replacement. Moreover, Schreiner Group benefits from a 15% subsidy from the BEG (Federal Office for Economic Affairs and Export Control), as the products, including the lighting management system, are eligible for full funding.

## SUMMARY

After consulting with LEDVANCE experts, Schreiner Group decided to leverage not only LED technology but also the benefits of the VIVARES Zigbee

„The collaboration with LEDVANCE was competent, transparent, and pleasant from the initial consultation to the final implementation. The employees' response to the possibilities of the lighting management system and the quality of the lighting has been consistently positive. It was a very successful project!“

Igor Blazevic, Project Manager  
Facility Management,  
Schreiner Group

lighting management system for the planned modernization of the lighting in their corporate headquarters in Oberschleißheim. The lighting management system impresses with easy commissioning and convenient adjustment via an app. In combination with LED panel lights, it ensures a homogeneous light quality perfectly tailored to the needs of different workspaces, while enabling energy savings of up to 80%.



Production area Schreiner Group



Corporate headquarters of Schreiner Group