



# Residential Sensor Guide 2023







## Steinel - Building Intelligence **New Business Opportunities**

For over 60 years, STEINEL has been inventing and developing technological products that are far ahead of their time and can change entire markets. Today, this tradition is alive more than ever. Innovative inventions in harmony with human needs. For us, STEINEL is a model for the future, with a history. We call it: the inventors' company



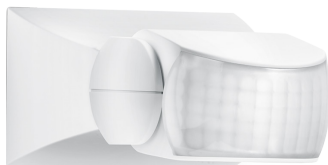


# Contents

	IP Rating	Mounting	Reach	
Motion Detectors - IS 1	IP54	Wall / Ceiling	10m	04
Motion Detectors - IS 360 -1	IP54	Ceiling / Recessed	4m	05
Motion Detectors - IS 2160 ECO	IP54	Wall	12m	06
Motion Detectors - IS 2140 ECO	IP54	Wall	14m	07
Motion Detectors - IS 2300 ECO	IP54	Wall & Corner	12m	08
Motion Detectors - IS 2360 ECO	IP54	Ceiling	3.5m	09
Motion Detectors - IS360 - 3 / IS 2360 ECO	IP54	Ceiling	12m	10
Motion Detector - IS 2180 ECO	IP54	Wall	12m	11
Motion Detector - SensIQ S	IP54	Wall	20m	12
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Presence Detector - IR Quattro MICRO	IP65	Ceiling Recessed	6m	14
Photo-cell Controller - NightMatic 2000	IP54	Surface	N/A	15



**ESC Code:** 600419 (Black)



**ESC Code:** 600310 (White)

## High Tech. Low Energy.

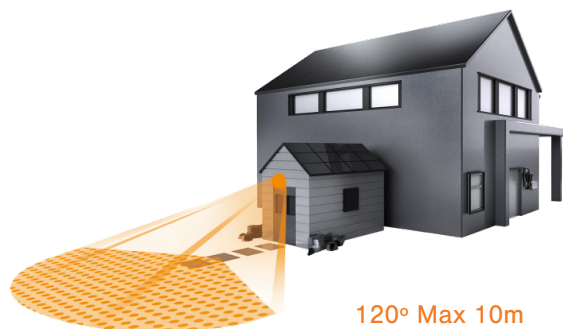
Are you looking for best value sensor on the market? The IS1 infrared motion detector comes with perfected technology, reliability and attractive design. The IS1 can be mounted on the wall or ceiling and is the perfect solution for monitoring areas, with precision targeting in front of buildings and on driveways. It also provides excellent quality of detection and can be tailored to the specific conditions on site.

Scan Here



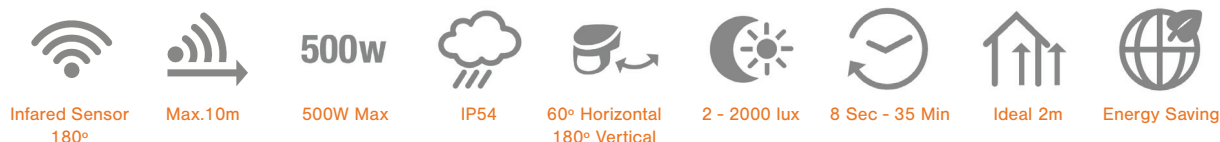
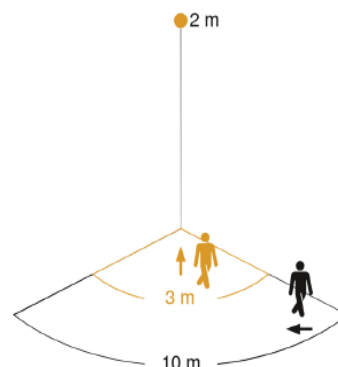
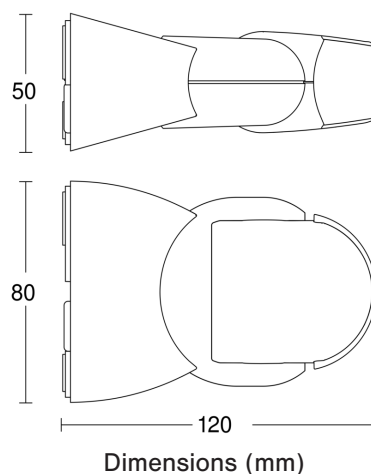
### Ideal Application:

- Entrance Areas
- Driveways
- Garage Entrances
- Outdoors
- Balcony



Dimensions (mm)	80 x 50 x 120
Detection Area	120°
IP Rating	IP54
Max. Reach	10m
Adjustment (Horizontal / Vertical)	60° / 180°
Delay Time	8 Sec - 35 Min
Mounting Height	1.8 - 3.0m
Light Level Settings	2 - 2000 lx
Mounting	Wall / Ceiling
Warranty	3 Years
Settings	Analogue Adjustments

Max. Load on Switched Relay Output (L')	
GLS	500W
LED	64W







**ESC Code:** 032852 (Black)



**ESC Code:** 032845 (White)

## STEINEL inside. Intelligent Technology for Installation

The perfect infrared sensor for installing in projecting roofs and suspended ceilings. The IS 360-1 has a reach of up to 4 metres and an impressive 360° angle of coverage. The detection zone can be adjusted where necessary by using shrouds.

Scan Here



### Ideal Application:

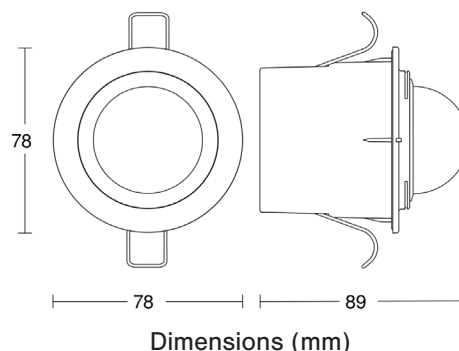
- Projecting Roofs
- Suspended Ceilings
- Indoors / Outdoors
- Front Door
- Balcony



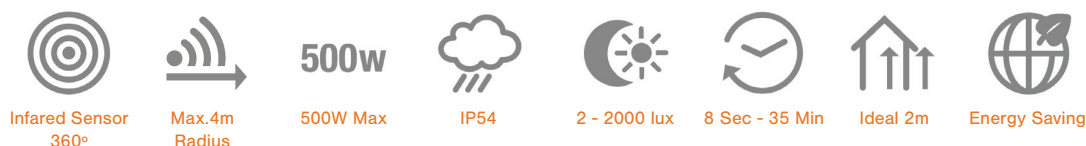
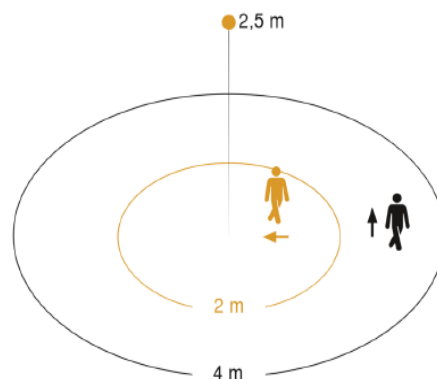
360° Max 4m

Dimensions (mm)	Ø78 x 89
Detection Area	360°
IP Rating	IP54
Max. Reach	4m Radius
Adjustment (Horizontal / Vertical)	N/A
Delay Time	8 Sec - 35 Min
Mounting Height	2.5 - 4.0m
Light Level Settings	2 - 2000 lx
Mounting	Ceiling, Recessed
Warranty	3 Years
Settings	Analogue Adjustments
Cut Out	Ø68mm

Max. Load on Switched Relay Output (L')	
GLS	500W
LED	64W



Dimensions (mm)







**ESC Code:**  
605919 (Black)



**ESC Code:**  
606015 (White)

## Huge Flexibility, at an Affordable Price.

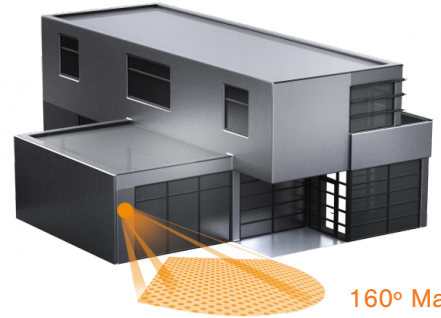
Affordable and ideally suited to small-type premises, garage approaches and entrance ways. Not only impressing with outstanding value for money, this sensor also provides an attractive design and incredible flexibility.

Scan Here



### Ideal Application:

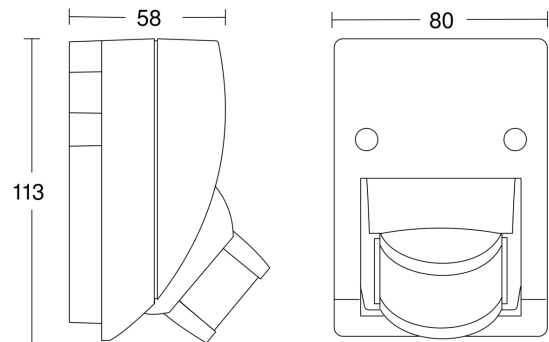
- Larger Entrance Areas
- Driveways
- Garage Entrances
- Outdoors



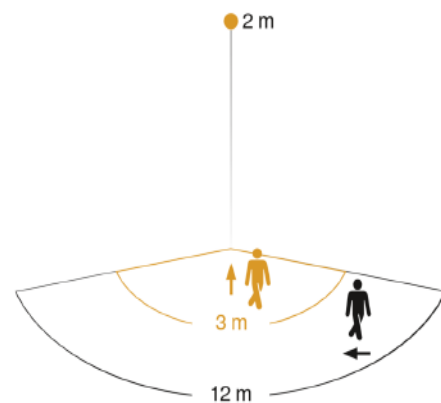
160° Max 12m

Dimensions (mm)	80 x 113 x 73
Detection Area	160°
IP Rating	IP54
Max. Reach	12m
Adjustment (Horizontal / Vertical)	40° / 70° Tilt
Delay Time	8 Sec - 35 Min
Mounting Height	1.8 - 3.0m
Light Level Settings	2 - 2000 lx
Mounting	Wall
Warranty	5 Years
Settings	Analogue Adjustments

Max. Load on Switched Relay Output (L')	
GLS	600W
LED	64W



Dimensions (mm)



- Infrared Sensor  
160°
- Max.12m
- 600 W Max
- IP54
- 40° Horizontal  
70° Vertical
- 2 - 2000 lux
- 8 Sec - 35 Min
- Ideal 2m
- Energy Saving





**ESC Code:**  
034689 (Black)



**ESC Code:**  
034672 (White)

## Getting Started with the Classic Sensor

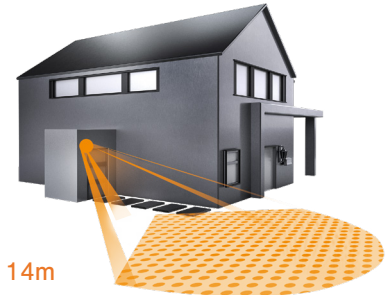
Are you toying with the idea of fitting a motion detector to your building? The infrared controlled IS 2140 motion detector gives you all the benefits of a modern detector, with a larger adjustment angle, even longer reach and even better detection performance.

Scan Here



### Ideal Application:

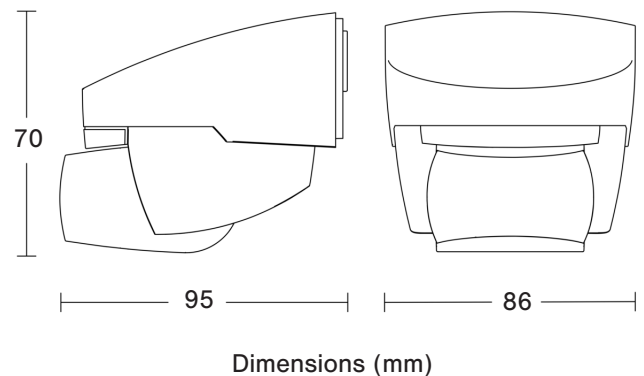
- Entrance Areas
- Driveways
- Garage Entrances
- Indoors / Outdoors



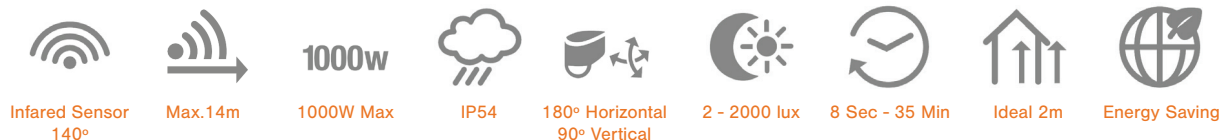
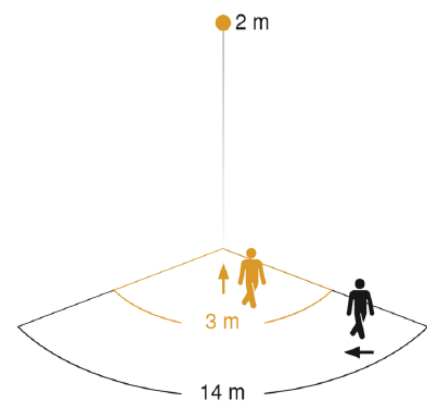
140° Max 14m

Dimensions (mm)	70 x 86 x 95
Detection Area	140°
IP Rating	IP54
Max. Reach	14m
Adjustment (Horizontal / Vertical)	180° / 90°
Delay Time	8 Sec - 35 Min
Mounting Height	1.8 - 3.0m
Light Level Settings	2 - 2000 lx
Mounting	Wall
Warranty	5 Years
Settings	Analogue Adjustments

Max. Load on Switched Relay Output (L')	
GLS	1000W
LED	64W



Dimensions (mm)







**ESC Code:**  
034726 (Black)



**ESC Code:**  
034719 (White)

## Minimal Dimensions. Maximum Detection Performance.

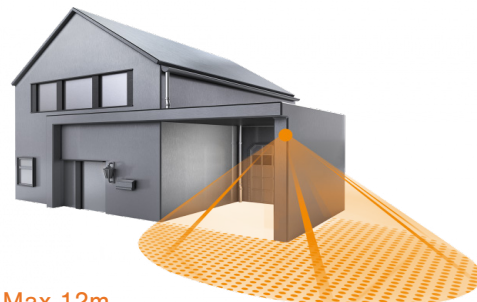
For the more obscure building corners, winding corridors and passageways, the corner specialist IS 2300 ECO has what it takes. The 3 pyro sensors work together to give it a coverage angle of no less than 300°. It's also a powerful performer in terms of switching capacity and can reliably automate lighting systems made up of several luminaires all around the building.

Scan Here



### Ideal Application:

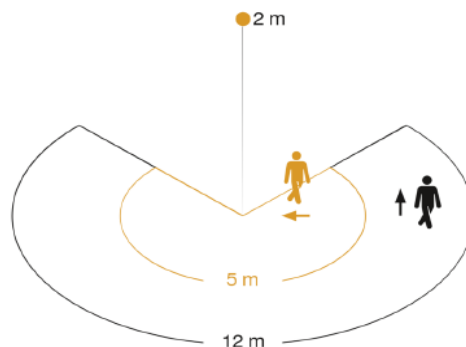
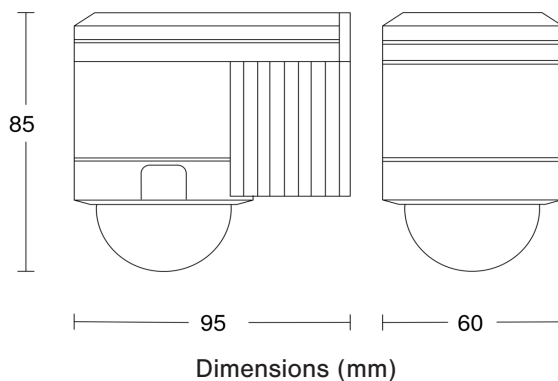
- Corners Around Building
- Outdoors
- Front Door
- Balcony



300° Max 12m

Dimensions (mm)	85 x 60 x 95
Detection Area	300°
IP Rating	IP54
Max. Reach	12m
Adjustment (Horizontal)	80°
Delay Time	10 Sec - 15 Min
Mounting Height	1.8 - 4.0m
Light Level Settings	2 - 2000 lx
Mounting	Wall & Corner
Warranty	5 Years
Settings	Analogue Adjustments

Max. Load on Switched Relay Output (L')	
GLS	2000W
LED	64W



Infrared Sensor  
300°



Max.12m

2000w

2000 W  
Max



IP54



80° Horizontal



2 - 2000 lux



10 Sec - 15 Min



Ideal 2m



Energy Saving



ESC Code: 006556

## Slips into the background. And detects every movement.

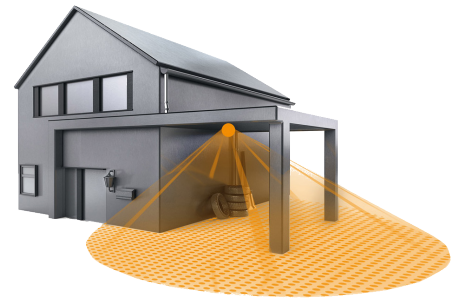
Stylish infrared ceiling sensor has an unobtrusive compact look. The surface-mounted IS 2360 motion detector, uses passive infrared sensor technology and is the perfect choice for porches and small rooms. It provides a 360° detection zone that can be matched to any specific situation by means of shrouds. With a reach of 3.5m, it reliably detects all movements with absolute precision.

Scan Here



### Ideal Application:

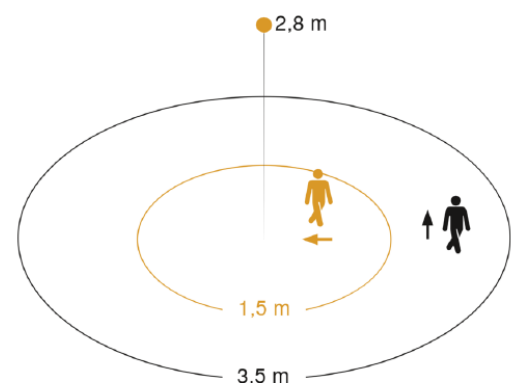
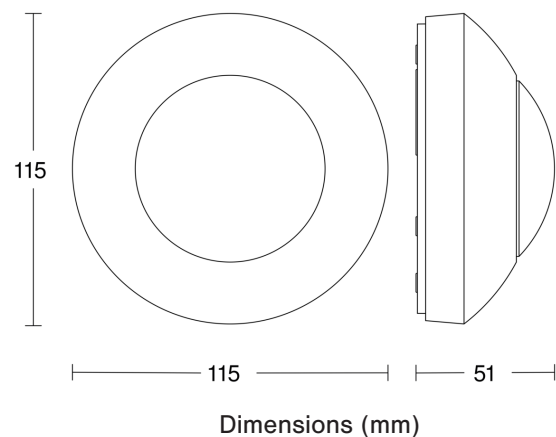
- Corners Around Building
- Outdoors
- Front Door
- Balcony



360° Max Ø3.5m

Dimensions (mm)	Ø115 x 51
Detection Area	360°
IP Rating	IP54
Max. Reach	3.5m Radius
Adjustment (Horizontal / Vertical)	N/A
Delay Time	8 Sec - 35 Min
Mounting Height	2.0 - 4.0m
Light Level Settings	2 - 2000 lx
Mounting	Ceiling Mount
Warranty	5 Years
Settings	Analogue Adjustments

Max. Load on Switched Relay Output (L')	
GLS	2000W
LED	64W



Infrared Sensor  
300°



Max. 3.5m  
Radius

2000w

2000 W  
Max



IP54



2 - 2000 lux



8 Sec - 35 Min



Ideal 2m



Energy Saving





**ESC Code:**  
006525 (Black)  
(IS 360 - 3)



**ESC Code:**  
057770 (White)  
(IS 2 360 ECO)

## The Multi -Talent Sensor for Indoors and Outdoors.

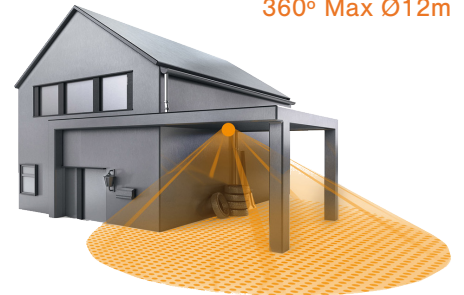
The infrared ceiling sensor that satisfies all demands and is simple to install and setup. Thanks to its three pyro sensors, the infrared surface-mounted sensor has an impressive 360° angle of coverage and a range of up to 12 metres. The detection zone can be set to any requirement by fitting shrouds.

Scan Here



### Ideal Application:

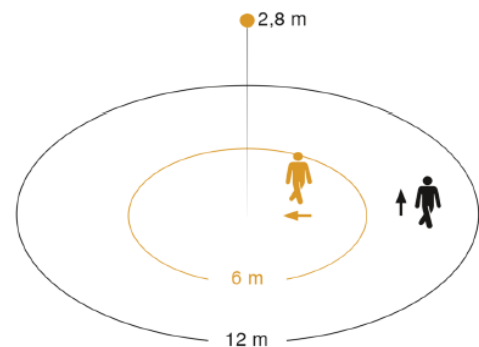
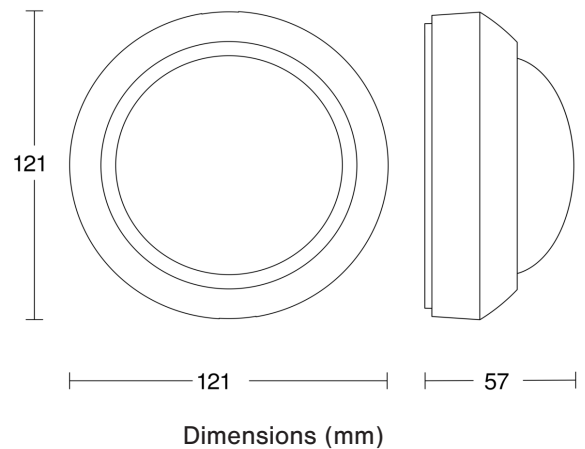
- Outdoors / Indoors
- All Around the Building
- Carports
- Large Soffits



360° Max Ø12m

Dimensions (mm)	Ø121 x 57
Detection Area	360°
IP Rating	IP54
Max. Reach	12m Radius
Adjustment (Horizontal / Vertical)	N/A
Delay Time	5 Sec - 15 Min
Mounting Height	2.5 - 6.0m
Light Level Settings	2 - 1000 lx
Mounting	Ceiling Mount
Warranty	3 Years
Settings	Analogue Adjustments

Max. Load on Switched Relay Output (L')	
GLS	2000W
LED	600W



Infrared Sensor  
360°



Max. Ø12m  
Radius

2000w

2000 W  
Max



IP54



2 - 1000 lux



5 Sec - 15 Min



Ideal 2m



Energy Saving

## Motion Detector - IS 2180 ECO



### Cuts a Fine Figure, Both on the Wall, and as a Guard Dog

The perfect choice for watching over areas of up to 200 m<sup>2</sup>. Not only impressing with top-class sensor technology, this one also pleases the eye with its modern design that fits perfectly into the overall picture on contemporary architecture.

Scan Here

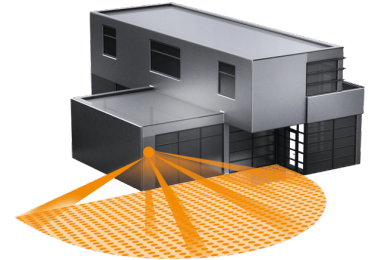


**ESC Code:**  
034702 (Black)

**ESC Code:**  
034696 (White)

#### Ideal Application:

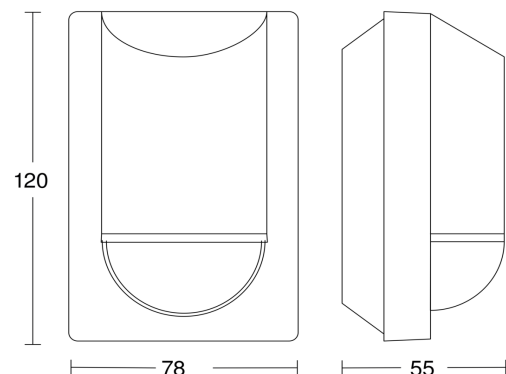
- Outdoors
- Front Door
- Balcony
- Driveway



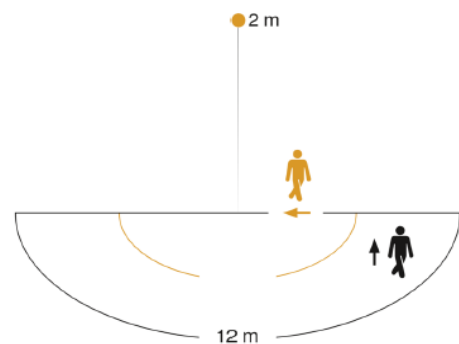
180° Max Ø12m

Dimensions (mm)	120 x 78 x 55
Detection Area	180°
IP Rating	IP54
Max. Reach	12m Radius
Adjustment (Horizontal / Vertical)	N/A
Delay Time	5 sec - 15 Min
Mounting Height	1.80 - 4.00m
Light Level Settings	2 - 2000 lx
Mounting	Wall
Warranty	5 Years
Settings	Analogue Adjustments

Max. Load on Switched Relay Output (L')	
GLS	2000W
LED	64W



Dimensions (mm)



Infrared Sensor  
180°



Max. Ø12m

2000w

2000 W  
Max



IP54



2 - 1000 lux



5 Sec - 15 Min



Ideal 2m



Energy Saving



## Motion Detector - SensIQ S



**ESC Code:**  
034979 (Black)

**ESC Code:**  
034955 (White)

### The King of Motion Detectors.

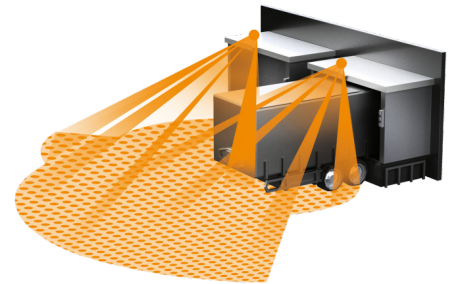
Most motion detectors sit around inconspicuously on a wall or ceiling. Not so the sensIQ. Its design is so spectacular that it makes for a stylish signature on any façade. Behind its internationally acclaimed form is intelligent technology that is second to none. The detection reach of the four pyro sensors can easily be scaled in three directions using control dials.

Scan Here



### Ideal Application:

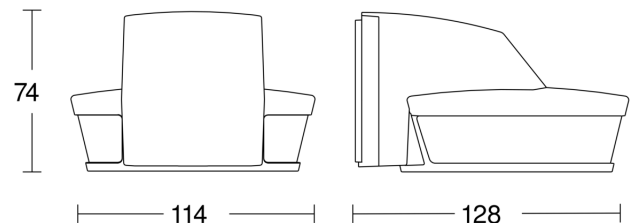
- Indoors / Outdoors
- Larger Areas



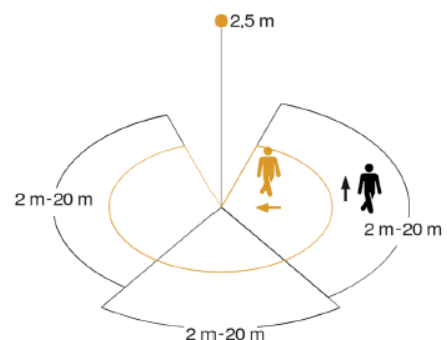
300° Max. 20m in 3 directions

Dimensions (mm)	114 x 74 x 128
Detection Area	300°
IP Rating	IP54
Max. Reach	3 x 20m
Adjustment (Horizontal / Vertical)	N/A
Delay Time	5 sec - 15 Min
Mounting Height	2.00 - 5.00 m
Light Level Settings	2 - 2000 lx
Mounting	Wall Mount
Warranty	5 Years
Settings	Analogue Adjustments / Smart Remote

Max. Load on Switched Relay Output (L')	
GLS	2000W
LED	600W



Dimensions (mm)



Note: Smart Remote as accessory available - 009151



Infrared Sensor  
3 x 100°



3 Zones  
Scalable 2-20m

2000w

2000 W  
Max



IP54



2 - 2000 lux  
Daylight  
Operation



5 Sec - 15 Min



Ideal  
2 - 5 m

TEACH

Teach Mode



Energy  
Saving

## Motion Detector - iHF 3D



**ESC Code:**  
007591 (Anthracite)



**ESC Code:**  
007577 (White)

### Makes All the Difference Outside. Precisely Where You Want It To.

The iHF 3D is the perfect motion detector for outdoors. Whether on facades, carports, patios or car parks – the intelligent high-frequency sensor only switches light on when it's really needed. Firstly, because it can distinguish human movements from the movements made by bushes, small animals and rain. And secondly, because users can set the maximum detection radius of 7 metres in all three dimensions with absolute precision to suit their particular needs and can do all this in any weather!

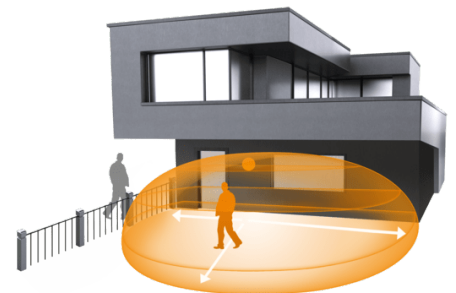
Scan Here



#### Ideal Application:

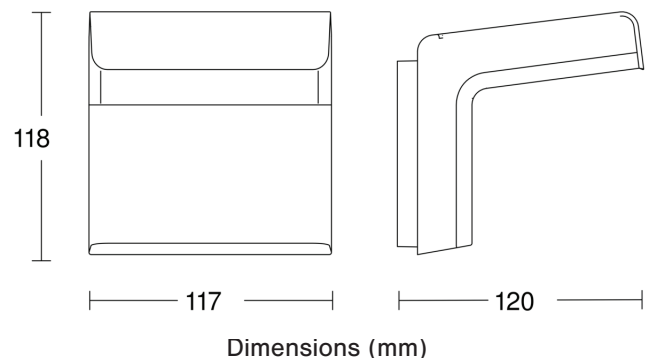
- Outdoors

160° Max. 7m in 3 directions

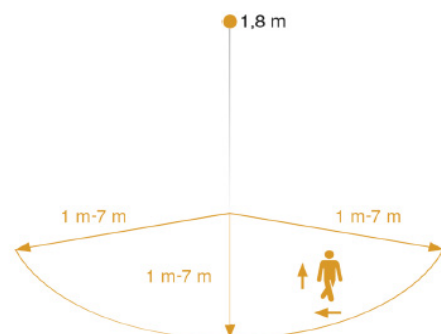


Dimensions (mm)	118 x 117 x 120
Detection Area	160°
IP Rating	IP54
Max. Reach	3 x 7m
Adjustment (Horizontal / Vertical)	N/A
Delay Time	10 sec - 30 Min
Mounting Height	1.80 - 2.00 m
Light Level Settings	2 - 2000 lx
Mounting	Wall Mount
Warranty	5 Years
Settings	Analogue Adjustments / Smart Remote

Max. Load on Switched Relay Output (L')	
GLS	2000W
LED	450W



Note: Smart Remote as accessory available - 009151



Intelligent High  
Frequency  
Sensor 160°



3 Zones  
Scalable 3 x  
1-7m, max. 7m



2000 W  
Max



IP54



2 - 2000 lux



10 sec - 30 min



Manual  
Override



Ideal 2m



TEACH  
Mode



Energy Saving



## Presence Detector - IR Quattro MICRO



ESC Code: 053789

### Small, Precise and Effective.

Specified by planners and architects. The IR Quattro MICRO fulfils is small in size and the low profile design makes it perfect for applications where disturbing installations on the ceiling are to be avoided. The micro-precision lens measures just 15 x 15 mm. Its performance is nevertheless stunning. The 360° infrared presence detector detects 36 m<sup>2</sup>. And the IP65 classification lets you install it in areas that are subject to moisture.

Scan Here



### Ideal Application:

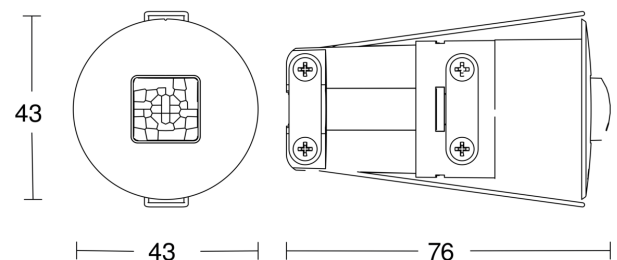
- One-Person Office
- Shower
- Wet Rooms
- Restrooms



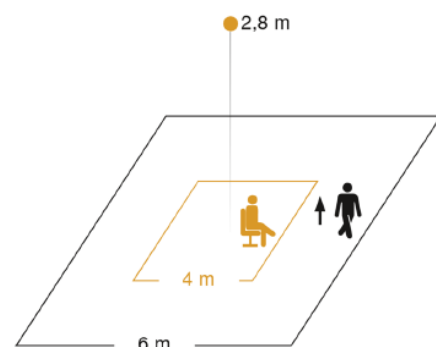
360° Max 6m<sup>2</sup>

Dimensions (mm)	Ø43 x 76
Detection Area	360°
IP Rating	IP65
Max. Reach	6m Square
Adjustment (Horizontal / Vertical)	N/A
Delay Time	5 Sec - 60 Min
Mounting Height	2.0 - 5.0m
Light Level Settings	2 - 1000 lx
Mounting	Recessed Mount
Cut Out (mm)	Ø35
Warranty	5 Years
Settings	Smart Remote Only

Max. Load on Switched Relay Output (L')	
GLS	1000W
LED	600W



Dimensions (mm)



Note: Smart Remote as accessory available - 009151



Infrared Sensor  
360°



Max. 6m<sup>2</sup>  
Presence

1000w

1000 W  
Max



IP65



2 - 1000 lux



5 Sec - 60 min

# Photo-cell Controller - NightMatic 2000



ESC Code: 550417

## Automatically Switches Light ON and OFF. Saving Energy.

Did I turn the light 'OFF'? Or did I forget to? With the NightMatic 2000, this question's not an issue any more. When it's dark it takes care of switching the outside light 'ON' and 'OFF' all by itself. But that's not all: The intelligent night-economy mode automatically switches the light 'OFF' after a programmable time and back 'ON' again in the early hours.

Scan Here



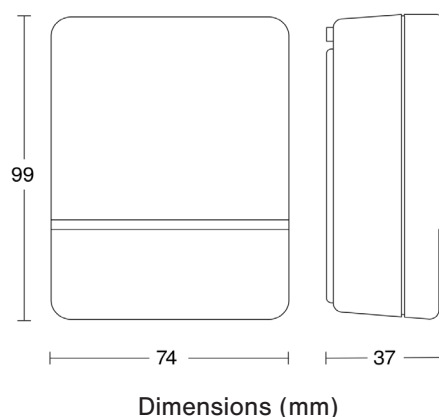
### Ideal Application:

- Outdoors
- All Round the Building
- Front Door
- Garage / Drive Ways



Dimensions (mm)	99 x 74 x 37
Detection Area	N/A
IP Rating	IP54
Max. Reach	N/A
Adjustment (Horizontal / Vertical)	N/A
Delay Time	N/A
Mounting Height	N/A
Light Level Settings	2 - 30 lx
Mounting	Surface Mount
Warranty	3 Years
Settings	Analogue Adjustments

Max. Load on Switched Relay Output (L')	
GLS	1000W
LED	64W



Twilight Switch  
+ Eco-Mode

1000w

1000 W  
Max



IP54



2 - 30 lux



Energy Saving





 steinel



4-8 Mainstreet Place  
Te Rapa, Hamilton , NZ 3200  
[www.electrical.co.nz](http://www.electrical.co.nz)

[sales@electrical.co.nz](mailto:sales@electrical.co.nz)  
+64 7 849 9119  
0800 350 000

Name:

Contact:

230530