Motion sensors for 1 circuit
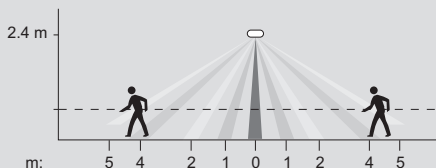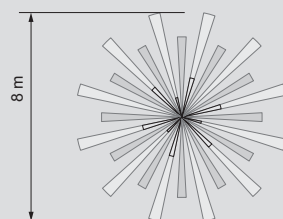

0 488 03

0 697 80
(directional head)

Technical characteristis **see e-catalogue**

Automatic on/off
Manual adjustment of light level threshold and time delay via potentiometer
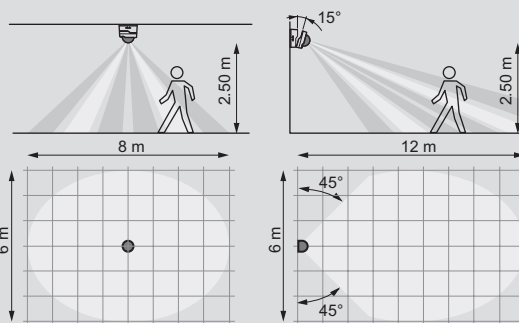All load 8.5 A - 240 V

Pack	Cat.Nos	**Ideal for passage**
1	0 488 03	**PIR IP 41 ceiling-mounting motion sensor, 360°** Range Ø8 m Recommended fixing height: 2.50 m 3-wire with neutral Light level threshold: 1 to 1000 lux Adjustable time delay: 5 s to 30 min Consumption: 0.5 W on standby Optimum distance between 2 sensors: 6 m Fixes directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm Can be surface-mounted on ceiling using accessory Cat.No 0 488 75 (please consult us)
1	0 489 41	**Compact motion sensors PIR IP 41 - ceiling mount, 360°** Range Ø8 m Recommended fixing height: 2.50 m 3-wire with neutral Light level threshold: 10 to 1275 lux Adjustable time delay: 10 s to 10 min Standby consumption: 0.75 W Fixes directly to a false ceiling with mounting claws (included) or installed in a backbox (depth 50mm)

Ideal for outdoor and humid areas

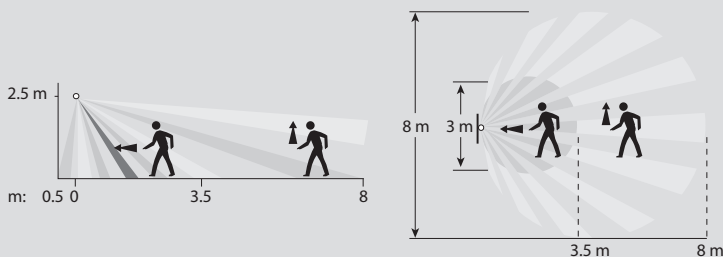|		
1	0 697 40 ⚪ Grey	**PIR IP 55 wall or ceiling-mounting motion sensors, 360°** With directional head, range Ø8 m Fix directly to ceiling or wall (min. height: 1.70 m) 3-wire with neutral Light level threshold: 1 to 1000 lux Adjustable time delay: 12 s to 16 min Standby consumption: 0.9 W Optimum distance between 2 sensors: 6 m
1	0 489 43	**Compact motion sensors PIR IP 55 - wall or ceiling surface mounting, 360°** With directional head, range Ø8 m Recommended fixing height: 2.50 m 3-wire with neutral Light level threshold: 10 to 1275 lux Adjustable time delay: 10 s to 10 min For direct surface-mounting on ceiling or wall

Motion sensors for 1 circuit

detection zones and load table

■ Detection zones
Cat.No 0 488 03/0 489 41

Cat.Nos 0 697 40

Cat.No 0 489 43

■ Load table

Cat.No	Halogen bulb	ELV halogen with ferromagnetic transformer	ELV halogen with electronic transformer	Fluorescent tube	Compact fluorescent bulb	LED
0 488 03	2000 W	1000 VA	1000 VA	10 x (2 x 36 W)	250 W	250 W
0 489 41	1000 W	500 VA	500 VA	5 x (2 x 36 W)	250 W	250 VA
0 489 43	1000 W	500 VA	500 VA	5 x (2 x 36 W)	250 W	250 VA
0 697 40	2000 W	1000 VA	1000 VA	10 x (2 x 36 W)	250 W	250 W

for passage areas with natural light

With knock-out cable entries

0 488 17   0 489 32

Technical characteristics **see e-catalogue**

Check presence and natural light level continuously, switch off when there is sufficient natural light
Occupancy mode (automatic switch-on/off factory setting)
Can be used with push-button Cat.No 0 770 40 (or illuminated push-button Cat.No 0 770 33) for vacancy mode (manual switch-on and manual or automatic switch-off)
Precise on-site adjustment using configuration tool Cat.No 0 882 30 (P.87)
Adjustable time delay: 5 s to 59 min. Light level threshold adjustable from 5 to 1275 lux

Pack	Cat.Nos	**Ideal for passage areas**
1	0 488 17	**PIR ceiling-mounting Lighting Management sensors, 360°** Fix directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm, Cat.No 0 893 58 3-wire with neutral Standby consumption: 0.4 W Recommended fixing height: 2.5 m Lateral detection 24 m Ideal for hallway, side range 2 x 12 m IP 20 Optimum distance between 2 sensors: 20 m Connection via automatic terminals Surface mounted on ceiling using accessory Cat.No 0 488 75 (please consult us)
		Ideal for high ceiling areas
1	0 489 32	**PIR IP 55 ceiling/surface-mounting Lighting Management sensor, 360°** Range: Ø20 m at 10 m high, Ø8 m at 2.5 m high 3-wire with neutral IP 66 with cable gland Cat.No 0 980 23 Optimum distance between 2 sensors: 20 m Standby consumption: 0.4 W Compatible with Cablofil cable trays

for working areas with natural light

0 488 09   0 489 16   0 488 04

Technical characteristics **see e-catalogue**

Check presence and light level continuously, switch off when there is sufficient natural light
Occupancy mode (automatic switch-on/off factory setting)
Can be used with push-button Cat.No 0 770 40 (or illuminated push-button Cat.No 0 770 33) for vacancy mode (manual switch-on and manual or automatic switch-off)
Infrared and ultrasonic Lighting Management sensors for workplaces, allowing precise presence detection as soon as the wave transmitted by the sensor is modified (for example, by hand movement on a keyboard)
Precise on-site adjustment using configuration tool (p. 87)

Pack	Cat.Nos	**Ideal for working areas**
		Suitable for meeting room, classroom, open space, etc.
1	0 488 06	**Dual technology ceiling-mounting Lighting Management sensors, 360°** Infrared and ultrasonic detection, Ø8 m IP 20 3-wire with neutral Optimum distance between 2 sensors: 6 m Standby consumption: 0.8 W Fix directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm Connection via automatic terminals Can be surface-mounted in ceiling using accessory Cat.No 0 488 75 (please consult us)
1	0 489 16	**Dual technology wall/surface-mounting Lighting Management sensor, 180°** With presence output Infrared and ultrasonic detection, range (front) 8 m Recommended fixing height: 2.5 m 3-wire with neutral IP 42 Additional 2 A contact for HVAC control based on presence data Consumption: 0.4 W on standby Optimum distance between 2 sensors: 10 m Can be surface-mounted in ceiling using accessory Cat.No 0 489 71 (please consult us)
		PIR ceiling-mounting Lighting Management sensors, 360° Range Ø8 m 3-wire with neutral Optimum distance between 2 sensors: 6 m Standby consumption: 0.8 W Fix directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm Can be surface-mounted in ceiling using accessory Cat.No 0 488 75 (please consult us)
1	0 488 00	Without 2 A contact for HVAC control
1	0 488 04	With an additional 2 A contact for HVAC control, based on presence data

Examples of solutions for classroom, open-space office and meeting room

Configuration tools and accessories

0 882 35   0 882 30

 Technical characteristics **see e-catalogue**

Pack	Cat.Nos	
		Configuration tools for Lighting Management sensors
		All sensors are supplied with factory settings: - 500 lux light level threshold for ceiling mount sensors, 300 lux for surface and flush mounting sensors - 15-minute time delay and walkthrough function activated The configuration tools are used to adjust these presets and the detection sensitivity.
1	0 882 35	Step programming on preset buttons
1	0 882 30	Digital programming to one decimal place on the digital screen Instant programming control Used to display the parameters of each sensor Option to store settings in the memory and to apply them to other sensors Standard preset configurations for each room type (office, hallway, etc.) according to EN 12 464
		Accessories
1	0 489 74	Protection basket for sensors Cat.Nos 0 489 11/14/16/17/31/32/33

 Examples of solutions for classroom, open-space office and meeting room

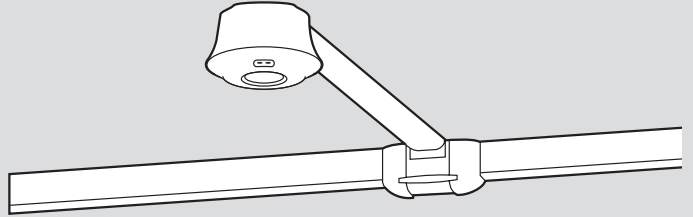# Configuration tools and accessories

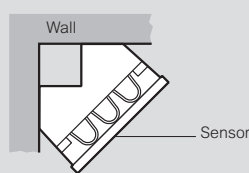■ **Customising settings on-site**

All sensors are preset in the factory
• 500 lux light level threshold for ceiling-mounting sensors and 300 lux for surface-mounting sensors
• 15-minute time delay and walkthrough function activated
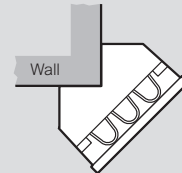The configuration tools are used to adjust the preset settings and the detection sensitivity

■ **Installing surface-mounting boxes Cat.No 0 488 75**

■ **Installing fixing accessories on an angle (view from above)**

Mounting on internal angle

Mounting on external angle