

## **LUXOMESH®.**

### **The wireless lighting control system: Scalable, networked (Mesh), standardised.**

Wherever modernisation is hampered by limited structural options, innovative solutions are required. Fortunately, B.E.G. has the right answer here too: LUXOMESH®. In this new wireless lighting control system based on the Bluetooth NLC standard (Bluetooth Mesh), all devices, sensors and control elements communicate directly via Bluetooth Low Energy, completely eliminating the need for additional BUS lines. This makes LUXOMESH® the ideal solution for renovations, old buildings, educational institutions and all projects where existing infrastructure is to be retained.

Through the consistent use of an open, internationally standardised wireless protocol, LUXOMESH® ensures cross-manufacturer interoperability and long-term investment security. The system is flexibly scalable – from individual rooms to complex, networked building structures – and is therefore particularly suitable for gradual renovations and growing facilities.

The commissioning and parameterisation of LUXOMESH® are easily prepared in the LUXOMESH® web application using floor plans. On site, the devices are simply assigned via the smartphone app. Simple adjustments can be made during operation via a mobile app. This allows both project-specific configurations and minor adjustments to be implemented without in-depth programming knowledge – a clear advantage for planners, operators and facility management.

### **LUXOMESH®: Ihre Vorteile auf einen Blick**

- Wireless lighting control system
- Scalable solution for rooms, floors and entire buildings
- Simple, intuitive commissioning and operation
- Bluetooth NLC standard for maximum future-proofing, interoperability and manufacturer independence
- Bluetooth Low Energy (BLE)
- Perfectly suited for step-by-step modernisation
- Over-the-air updates
- Configuration and synchronisation via the LUXOMESH® commissioning tools
- High compatibility thanks to uniform hardware and firmware
- Product functions can be adjusted via the LUXOMESH® app

### **Conclusion:**

The new B.E.G. LUXOMESH® lighting control system combines wireless flexibility and standardised radio technology with professional system architecture, making it a future-proof, flexible and economical solution for projects of any size