Light is smart
LUXeye
Intelligent light control with smartphone connection

Light is OSRAM
Quick and easy light management

The smart solution for demand-based and energy-efficient lighting.

The intuitive way to the perfect light control
With LUXeye, user-friendliness has top priority: Commissioning and use are easy and intuitive. This allows for a very simple and convenient implementation of a modern, energy-efficient light control with smartphone connection. The compact system with integrated sensor technology (daylight and presence) as well as Bluetooth® interface controls the light automatically and can be overridden conveniently via smartphone or pushbutton.

Areas of application
- Conference rooms
- Training rooms
- Offices
- Corridors

Easy use via app
With the LUXeye app, the light can be switched on and off and, with the DALI version, also dimmed autonomously—conveniently via smartphone. Automatic settings can be overridden manually at any time. In order to restrict access to the app, password protection is available. When the app is opened, the connection is automatically restored.

Two versions: dimmable and with switch relay
Currently, the portfolio comprises two versions: While the dimmable version LUXeye Sense DALI BT can control up to 20 luminaires via a DALI interface, the second version LUXeye Sense 10A BT features a 10-ampere switch relay.

LUXeye Sense DALI BT
DALI interface for constant light control
- Up to 20 DALI luminaires can be connected
- DALI Broadcast (no addressing necessary)
- Possible connection of up to three additional DALI sensors and up to three additional pushbutton couplers

LUXeye Sense 10A BT
Optimized switch relay for LED load
- Relay bypass for high in-rush currents prevents damage to the load relay
- Increases the connectable LED load
- Lifetime of up to 100,000 switching cycles
Easy commissioning and operation according to demand

Quick installation and comfortable adjustment – manually or via smartphone.

Starting with commissioning, you benefit from a high level of flexibility. According to the complexity of your project, you can choose freely from three different options.

Commissioning made easy

1. Plug & play
Just connect the luminaires to the control and mount them into the ceiling. Once mains voltage is applied, the LUXeye is automatically calibrated and controls the lighting according to demand with the daylight and presence detector (no commissioning required).

2. Manual adjustment with a screwdriver
The basic functions light level and delay time can be easily adjusted with a screwdriver (no smartphone necessary!). This saves time and does not require any other tools.

3. Convenient adjustment via smartphone
With the LUXeye config app, all settings can be adjusted. Thanks to pre-defined profiles, you can select the best settings for different office applications or create an individual profile according to the needs of your customer. This can be done especially quickly if you intend to operate several rooms with the same settings.

Principle schemes

LUXeye Sense DALI BT

LUXeye Sense 10A BT

Safety notice: No galvanic isolation from mains if output L’ is off.
### Description

<table>
<thead>
<tr>
<th>Description</th>
<th>LUXeye Sense DALI BT</th>
<th>LUXeye Sense 10A BT</th>
</tr>
</thead>
<tbody>
<tr>
<td>$V_{ac}$</td>
<td>220-240 V 50/60 Hz</td>
<td>220-240 V 50/60 Hz</td>
</tr>
<tr>
<td>$P_r$</td>
<td>0.3–1.8 W</td>
<td>&lt; 0.5 W</td>
</tr>
<tr>
<td>$t_a$</td>
<td>0…+55 °C</td>
<td>0…+55 °C</td>
</tr>
<tr>
<td>Operating range light sensor</td>
<td>20–5000 lx</td>
<td>20–5000 lx</td>
</tr>
<tr>
<td>Connectable ballasts</td>
<td>20 DALI ECG</td>
<td>–</td>
</tr>
<tr>
<td>DALI</td>
<td>IEC 62386 Ed. 1</td>
<td>–</td>
</tr>
<tr>
<td>Connectable Load</td>
<td>–</td>
<td>≤ 10 A@230 V, ε</td>
</tr>
<tr>
<td>(Max. connectable load equal to max.</td>
<td></td>
<td>2,300 VA</td>
</tr>
<tr>
<td>luminaries number on circuit breaker 10 A (B)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Inrush/turn off current bypasses the relays contact.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bluetooth® Standard</td>
<td>4.0 LE</td>
<td>4.0 LE</td>
</tr>
<tr>
<td>Bluetooth® range</td>
<td>≤ 15 m</td>
<td>≤ 15 m</td>
</tr>
<tr>
<td>Max. cable length Push button input</td>
<td>25 m</td>
<td>25 m</td>
</tr>
<tr>
<td>Circuit breaker (B) (external)</td>
<td>≤ 10 A</td>
<td>≤ 10 A</td>
</tr>
<tr>
<td>EAN</td>
<td>4052899957411</td>
<td>4052899957428</td>
</tr>
</tbody>
</table>

**OSRAM GmbH**

Head office:
Marcel-Breuer-Strasse 6
80807 Munich, Germany
Phone +49 89 6213-0
Fax +49 89 6213-2020
www.osram.com

**LEDVANCE GmbH**

Partner:
85748 Garching, Deutschland
Fon +49 89 780673-100
www.ledvance.com