

Wireless brightness sensor for ceiling mounting with battery and solar cells 

FHD65SB-wg

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

Wireless brightness sensor pure white glossy for ceiling mounting 84x84x16mm. With solar cells and battery (lifetime 4-5 years). For automatic brightness control using dimmer switches FUD14, FUD71, FSG14/1-10V and FSG71/1-10V. Smart Home sensor.

The electronics is powered by an internal button cell CR2032. The battery is backed by the solar cells which extend the service life of the battery provided there is sufficient light.

To replace the battery, carefully lift the front panel.

This is also necessary to activate battery supply by removing an insulation strip.

We recommend stainless-steel countersunk screws 2.9x25mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25mm and with 55mm switch boxes.

The scope of supply includes an adhesive film, 2 pcs stainless steel countersunk head screws 2.9x25mm and rawl plugs 5x25mm.

To teach in an actuator set to teach-in mode, carefully lift the front panel and press the teach-in button.

The sensor measures brightness similar to the perception of the human eye.

It measures from 0 to 1024 Lux and sends a telegram to the Eltako wireless network every 5 seconds if there is a change in brightness of min. 4 Lux. If there is no change, a status report is sent approx. every 100 seconds.

The automatic brightness control is activated in the FUD14, FUD71, FSG14/1-10V and FSG71/1-10V during teach-in.

In addition, FBH motion detectors can be taught-in in the FUD14, FUD71, FSG14/1-10V and FSG71/1-10V. If an FBH detects motion, then the device is switched on and only when all the FBHs taught-in in the actuator fail to detect motion for one minute, the actuator starts the time delay.

The crossed-out waste container indicates that batteries may not be disposed with other household or commercial waste.



Attention: Danger of explosion if battery is replaced improperly. Only replace it by an equivalent type!

EnOcean wireless

Frequency	868.3MHz
Transmit power	max. 10mW

Hereby, Eltako GmbH declares that the radio equipment type FHD65SB is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: eltako.com

Must be kept for later use!

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