

# Light is smart LUXeye

Intelligent light control with smartphone connection

Light is OSRAM

**OSRAM**

# Quick and easy light management

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

### The intuitive way to the perfect light control

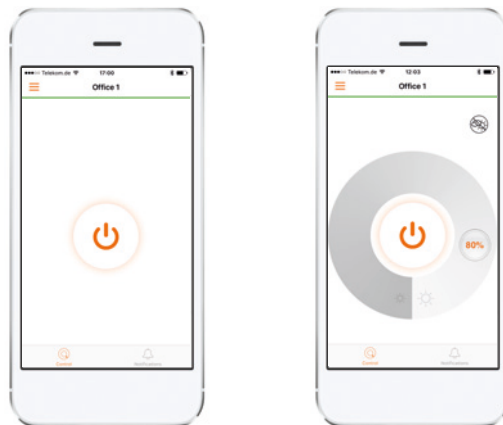
With LUXeye, user-friendliness has top priority: Commissioning and use are easy and intuitive. This allows for a very simple and convenient implementation of a modern, energy-efficient light control with smartphone connection. The compact system with integrated sensor technology (daylight and presence) 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 automatically – 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.

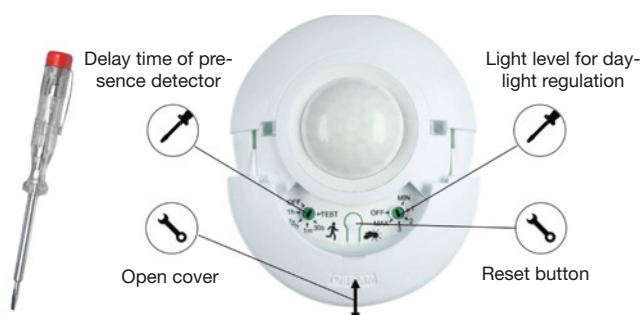
## Commissioning made easy

### 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).

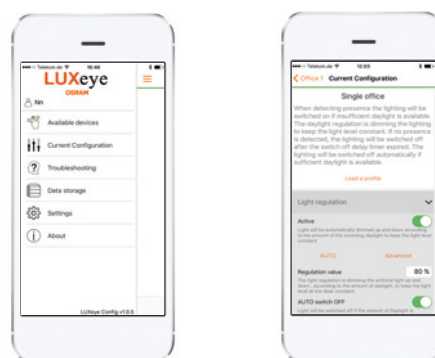
### 2. Manual adjustment with a screwdriver

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.



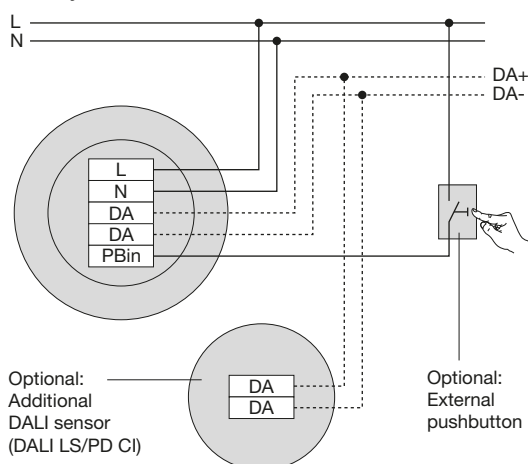
### 3. Convenient adjustment via smartphone

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.

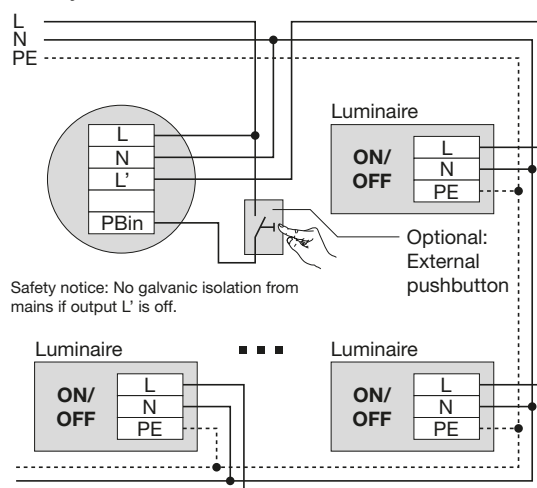


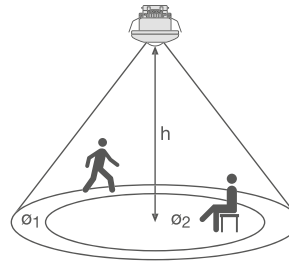
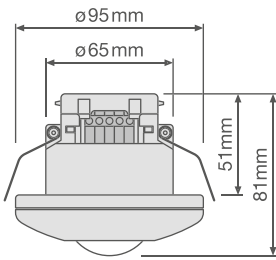
## Principle schemes

LUXeye Sense DALI BT



LUXeye Sense 10A BT





h	Ø1	Ø2
2.5 m	6.0 m	5.5 m
3.0 m	7.0 m	6.0 m
4.0 m	7.5 m	6.5 m
5.0 m	8.0 m	-

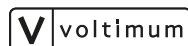
Description	LUXeye Sense DALI BT	LUXeye Sense 10A BT
$V_{AC}$	220-240 V 50/60 Hz	220-240 V 50/60 Hz
$P_V$	0.3-1.8 W	<0.5 W
$t_a$	0...+55 °C	0...+55 °C
Operating range light sensor	20-5000 lx	20-5000 lx
Connectable ballasts	20 DALI ECG	-
DALI	IEC 62386 Ed. 1	-
Connectable Load Max. connectable load equal to max. luminaries number on circuit breaker 10 A (B) (Inrush/turn off current bypasses the relays contact.)	-	≤ 10A@230V, ε 2.300 VA
Bluetooth® Standard	4.0 LE	4.0 LE
Bluetooth® range	≤ 15 m	≤ 15 m
Max. cable length Push button input	25 m	25 m
Circuit breaker (B) (external)	≤ 10 A	≤ 10 A
EAN	4052899957411	4052899957428

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