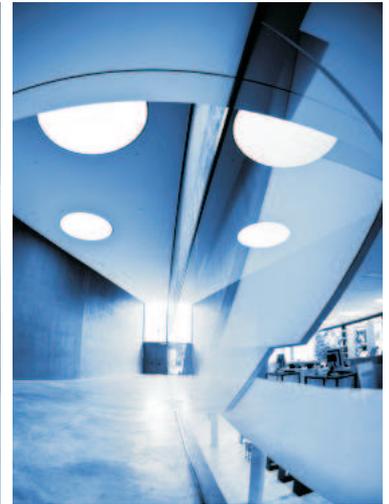


# AUTO LIGHT<sub>xs</sub>

HF MOTION DETECTOR FOR LUMINAIRES



## AUTO LIGHT<sub>xs</sub>

### Miniature motion detector

- Particularly suitable for professional use with lower electric loads
- Compact-sized and small casing
- Simple settings via potentiometer
- Integrated test mode

**AUTO LIGHT<sub>xs</sub>** is an innovative and particularly small 5.8 GHz HF motion detector for switching luminaires with any kind of illuminants (for example fluorescent lamps, incandescent lamps or LED – please view the maximum electric load) in a very energy efficient way. It is particularly suitable for price sensitive luminaires with lower electric loads.

Settings for sensitivity, hold time and brightness sensor can be adjusted via potentiometer. The motion detector has an implemented test mode for checking the sensor functionality and an immunity against other sensors in the same detection field. **AUTO LIGHT<sub>xs</sub>** provides a rotationally symmetric and conical detection field.

**AUTO LIGHT<sub>xs</sub>** offers a high detection speed combined with a large detection field. Additionally it is also compatible with almost all marketable quality electronic ballasts (without corridor function). Customized versions are available on demand.

Range up to  
**10 m**

Autolight xs enables a range of up to 10 m.

HF technology  
**5.8 GHz**

The high-frequency sensors operate in a frequency range of 5.8 GHz.

Module size  
**'XS'**

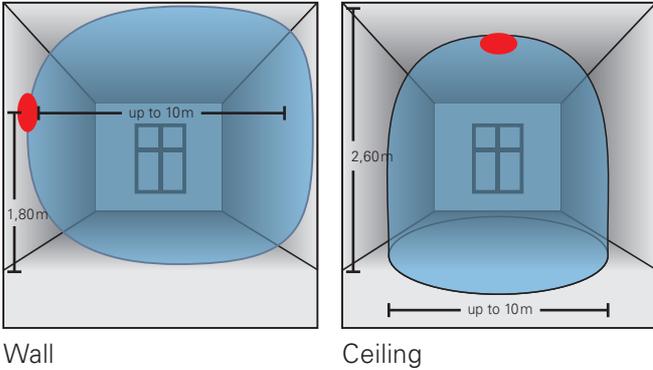
Particularly small casing for the installation in compact-sized, price sensitive luminaires.

Emitted power  
**< 5 mW**

The emitted power of the sensor is less than 5 mW.

High quality  
entry-level  
module

Good price-performance ratio



Wall

Ceiling

## AUTOLIGHT xs

Operating voltage	230 V +/- 10%, 50 Hz
Switching power	max. 400 W incandescent lamps max. 200 VA fluorescent lamps max. 60 VA LED max. 1 electronic ballast
Sensor principle	HF motion detector
Frequency range	5.8 GHz +/- 75 MHz
Emitted power	< 5 mW
Interfaces	3-pole plugable clamp terminal (N, L, L') for 1.5 mm <sup>2</sup> cable
Measures	65 x 49.2 x 30.8 mm (LxWxH)
Lux-value	1 - 1000 Lux
Mounting height	max. 2.7 m (wall) max. 4.0 m (ceiling)
Sensitivity	20 - 100 %
Hold time	10 - 1200 s
Test mode	2 s hold time
Operating temperature	-20°C ...+70°C
IP rating	IP 20 (mounting inside a luminaire)
Characteristics	<ul style="list-style-type: none"> <li>- adjustable, rotationally symmetric and conical detection field with up to 10 m of frontal length as well as a 10 m diameter for a wall mounting height of 1.8 m or a ceiling mounting height of 2.6 m (depending on the kind of luminaire, installation circumstances and mounting conditions)</li> <li>- test mode for checking the sensor functionality</li> <li>- implemented immunity against other sensors in the same detection field</li> <li>- long life with recommended switching power of 100 VA for fluorescent lamps and 30 VA for LEDs</li> </ul>

