STEINEL®
PROFESSIONAL

Industry and logistics

Guide to intelligent lighting control

CONTENTS

Practical planning examples.
For industry and logistics.

There's the right solution for any need. This applies in particular to the lighting and sensor-system solutions from STEINEL. The following pages show you how easy it is for you to arrive at perfect results with our cleverly designed products. And how incredibly well our solutions suit the jobs you do every day. Let us inspire you. And perhaps even bring a smile to your face.

Our 4 sensor technologies.
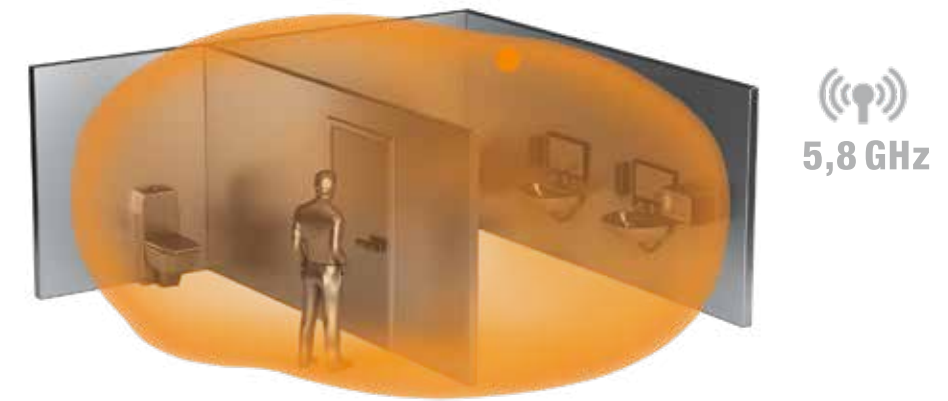# The right solution for any application.

Passive infrared

Responds to moving sources of heat.

PIR

High frequency
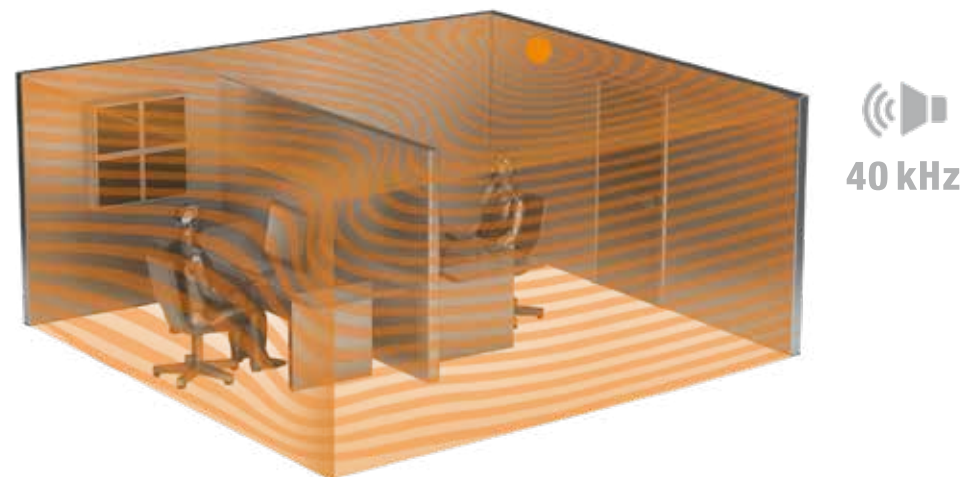
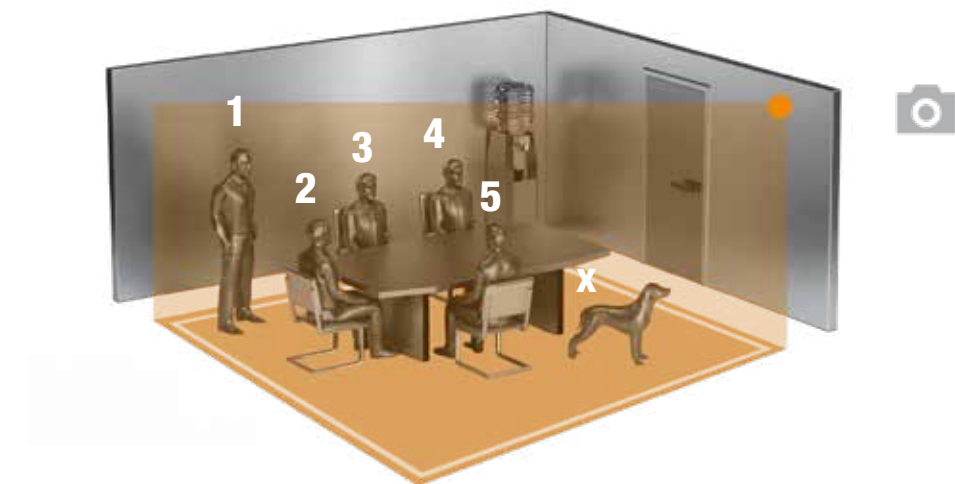Can even see through thin walls.

5,8 GHz

Ultrasonic

Fills the entire room and also detects movement around objects.
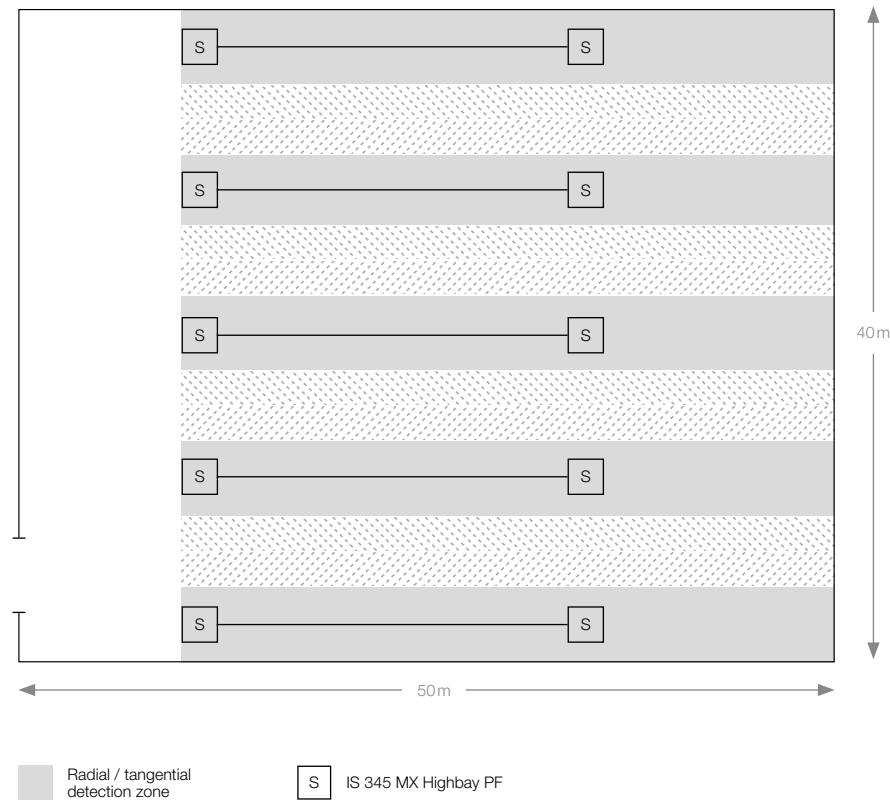
40 kHz

Optical sensor

Only detects people and can also count them.
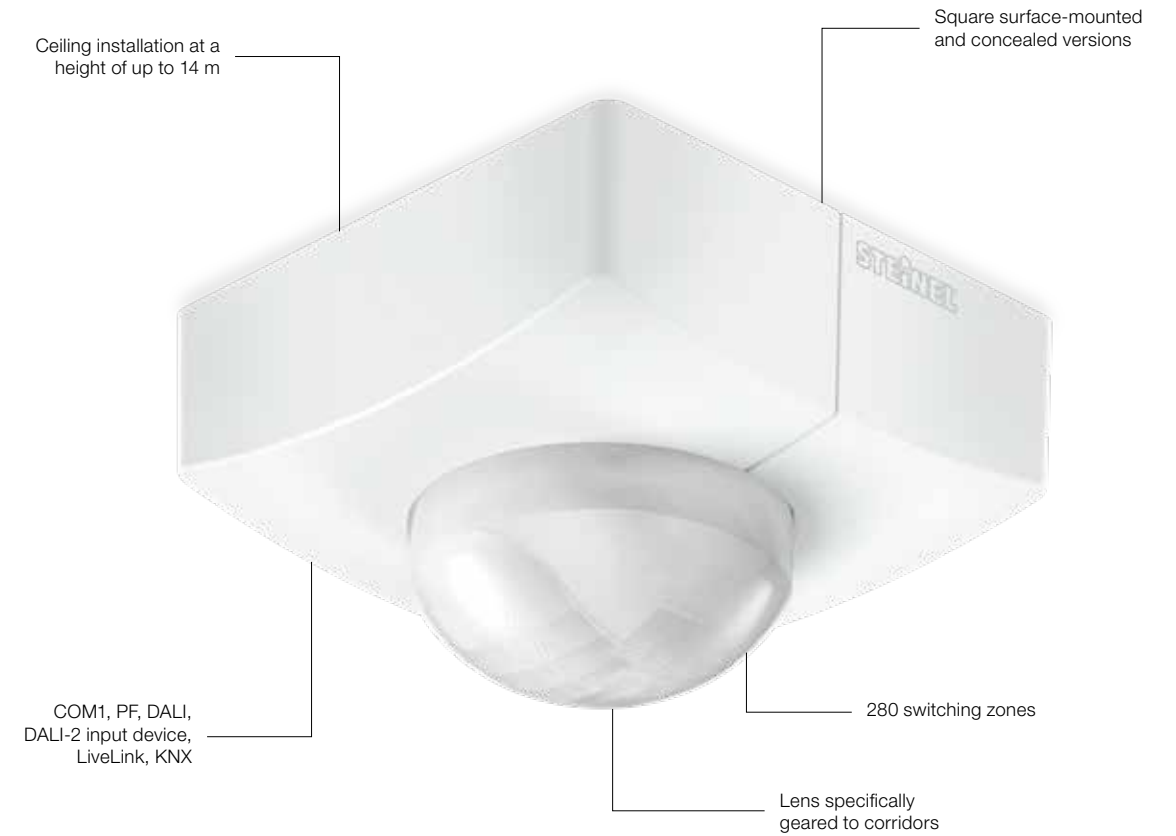
1   3   4
2   5
x

High-bay warehouse

Long aisles. High ceilings. Detection at the highest level. The IS 345 MX Highbay infrared sensor is designed for mounting at heights of up to 14 m, making it the ideal solution for high-bay warehouses. With its specially adapted lens and a detection zone of 30 x 4 m, this motion detector is particularly suitable for watching over long aisles. Using the practical shrouds, the detection zone can be defined with absolute precision and accurately stop at the aisle ends.

## IS 345 MX Highbay

For EANs, see page 44

SMART
REMOTE
READY

Ceiling installation at a
height of up to 14 m

Square surface-mounted
and concealed versions

COM1, PF, DALI,
DALI-2 input device,
LiveLink, KNX

280 switching zones

Lens specifically
geared to corridors

40 m

50 m

Radial / tangential
detection zone

S   IS 345 MX Highbay PF

Costing

Floor space	2,000 m²
Detection per sensor	30 x 4 m
Room height	Max. 14 m
Number of sensors	10 each
Sensor costs per m²	€ 0.57*

*Prices exclude VAT.

Installation advice

Max.
14 m

Max. 15 m   Max. 30 m
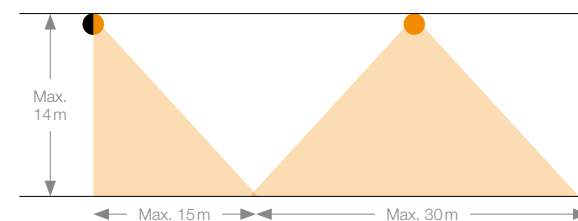
Using the shroud, the sensor reach can be limited to the end of the aisle. This restricts detection to the aisle, and people or vehicles passing by outside the detection zone do not cause any inadvertent triggering. The floating sensor is particularly suitable for long line lengths.
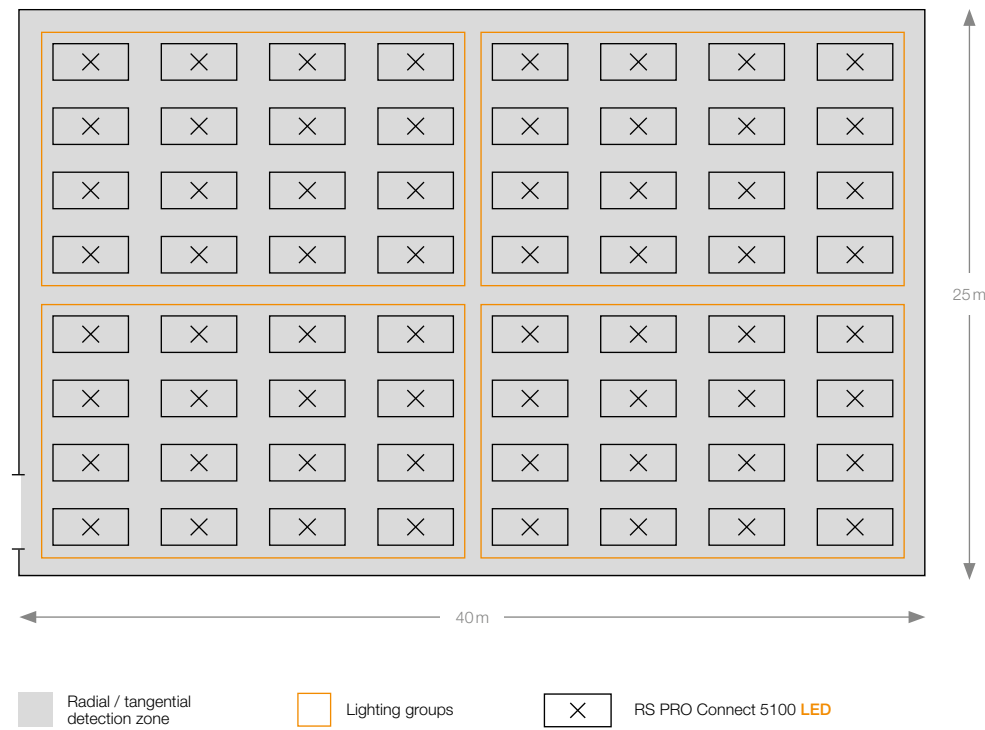
Accessories

Smart Remote

Convenient sensor adjust-
ment from the floor
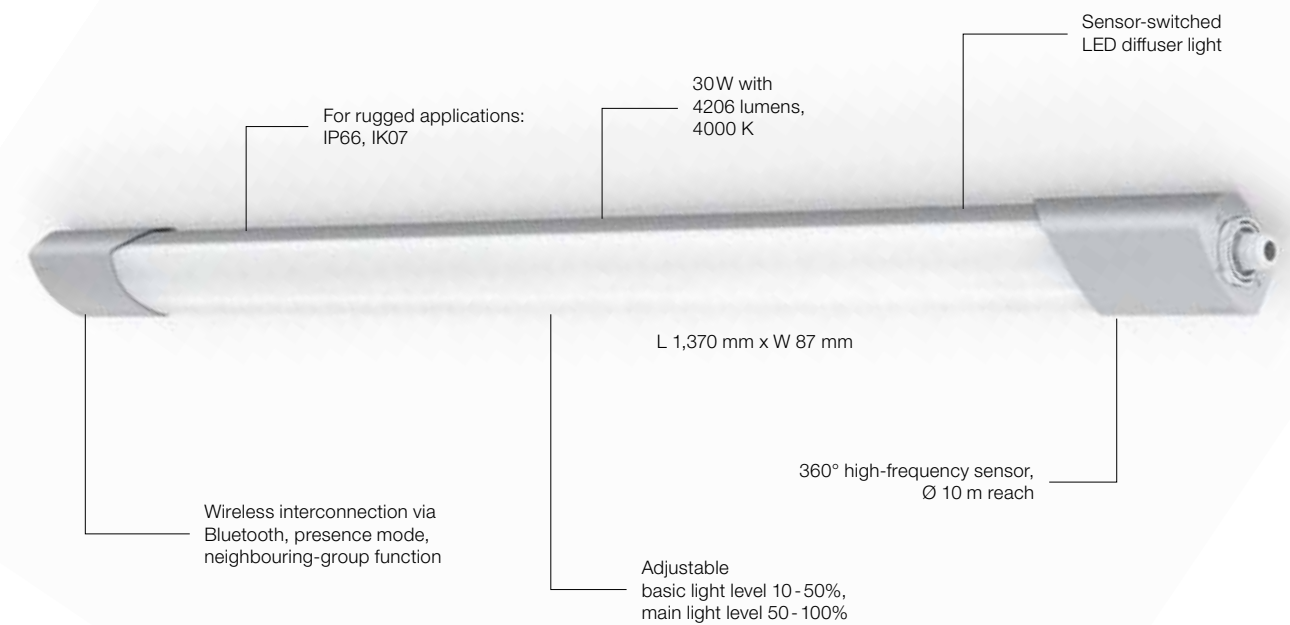For EANs, see page 47

Designer trims

Black trims for the
square surface-mounted
and concealed versions
For EANs, see page 47

RELUX®

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Tel.: +49 (0) 5245 / 448-307, objekt@steinel.de

Perfect light throughout the warehouse. The sturdy sensor-switched RS PRO Connect 5100 LED diffuser light is fitted with a 360° high-frequency sensor with a reach of Ø 10 m and provides optimum illumination in storage rooms. Adjustable holders make it possible to use existing drill holes for installing the light. This saves a lot of time in refurbishment work. Bluetooth interconnection also facilitates efficient lighting. Whether lighting groups or neighbouring-group function – all settings are conveniently made via app. And to ensure that nobody is left in the dark later on, the presence mode prevents lights from switching off unintentionally.

RS PRO Connect 5100 LED

For EANs, see page 44

25 m

40 m

Radial / tangential detection zone

Lighting groups

× RS PRO Connect 5100 LED

Sensor-switched LED diffuser light

For rugged applications: IP66, IK07

30W with 4206 lumens, 4000 K

L 1,370 mm x W 87 mm

360° high-frequency sensor, Ø 10 m reach

Wireless interconnection via Bluetooth, presence mode, neighbouring-group function

Adjustable basic light level 10 - 50%, main light level 50 - 100%

Costing

Floor space	1,000 m²
Detection per light	Ø 10 m
Room height	Max. 3.5 m
Number of lights	64 each
Cost of sensor-switched lights per m²	**€ 13.44***

*Prices excluding VAT
Calculation based on DIN EN 12464-1:
200 lux for areas in warehouses
(degree of reflection 20, 70, 50%)
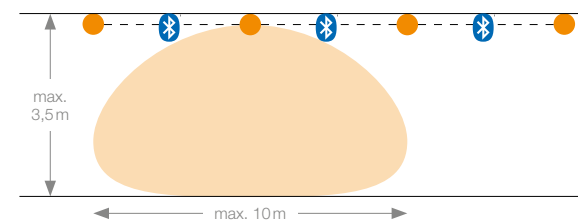
Installation advice

max. 3,5 m

max. 10 m

The lights are interconnected via Bluetooth, requiring no additional wiring. The lights can be mounted at existing drill holes using the variable holders.
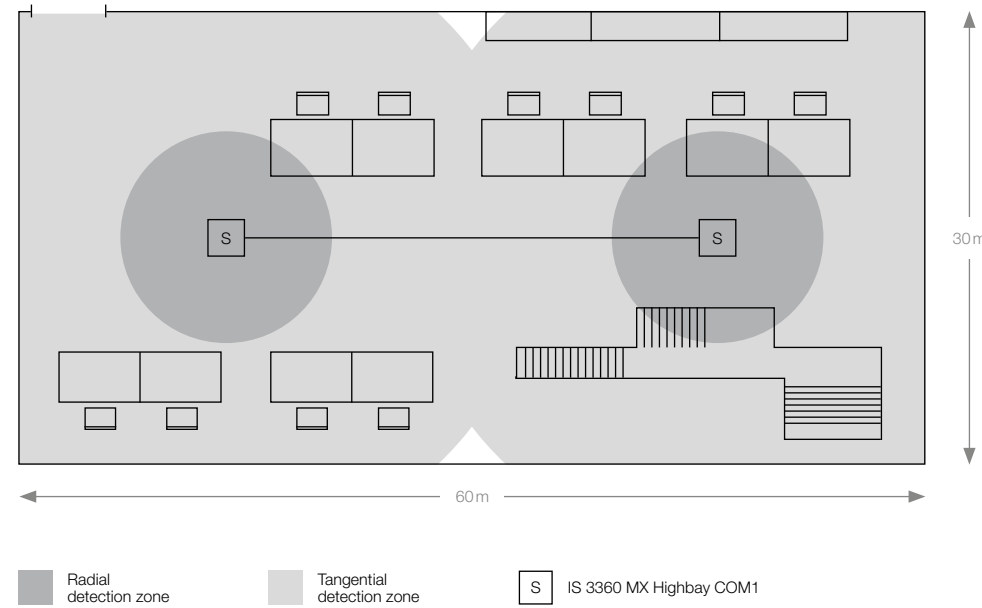
Alternative

IS 3360

• 360° infrared motion detector
• Ceiling installation at a height of up to 4 m
• Watches over up to 1,000 m², 20 m reach radius

Product film

https://youtu.be/
A9xQRPoEYDY

Production facilities

Up. And up. And up. From ceiling heights of up to 14 m, the IS 3360 MX Highbay motion detector with 360° infrared sensor reliably and competently watches over production areas of up to 1,000 m² – and, for added convenience, can be adjusted from the floor using the Smart Remote. The IS 3360 MX Highbay is also available with a DALI interface for controlling DALI lights.

## IS 3360 MX Highbay

For EANs, see page 44

SMART
REMOTE
READY

30 m

60 m

| | Radial detection zone | | Tangential detection zone | S | IS 3360 MX Highbay COM1 |

Ceiling installation at a height of up to 14 m

Square surface-mounted and concealed versions

COM1, PF, DALI, DALI-2 input device, LiveLink, KNX

1416 switching zones

18 m reach radius

Costing

Floor space	1,800 m²
Detection per sensor	Max. Ø 36 m
Room height	Max. 14 m
Number of sensors	2 each
Sensor costs per m²	€ 0.12*

*Prices exclude VAT.
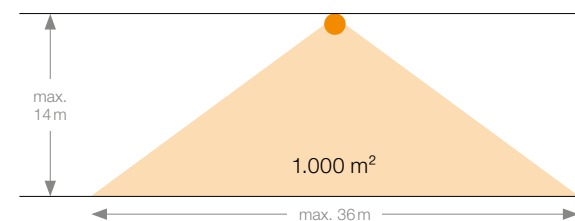
Installation advice

max. 14 m

1.000 m²

max. 36 m

Robust surface-mounted versions for use even under the most adverse of conditions. The large terminal compartment ensures fast and reliable wiring; particularly important when the sensor is mounted at great heights.

Alternative

IR Quattro HD

- 360° infrared presence detector
- Ideal for production areas with activities involving fairly minor movements
- Square detection zone, mechanically scalable
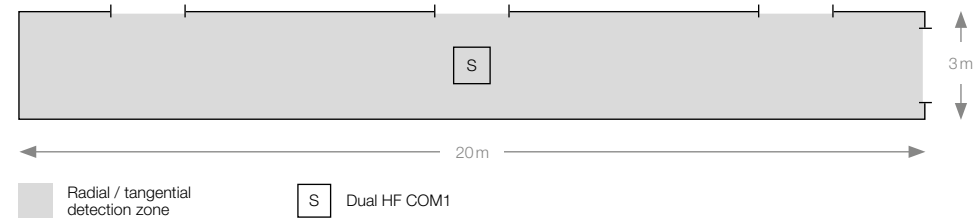- Ceiling installation at a height of up to 10 m

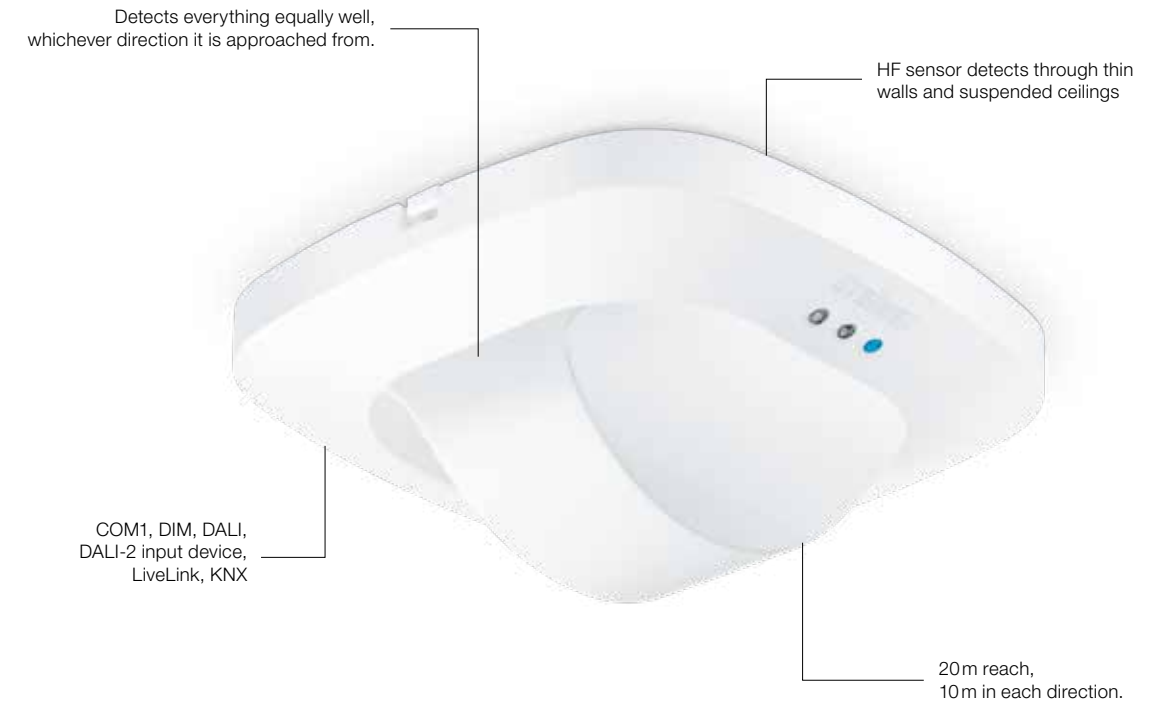## Accessories

Smart Remote

Convenient sensor adjustment from the floor
For EANs, see page 47

Our detection professional for long corridors. The Dual HF corridor sensor comes with two sensors, each with a reach of 10 m, making it the perfect choice for use in longer-type corridors and landings. Thanks to state-of-the-art high-frequency technology, the corridor sensor works absolutely reliably even from behind suspended ceilings. And does so up to a mounting height of 3.5 m. Reach is conveniently set via Smart Remote. Further bonus: extra-fast detection.

## Dual HF

For EANs, see page 44

SMART
REMOTE
READY

3m

20m

| | Radial / tangential detection zone |
| S | Dual HF COM1 |

Detects everything equally well, whichever direction it is approached from.

HF sensor detects through thin walls and suspended ceilings

COM1, DIM, DALI, DALI-2 input device, LiveLink, KNX

20m reach, 10m in each direction.

Costing

Floor space	60 m²
Detection per sensor	20 x 3 m
Room height	Max. 3.5 m
Number of sensors	1 each
Sensor costs per m²	**€ 2.55***

*Prices exclude VAT.
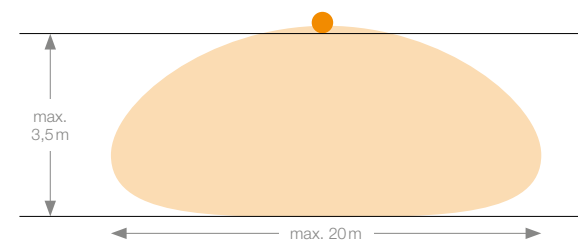
Installation advice

max. 3,5 m

max. 20 m

Mounted behind a suspended ceiling, the sensor is hidden from view, also perfectly protecting it from vandalism and external influences. For practical convenience, the settings are made by Smart Remote and can even be selected after the light has been fitted.

Alternative

Hallway

• High-frequency corridor sensor
• Perfect radial detection in a hallway with a length of up to 25 m
• Reach can be adjusted separately in two directions.
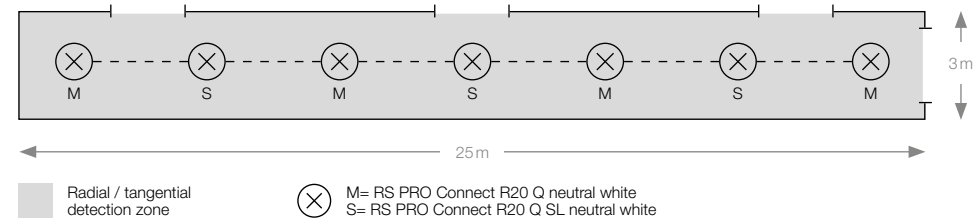• Wireless interconnection via Bluetooth

Accessories

HF ceiling adapter

For installation on suspended ceilings
For EANs, see page 47

Connected Lighting – the digital sensor-switched light system. The RS PRO Connect R 20 Q sensor-switched light not only impresses in terms of looks. It combines stylish, clean-cut design and evenly distributed lighting with incredible easy installation and wireless Bluetooth interconnection via app. The pioneering sensor-switched light is fitted with a powerful 360° high-frequency sensor with a reach of 10 m and provides four lighting functions: basic light level, backlight, main light level as well as an optional emergency light.

3 m

25 m

Radial / tangential detection zone

M = RS PRO Connect R20 Q neutral white
S = RS PRO Connect R20 Q SL neutral white

RS PRO Connect R 20 Q

For EANs, see page 44

Download on the App Store

GET IT ON Google Play

Backlight for ambient lighting

Wireless interconnection via Bluetooth, presence mode, neighbouring-group function

16 W giving up to 1950 lumens, 3000 or 4000 K

Optional emergency light module

L 300 mm x W 300 mm

Adjustable Basic light level 10-50%, Main light level 50-100%

High-quality, UV-stable, opal diffuser shade, impact-resistant to IK07

360° high-frequency sensor, Ø 1 - 10 m reach (also available without sensor)

4 light modes

Basic light level

Backlight

Main light level

Emergency light

Costing

Floor space	75 m²
Detection per light	Ø 10 m
Room height	2.5 m
Number of lights	7 (4x master, 3x slave)
Cost of sensor-switched lights per m²	**€ 22.44***

*Prices excluding VAT
Calculation based on DIN EN 12464-1:
100 Lux for corridors (degree of reflection 20, 70, 50%)

Installation advice

max. 4 m

max. 10 m
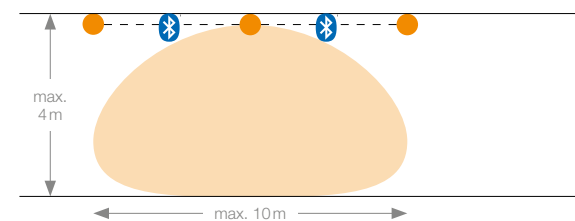
The integrated sensor's reach setting can be adjusted by app with direct feedback. As a result, the detection zone is perfectly defined in next to no time.

RS PRO Connect R20

Accessories

R series emergency-light module

Simply clicks into the light enclosure. In compliance with EN 60598-2-22
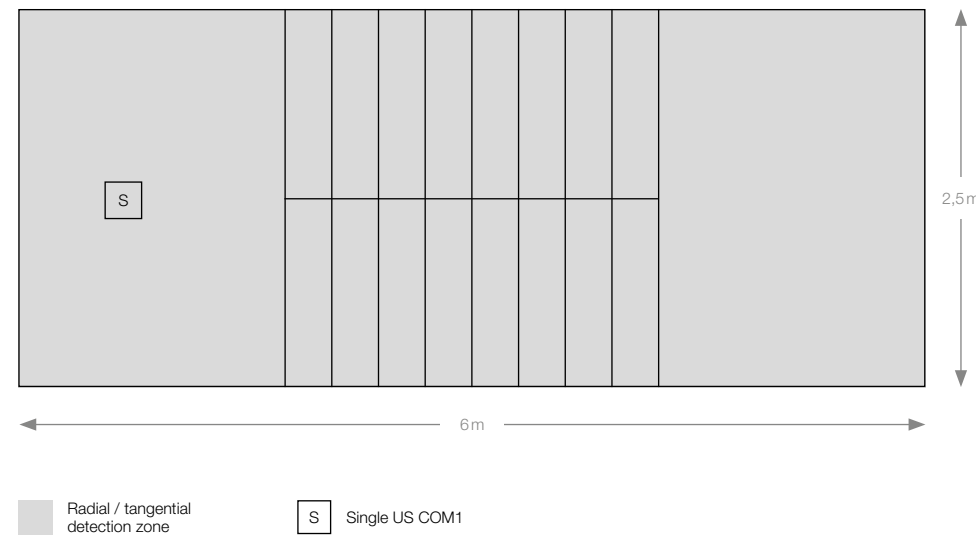For EANs, see page 47

Product film

Stairwell

Highly sensitive. Ultra-precise. Detects movement over two storeys no matter which direction it comes from.
Properly aimed, it detects any movement within a reach of up to 10 m. The ultrasonic technology prevents inadvertent triggering in adjacent corridors and passageways as these are not detected.

## Single US

For EANs, see page 45

SMART
REMOTE
READY

2,5 m

6 m

| | Radial / tangential detection zone |
| S | Single US COM1 |

Total reach of 79 m², ceiling mounting

Detection geared specifically towards corridors

Ultrasonic sensor waves envelop objects but do not pass through them

COM1, COM2, DIM, DALI-2 input device, LiveLink, KNX

Costing

Floor space	15 m²
Detection per sensor	3x10 m
Room height	Max. 3.5 m
Number of sensors	1 each
Sensor costs per m²	€ 8.80*

*Prices exclude VAT.

Installation advice
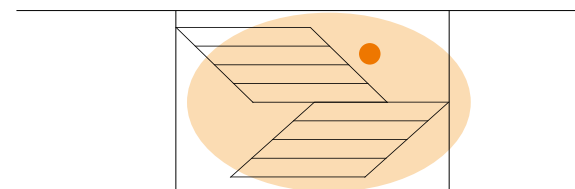
Mounted between two storeys, the sensor quickly and reliably detects persons coming from either direction.

Alternative

HF 360

• 360° high-frequency presence detector
• HF sensor detects through thin walls and suspended ceilings
• 12 m reach in diameter, ceiling mounting

Accessories

Smart Remote

Convenient sensor adjustment from the floor
For EANs, see page 47

Connected Lighting – the digital sensor-switched light system. The round RS PRO Connect R20 sensor-switched light comes in a timelessly attractive design and provides four lighting modes; basic light level, backlight, main light level and optional emergency light. The high-frequency sensor with 10 m reach always guarantees reliable detection. Settings are made wirelessly – easily and conveniently via Bluetooth and app. As a result, stairwell lights can, for example, be connected with RS PRO Connect 5100 LED multi-storey car park lighting in next to no time (p. 8). Connected lighting made easy.

2,5 m

6 m
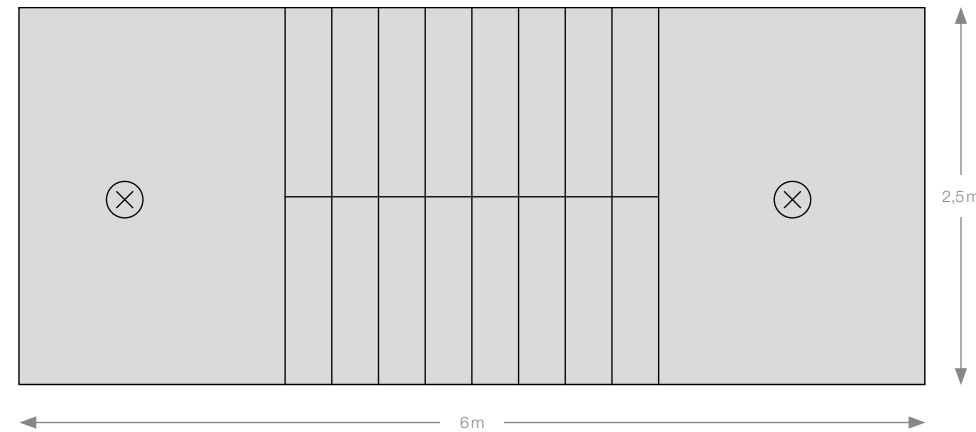
Radial / tangential detection zone

⊗ RS PRO Connect R20 neutral white

RS PRO Connect R 20

For EANs, see page 45

Download on the App Store

GET IT ON Google Play

Backlight for ambient lighting

Wireless interconnection via Bluetooth, presence mode, neighbouring-group function

Optional emergency light module

16W giving up to 2000 lumens, 3000 or 4000 K

Ø 350 mm

Adjustable Basic light level 10-50%, Main light level 50-100%

High-quality, UV-stable, opal diffuser shade, impact-resistant to IK07

360° high-frequency sensor, Ø 1 - 10m reach (also available without sensor)

4 light modes

Basic light level   Backlight   Main light level   Emergency light

Costing

Floor space	15 m²
Detection per light	Ø 10 m
Room height	Max. 4 m
Number of lights	2 each
Cost of sensor-switched lights per m²	**€ 33.20***

*Prices excluding VAT
Calculation based on DIN EN 12464-1:
100 lux for stairwells (degree of reflection 30, 70, 70%)

Installation advice
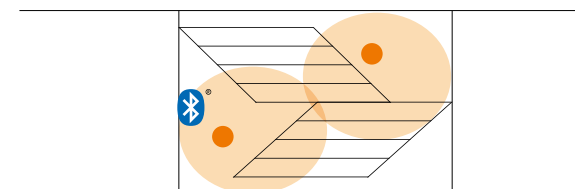
Wirelessly interconnecting lights is the perfect option for stairwells when it comes to bringing them into line with the latest lighting standards.

Alternative

RS PRO LED P2

• 360° high-frequency sensor, Ø 8 m reach
• 16W giving up to 1810 lumens, 3000 K or 4000 K
• Optional basic light level 10%
• Also available as emergency light version in compliance with EN 60598-2-22
• Up to 10 lights can be interconnected by cable

Accessories

R series emergency-light module

Simply clicks into the light enclosure. In compliance with EN 60598-2-22
For EANs, see page 47

Product film

RE LUX®

STEINEL Technical Backoffice
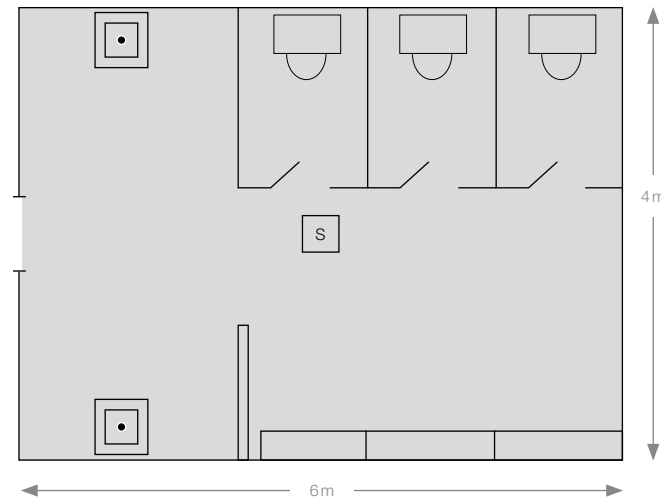Tel.: +49 (0) 5245/448-307, objekt@steinel.de

You can hardly see it. But it sees everything. The HF 360 presence detector works with high-frequency sensor technology that is not held back by partitions. This makes it the ideal choice for watching over sanitary facilities. The sensor features highly sensitive presence detection, has short stay-ON times and scores with high energy savings. If the privacy partitions in WC facilities are open at the top and bottom, we recommend the US 360 ultrasonic presence detector which provides full-circle coverage and a total reach of 79 m²

HF 360

For EANs, see page 45

SMART
REMOTE
READY

4 m

6 m

| | Radial / tangential detection zone |
| S | HF 360 COM1 (COM2, if with ventilation control) |

Ø 12 m reach in diameter, ceiling mounting

360° high-frequency presence detector

COM1, COM2, DIM, DALI, DALI-2 input device, LiveLink, KNX

High-frequency sensor detects through thin walls and suspended ceilings

Costing

Floor space	24 m²
Detection per sensor	Max. Ø 12 m
Room height	Max. 3.5 m
Number of sensors	1 each
Sensor costs per m² (COM 1)	€ 4.88*

*Prices exclude VAT.
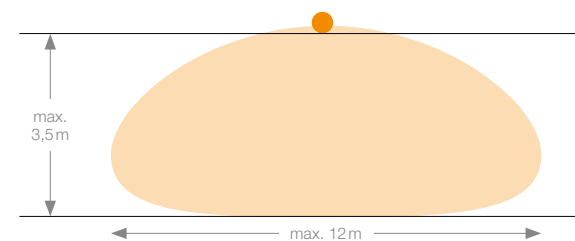
Installation advice

max. 3,5 m

max. 12 m

Mounted behind a suspended ceiling, the sensor is hidden from view, also perfectly protecting it from vandalism and external influences. When mounted with visible sensor, the settings can be made via Smart Remote and even be selected after the detector has been fitted.

Alternative

US 360

• 360° ultrasonic presence detector
• The perfect option where partitions or doors do not extend to full room height
• 28 m² presence detection zone, ceiling mounting

Accessories

HF ceiling adapter

For installation on suspended ceilings
For EANs, see page 47

Sensor-switched lights
WC facility

Classic look. Operating efficiency. The timeless RS PRO LED P2 indoor light with built-in 360° high-frequency sensor comes with basic light level function, blends harmoniously into all sorts of surroundings and even cuts an elegant figure in sanitary facilities. Depending on the size of a room, as many as ten of these sturdy and particularly impact-resistant lights can be interconnected by cables.

RS PRO **LED** P2

For EANs, see page 45

Basic light level function

Interconnection of up to 10 lights via cable

Impact-resistant IK07

16W giving up to 1810 lumens, 3000 or 4000 K

Ø 320 mm

Emergency light version in compliance EN 60598-2-22

Fan connection capability

Integrated 360° high-frequency sensor (also available without sensor)

	Radial / tangential detection zone
⊗	M = RS PRO LED P2 neutral white S = RS PRO LED P2 SL neutral white
	Lighting groups

Costing

Floor space	24 m²
Detection per light	Ø 8 m
Room height	Max. 4 m
Number of lights	5 each (2x master, 3x slave)
Cost of sensor-switched lights per m²	**€ 17.08***

*Prices excluding VAT
Calculation based on DIN EN 12464-1:
200 lux for WC facilities (degree of reflection 30, 70, 70%)

Installation advice

max. 4 m

max. 8 m
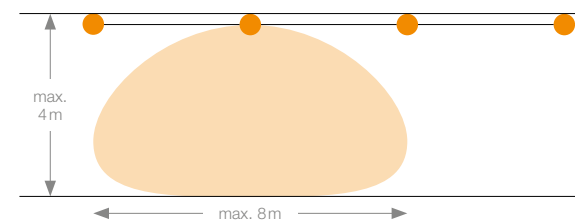
Quickly and easily, the lights can be interconnected by cable in a master-slave combination.

Alternative

RS PRO Connect R20

• 360° high-frequency sensor, Ø 10 m reach
• 16W giving up to 2000 lumens, 3000 K or 4000 K
• Wirelessly interconnectable light system
• Settings via free app
• Optional emergency-light in compliance with EN 60598-2-22

Product film

https://youtu.be/
FlgqSaK6lek

One-person office

Conspicuously inconspicuous – a favourite among architects and planners. Despite its tiny lens (15 x 15 mm) and an installed height of only 4 mm, the almost invisible IR Quattro MICRO 360° infrared presence detector leaves no margin of doubt with its 36 m² detection zone. The sensor also has a protection rating of IP65, making it dust-tight and protected against jets of water from any direction.

IR Quattro MICRO

SMART
REMOTE
READY

360° infrared presence detectors, for 36 m² square detection

Also suitable for rooms exposed to moisture (IP65)

COM1, DALI-2 input device, KNX

Only Ø 43 mm. Micro-precision lens, 15 x 15 mm.

7,5 cm

4,3 cm

Figure 1:1

1,5 cm

4 m

4 m

S

Presence detection zone
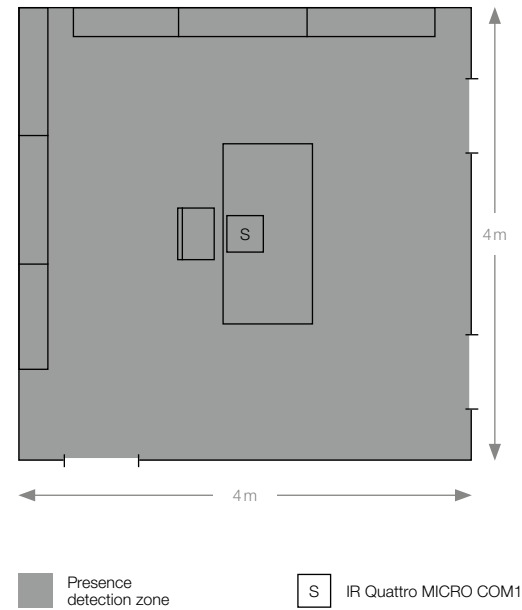
S — IR Quattro MICRO COM1
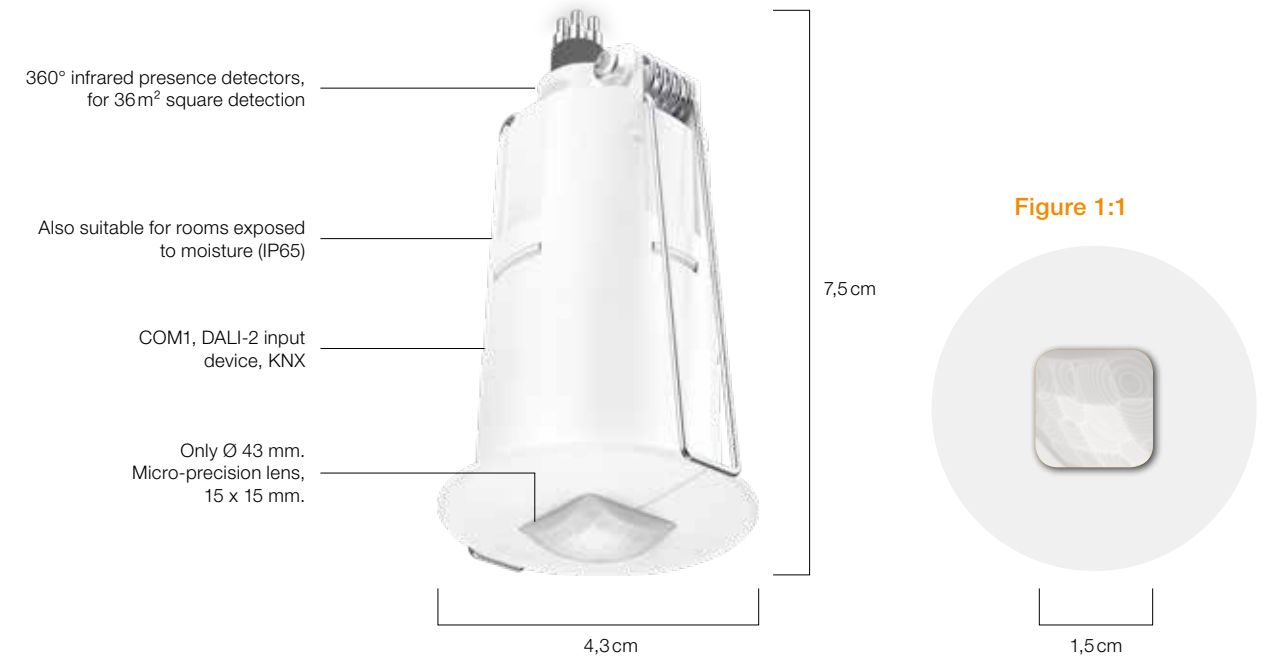
Costing

Floor space	16 m²
Detection per sensor	4 x 4 m
Room height	Max. 5 m
Number of sensors	1 each
Sensor costs per m²	**€ 6.25***

*Prices exclude VAT.

Installation advice

max. 5 m

max. 4 m
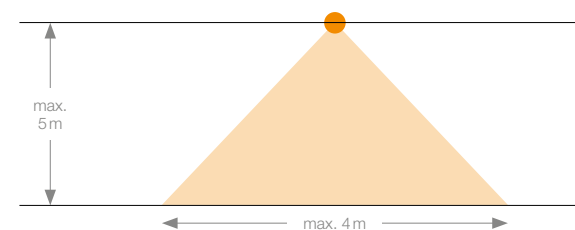
Virtually invisible, the sensor has an installed depth of 120 mm.

Alternative

IR Quattro

- 360° infrared presence detector
- Ideal for production areas with activities involving fairly minor movements
- Square detection zone, mechanically scalable
- Ceiling installation at a height of up to 10 m

Accessories

Smart Remote

Convenient sensor adjustment from the floor

The first true presence detector and new standard in building automation. True Presence® scores with its distinctive design and progressive technology. High-precision high-frequency measurement ensures unfailing detection. Over an area of 64 m², the True Presence® detects the presence or absence of persons with absolute reliability on the basis of micro-movements from human vital functions. Stay-ON times are very short, the detection zone can be defined with extreme accuracy. In the KNX version, the True Presence is also available as a multi-sensor with seven measurement variables (True Presence, brightness, room temperature, humidity, air pressure, volatile organic compounds (VOC and CO₂).
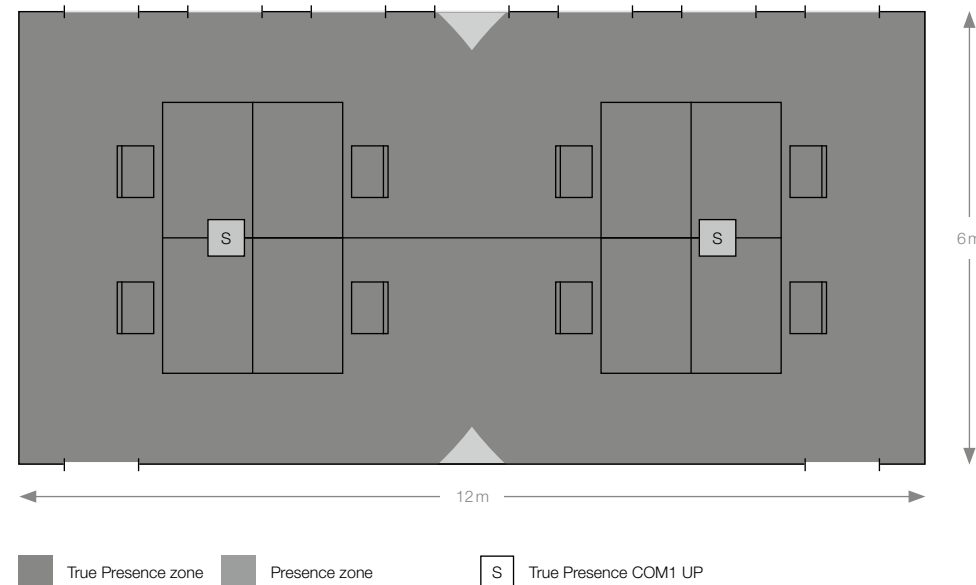
True Presence®

For EANs, see page 46

| | True Presence zone | | Presence zone | S | True Presence COM1 UP |

- The first true presence detector!
- Wireless interconnection and configuration via Bluetooth
- New, unique design
- Detection can be digitally configured
- COM1, COM2, DALI and KNX
- Mounting height 2 - 12 m

Costing

Floor space	72 m²
Detection per sensor (True Presence)	Ø 9 m
Room height	Max. 12 m
Number of sensors	2 each
Sensor costs per m²	€ 5.56*

*Prices exclude VAT.

Installation advice

max. 3,5 m

max. 9 m True Presence
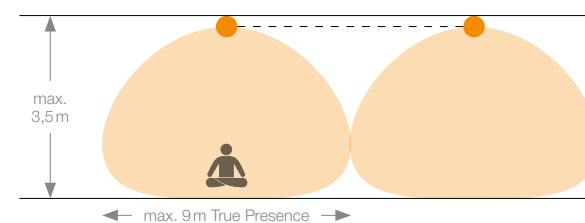
Using True Presence technology, the presence detector requires no stay-ON time. The innovative magnetic catch means that the cover can be fitted without tools. The settings can be made quickly and easily with the free app.

Alternative

IR Quattro HD
- 360° infrared presence detector
- Square detection zone, mechanically scalable

True Presence Multisensor KNX
- 7 detection variables: True Presence, brightness, room temperature, humidity, air pressure, volatile organic compounds (VOC) and CO₂

Product film

https://youtu.be/
9zWWLsKHpQ8

Conference room

The solution for conference and meeting rooms. With 4,800 switching zones, the IR Quattro HD infrared presence detector promises maximum detection quality as well as a presence detection zone of 64 m². The square detection footprint is mechanically scalable.
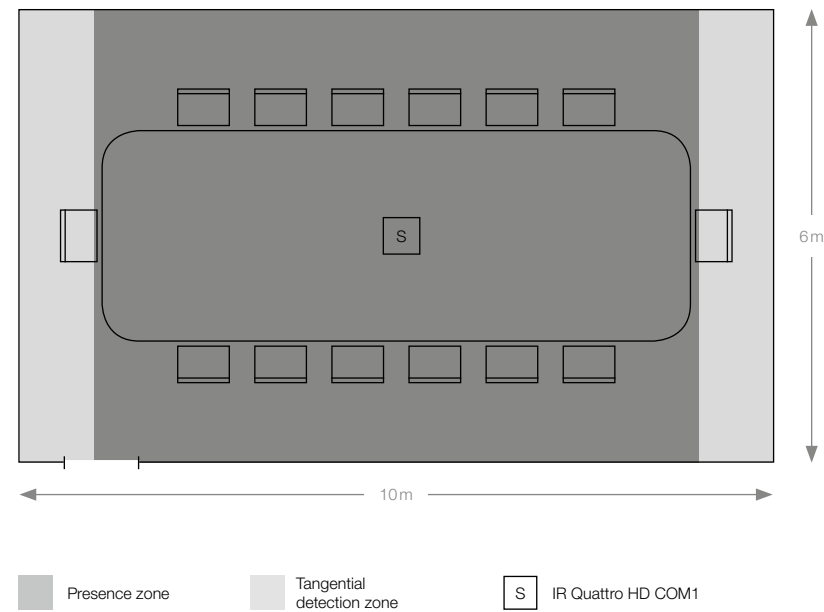
IR Quattro HD

For EANs, see page 46

SMART
REMOTE
READY

6m

10m

| | Presence zone | | Tangential detection zone | **S** | IR Quattro HD COM1 |

360° infrared
presence detector

Ceiling installation at a
height of up to 10 m

COM1, COM2, DIM,
DALI, DALI plus,
DALI-2 input device,
LiveLink, KNX

Square detection zone,
mechanically scalable

64 m² square
presence detection zone

4800 switching zones

Costing

Floor space	60 m²
Detection per sensor (presence) (tangential)	8 x 8 m 20 x 20 m
Room height	Max. 12 m
Number of sensors	1 each
Sensor costs per m²	€ 2.75*

*Prices exclude VAT.

Installation advice

max. 3,5 m

4.800 switching zones

max. 20 m
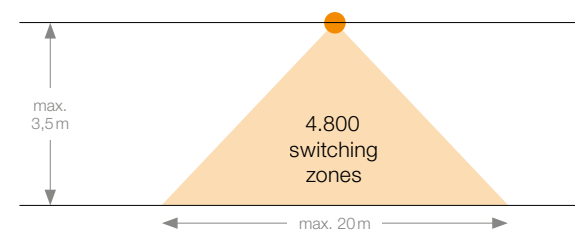
The sensor's detection zone can be scaled for a square footprint, ideally matching it to the shape of the room.

Alternative

True Presence®

- 64 m² True Presence® detection, 177 m² presence and motion detection
- Precisely adjustable digital detection zone
- New, unique design
- 2 - 12 m mounting height

Accessories

Smart Remote

Convenient sensor adjustment from the floor
For EANs, see page 47

Product film

Storeroom

Great for small rooms. Our IS 2360 ECO is attractively prices and absolutely reliable. With a tangential detection reach of Ø 7 m, the precision infrared surface-mounted sensor is designed specifically for watching over smaller-type areas, such as storage rooms. The detection zone can be quickly and easily adjusted using the shrouds provided.
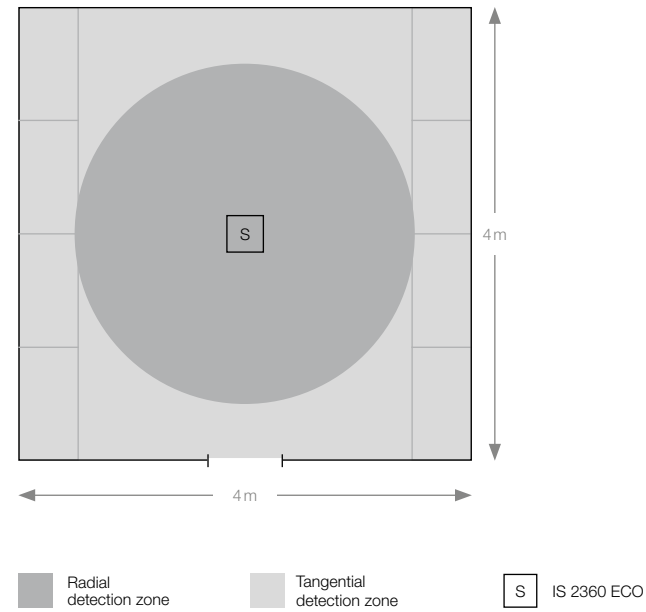
IS 2360 ECO

For EANs, see page 46

◼	Radial detection zone
◼	Tangential detection zone
S	IS 2360 ECO

IP rating: IP54

Switching capacity 2000 W,
6x LED/fluorescent lamps

360° infrared
motion detector

Optimum mounting
height 2.8 m
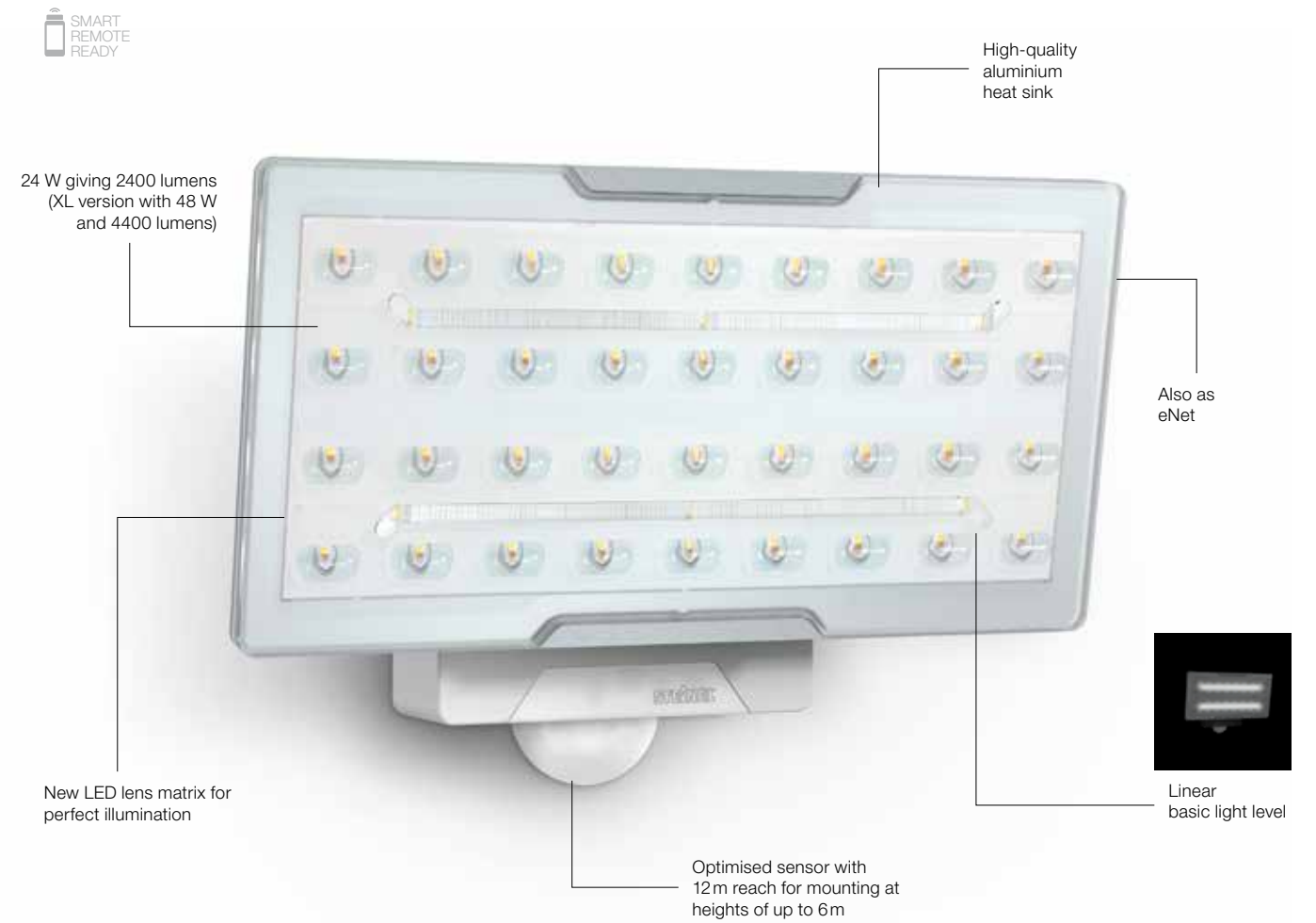
Reach
Ø 7 m

IP rating: IP54

Costing

Floor space	16 m²
Detection per sensor	Ø 7 m
Room height	Max. 4 m
Number of sensors	1 each
Sensor costs per m²	**€ 2.75***

*Prices exclude VAT.

Installation advice

max.
4 m

max. Ø 7 m
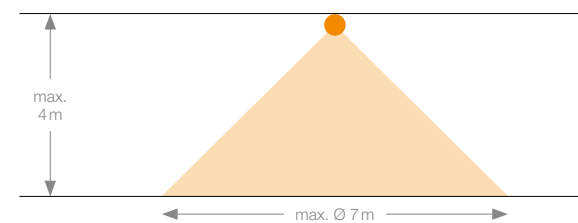
The sensor has a large terminal compartment for easy installation. Protected control dials for time and twilight settings ensure that the settings cannot be changed without further ado

Alternative

IR 180

- 180° infrared presence switch
- 20 m reach
- The KNX version indicates temperature and humidity levels measured
- Adapters for all commonly used 55 mm surrounds
- Available as 2 and 3-wire option

Detects without obstructions. Space-filling and sensitive. The US 360 ultrasonic sensor can be mounted at a ceiling height of 3.5 m. Thanks to the room-filling ultrasonic waves, cupboards, partitions or other obstacles are not a problem.

US 360

For EANs, see page 46

SMART
REMOTE
READY

8 m

16 m

	Radial detection zone
S	US 360 COM1 (COM2, if with ventilation control is wanted)

360° ultrasonic presence detector

COM1, COM2, DIM, DALI-2, LiveLink, KNX

Ultrasonic sensor waves envelop objects but do not pass through them

28 m² presence detection zone, ceiling mounting
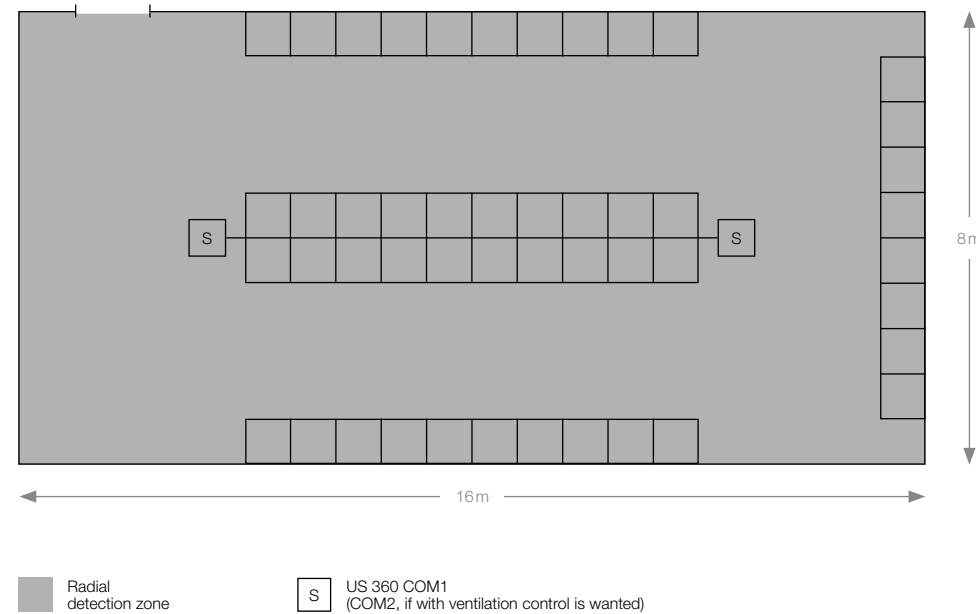
Costing

Floor space	128 m²
Detection per sensor	Ø 10 m
Room height	Max. 3.5 m
Number of sensors	2 each
Sensor costs per m² (COM 1)	€ 2.47*

*Prices exclude VAT.

Installation advice

max. 3,5 m

max. Ø 10 m
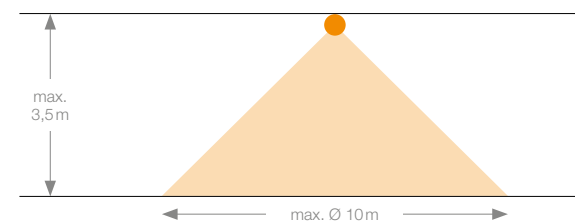
An optional surface adapter and a guard cage is available for the sensor. This also makes the sensor suitable for use in areas exposed to the risk of vandalism.

Alternative

IS 3360

- 360° infrared motion detector
- Ceiling installation at a height of up to 4 m
- Watches over up to 1,000 m², 20 m reach radius

Accessories

Smart Remote

Convenient sensor adjustment from the floor
For EANs, see page 47

Product film

https://youtu.be/FbBoy1lGF1U

Multi-storey / underground car park

Watches over a phenomenal 1,000 m². With its huge reach, our IS 3360 infrared sensor controls multi-storey car park illumination in relation to movement and ambient light level. Only a few sensors are needed to watch over a large area. The sensor is easily set from the floor via Smart Remote.

IS 3360

For EANs, see page 47

SMART REMOTE READY

Ceiling installation at a height of up to 4 m

Surface-mounted and concealed versions in both round and square designs

1416 switching zones

Watches over up to 1,000 m², 20 m reach radius

3 pyro sensors

Radial detection zone	Tangential detection zone	**S** IS 3360 PF Surface mounting, square

32 m

55 m
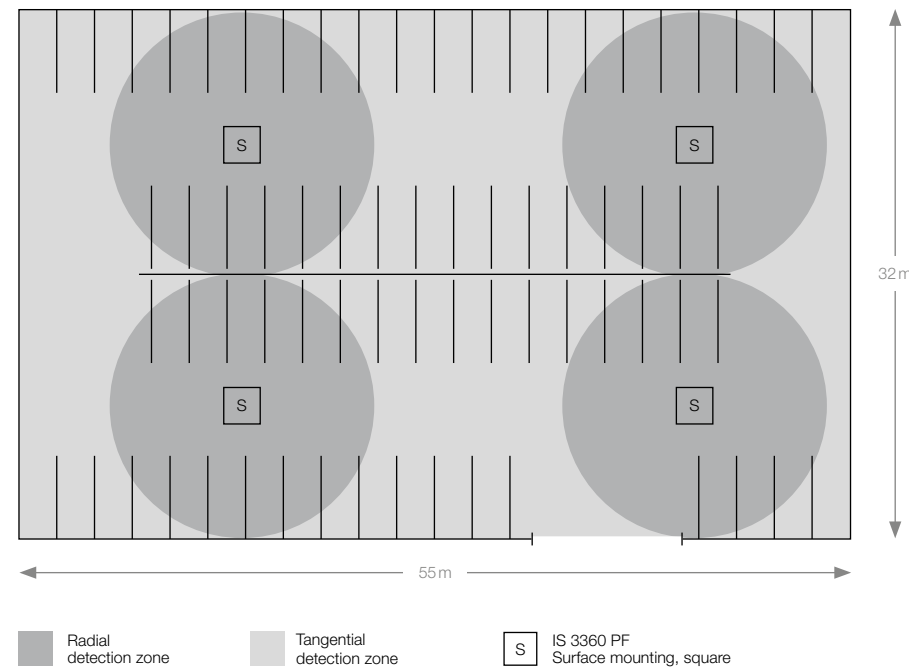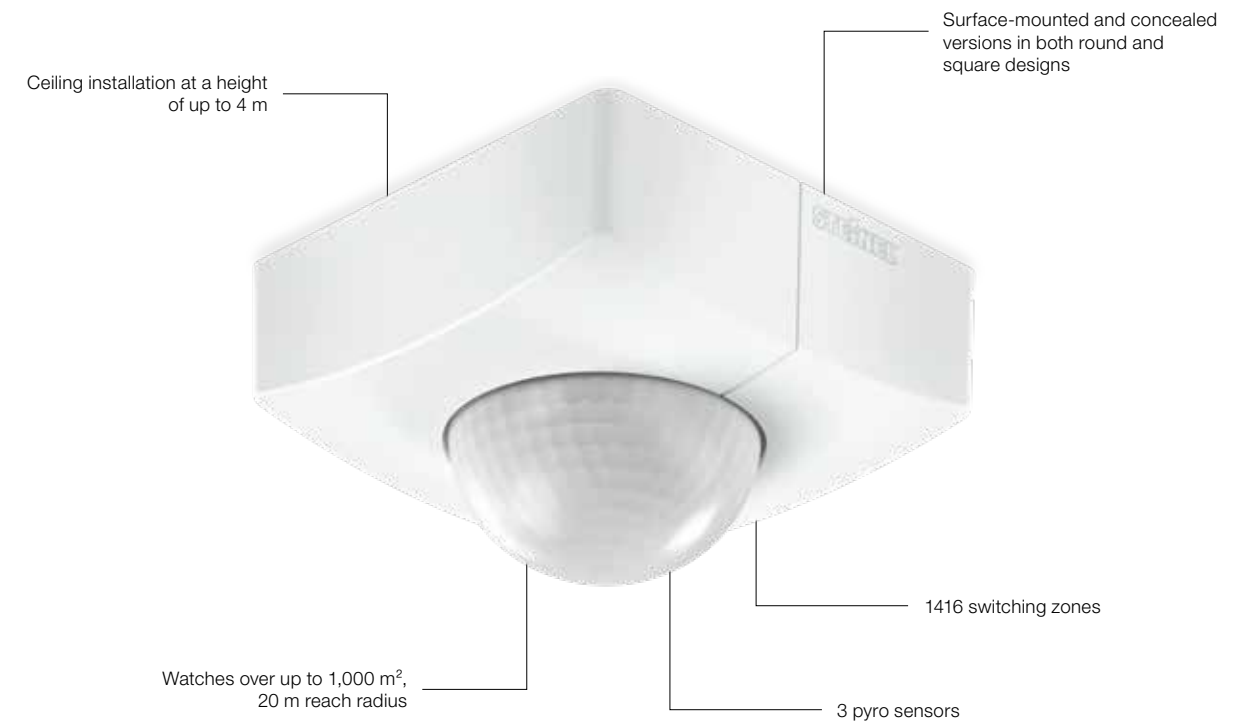
Costing

Floor space	1,760 m²
Detection per sensor	Ø 40 m
Room height	Max. 4 m
Number of sensors	4 each
Sensor costs per m²	€ 0.27*

*Prices exclude VAT.
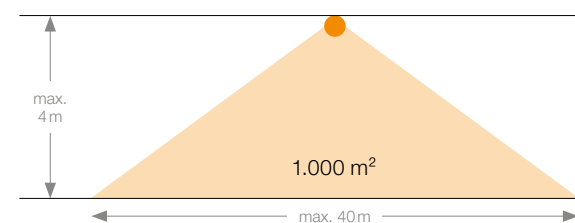
Installation advice

max. 4 m

1.000 m²

max. 40 m

Robust surface-mounted versions for use even under the most adverse of conditions. The large terminal compartment ensures fast and reliable wiring.

Accessories

Smart Remote

Convenient sensor adjustment from the floor
For EANs, see page 47

Multi-storey / underground car park

Connected lighting made easy. The sensor-switched LED diffuser lights from the RS PRO Connect 5100 LED series are easily and conveniently interconnected via Bluetooth. Everything is very easy to set using the app. For instance, lighting groups can be created or the neighbouring-group function activated in a matter of seconds. Thanks to the adjustable holder for using existing drill holes, installing the light couldn't be easier either. This saves a lot of time, particularly when it comes to refurbishing.
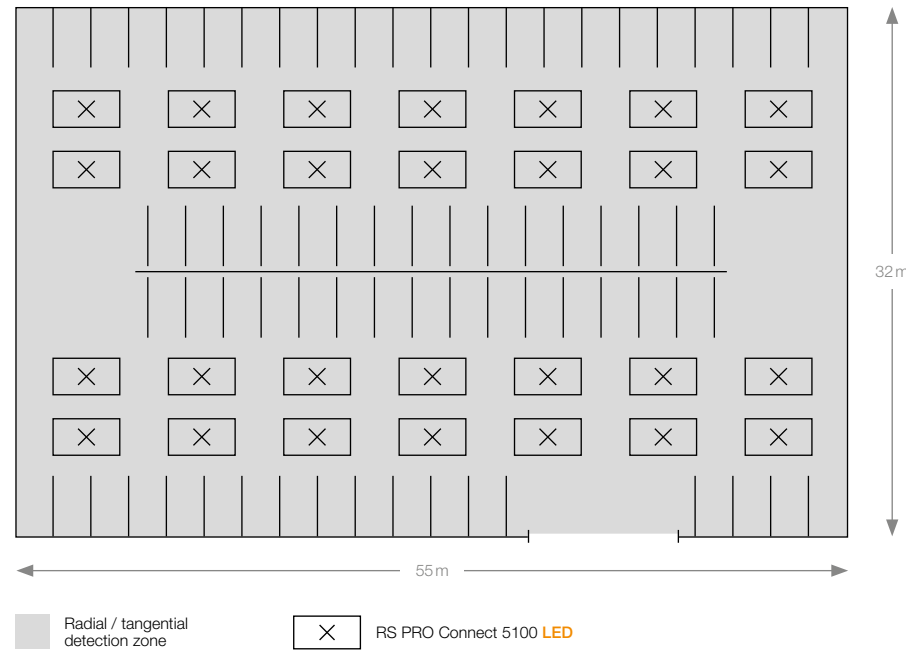
RS PRO Connect 5100 **LED**

For EANs, see page 47

App Store

Google Play

Sensor-switched
LED diffuser light

For rugged applications:
IP66, IK07

30W with
4206 lumens,
4000 K

L 1.370 x B 87 mm

360° high-frequency sensor,
Ø 10 m reach

Wireless interconnection via
Bluetooth, presence mode,
neighbouring-group function

Adjustable
basic light level 10 - 50%,
main light level 50 - 100%

32 m

55 m

Radial / tangential
detection zone

☒ RS PRO Connect 5100 **LED**
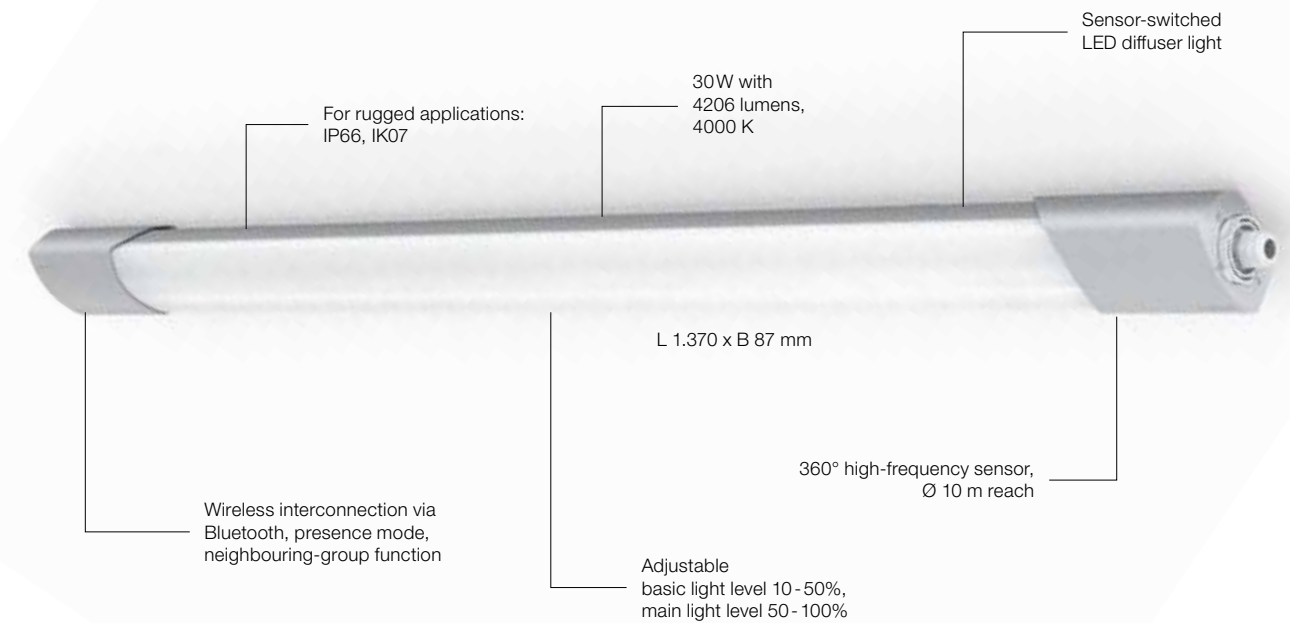
Costing

Floor space	1,760 m²
Detection per light	Ø 10 m
Room height	Max. 2.4 m
Number of lights	36 each
Cost of sensor-switched lights per m²	€ 4.30*

*Prices excluding VAT
Calculation based on DIN EN 12464-1:
75 lux for multi-storey car parks

Installation advice
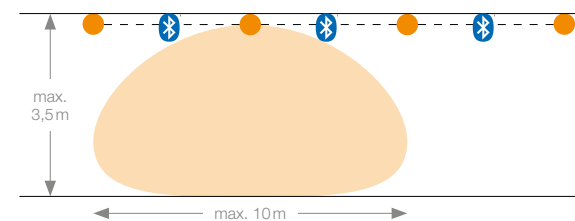
max.
3,5 m

max. 10 m

The lights are interconnected via Bluetooth, requiring no additional wiring. The lights can be mounted at existing drill holes using the variable holders.

Product film

https://youtu.be/
A9xQRPoEYDY

Outdoors

Everything under control outside too. With the sensIQ. The mechanically scalable infrared motion detector is suitable for wall, corner or ceiling mounting up to a height of 6 m and is available with COM1, KNX and eNet interfaces. It is interconnectable, provides sneak-by protection and watches over 3 x 100° detection segments (individually adjustable).

sensIQ

For EANs, see page 47

SMART REMOTE READY

300° motion detector for outdoors

Wall, corner or ceiling mounting

1360 switching zones

COM1, KNX, eNet

Three 100° zones and sneak-by guard. Each zone can be mechanically adjusted from 2 – 20 m

Installation at a height of up to 5 m

Including corner wall mount and remote control

60 m

20 m

Bay 1   Bay 2   Bay 3   Bay 4

Radial detection zone
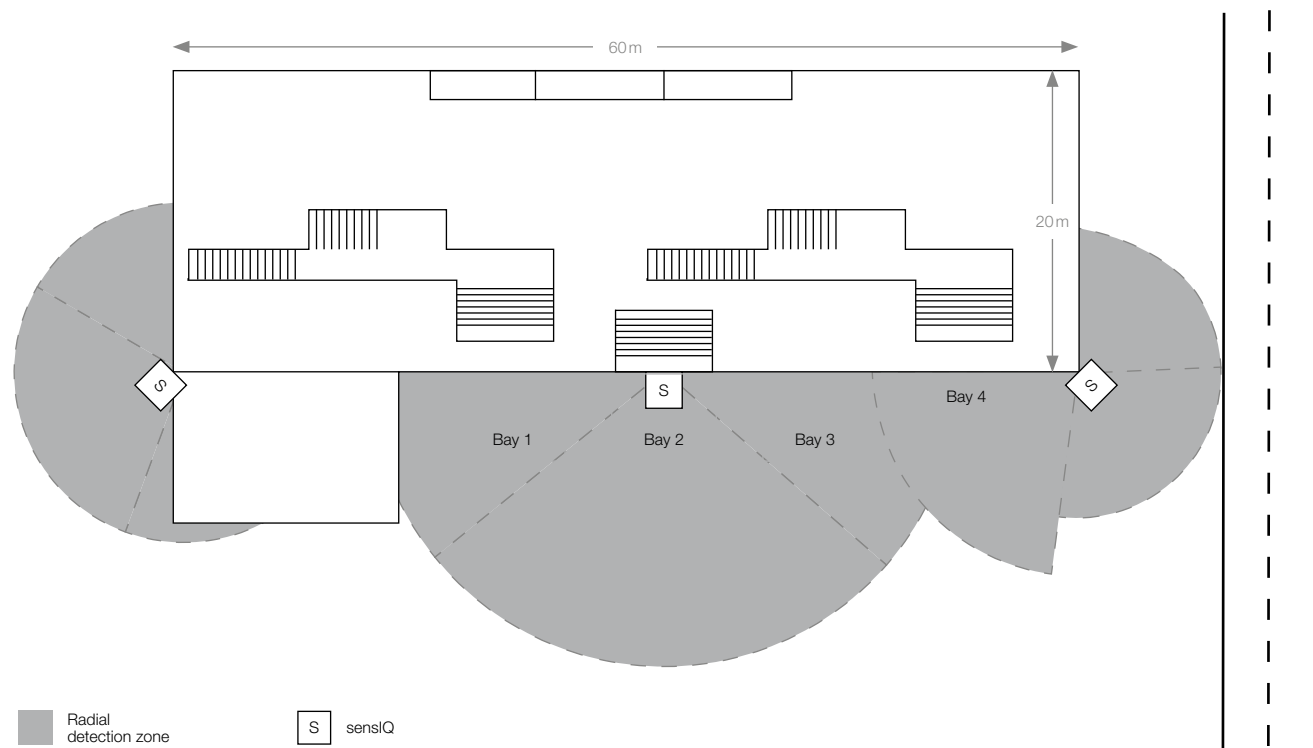
S   sensIQ

Costing

Floor space	3,141 m²
Detection per sensor	Max. 20 m
Mounting height	Max. 6 m
Number of sensors	3 each
Sensor costs per m²	€ 0.14*

*Prices exclude VAT.

Installation advice

max. 6 m

100°   100°   100°

2-20 m   2-20 m   2-20 m
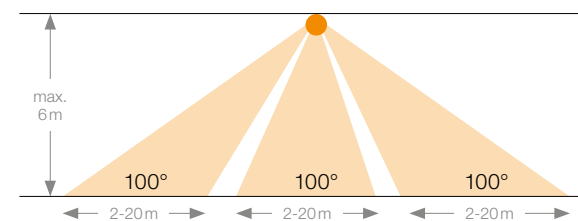
The maximum mounting height of 6 m makes the sensIQ the ideal sensor for tall buildings. If sensor settings need to be changed after installation, this can easily be done from the ground using the Smart Remote.

Alternative

sensIQ S

• 300° motion detector for outdoors
• Wall or corner mounting
• Three 100° zones and sneak-by guard
• Each zone can be mechanically adjusted from 2 – 20 m
• Including corner wall mount and remote control

Accessories

Smart Remote

Convenient sensor adjustment from the floor
For EANs, see page 47

Product film

Perfect illumination for greater security. The sensor-switched XLED PRO Wide LED floodlight impresses with a perfectly linear light pattern, creating a sense of security. From a height of up to 6 m, for example, the power spotlight can illuminate an area of 16 x 6 m along buildings with day-bright light and effectively deter uninvited guests.
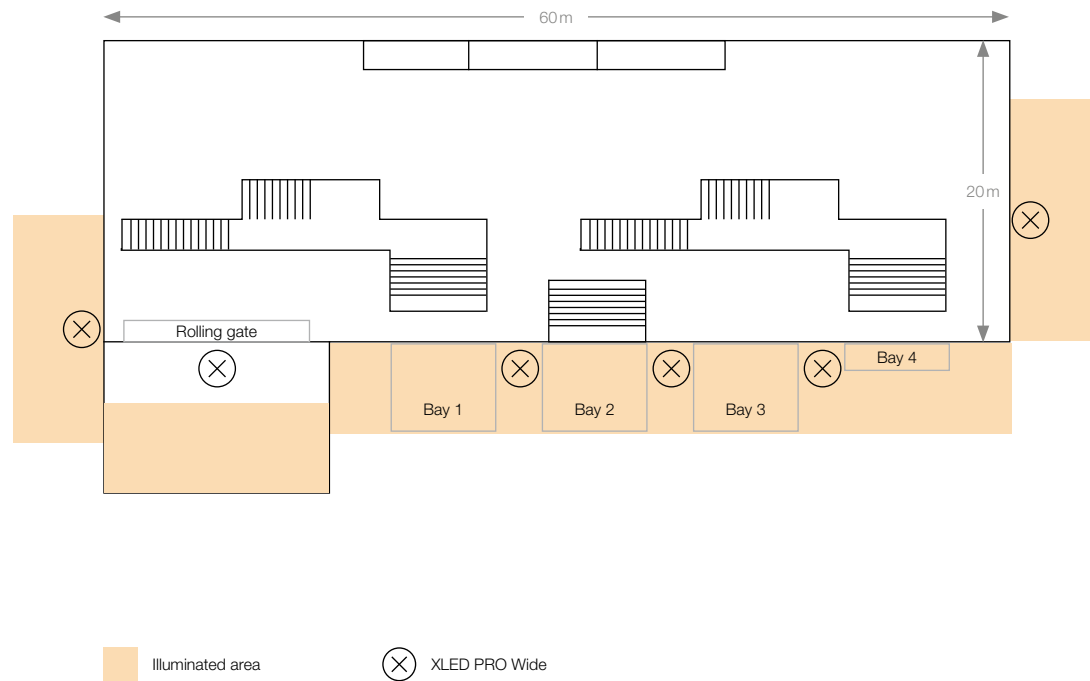
XLED PRO Wide

For EANs, see page 47

SMART REMOTE READY

High-quality aluminium heat sink

24 W giving 2400 lumens (XL version with 48 W and 4400 lumens)

Also as eNet

New LED lens matrix for perfect illumination

Optimised sensor with 12 m reach for mounting at heights of up to 6 m

Linear basic light level

60 m

20 m

Rolling gate

Bay 1   Bay 2   Bay 3   Bay 4

Illuminated area   ⊗ XLED PRO Wide

Costing

Floor space	576 m²
Illuminated area	6 x 16 m
Mounting height	Max. 6 m
Number of floodlights	6 each
Sensor-switched floodlight costs per m²	**€ 3.43***

*Prices exclude VAT.

Installation advice

max. 6 m

6 m   16 m
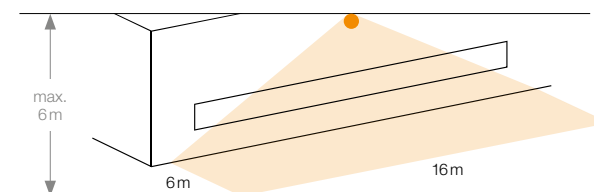
Alternative

XLED PRO 240

- 240° infrared sensor with 12 m reach
- 20 W giving 1830 lumens
- Mounting height up to 6 m
- Fully swivelling LED panel
- Including corner wall mount bracket
- Slave version available

Accessories

Smart Remote

Convenient sensor adjustment from the floor
For EANs, see page 47

Product film

https://youtu.be/2Mef96y3uT8

Planning
RELUX / DIALux

RELUX. Do you want direct access to our comprehensive collection of lighting and sensor data for planning the perfect solution? This software not only provides you with all the data for planning lighting and lights from STEINEL, but also for accurately configuring the detection zone of our sensors - including visual displays. Available for download at www.relux.ch

DIALux. DIALux constantly offers you support with all lighting data and in meeting national and international guidelines, calculates your particular energy requirement and displays your planning results in photo-realistic quality. Light distribution curves and technical specifications are available for downloading from www.dial.de.

| tangential | radial | presence |

RELUX®   **DIALux**

Spot on rather than a rough estimate.
PROLog

Precision measurement rather than rough estimate: with PROLog, we analyse exactly how much energy you can save by using intelligent STEINEL sensor technology and calculate your prospective returns.
The measured light levels and calculated volume of foot traffic provide an objective basis for optimising lighting control. This service is free.

Service
Sensor specialists

Contact our specialists from the Technical Backoffice with regard to any matter of lighting and sensor planning.

Free planning service
PROLog / DIALux / Relux

Phone: +49 (0)5245 448 307
Fax: +49 (0) 5245 448 197

Mail: objekte@steinel.de

Always find the right solution
www.sensorguide.de

As from now, you can access the online version of our sensor guide.
This is where you will find the right sensor for your application and can immediately get all of the latest product details on our sensors and sensor-switched lights at a glance.

High-bay warehouse

Aisle sensors

Sensor-switched lights

Production facilities

Motion detectors

Corridor

Aisle sensors

Sensor-switched lights

Stairwell

Presence detectors

Sensor-switched lights

WC facility

Presence detectors

Sensor-switched lights

One-person office

Presence detectors

Open-plan office

True Presence®

Conference room

Storeroom

Changing rooms

Multi-storey / underground car park

Multi-storey / underground car park

Outdoors

Accessories

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