



AUTOLIGHT I²C

HF motion detector for luminaires

Motion detector for professional use

AUTOLIGHT I²C is an innovative and extremely small 5.8 GHz sensor with signal processing as well as an I²C interface. The HF module is explicitly a signaller for an existing controller unit or for electronic ballasts and therefore it has neither a relay nor an own power supply.

Due to its very compact size the **AUTOLIGHT I²C** can also be mounted in luminaires which offer only a small mounting space.

Characteristics

- Signaller for existing controller units
- I²C interface
- Particularly compact

Technical data

Operating voltage	5 V DC +/- 10 %
Current consumption	max. 25 mA
Inrush current	max. 150 mA
Communication interface	I ² C (3.3 V)
Sensor principle	HF motion detector
Current consumption	max. 25 mA
Frequency range	5.8 GHz +/- 75 MHz
Emitted power	< 5 mW
Detection range	up to 15 m (frontal, wall mounted) up to 10 m (diamater, ceiling mounted)
Detection angle	approx. 120°
Sensitivity	25 / 50 / 75 / 100 %
Daylight sensor	1 Lux ... 300 Lux; ∞
Mounting height	max. 2.70 m (wall mounting) max. 4.00 m (ceiling mounting)
Size	59 x 29 x 24.5 mm (L x W x H, incl. mounting lugs)
Operating temperature	-20 °C ... +70 °C
IP rating	IP 20 (mounting inside the luminaire)
Certificates	CE (additional certificates on request)