



Intelligent lighting for a convenient life.

General Catalogue 2015/16



Contents

Product Overview.....	04
STEINEL. The Original.....	10
Products	18
Sensor Technology at a Glance.....	208
LED – the Light of the Future	216
All About Lighting.....	218
Meaning of Symbols.....	220
Service. Made by STEINEL	222
Simply Consumer-Friendly. Our Packaging	224
Presentation at the POS.....	226
EAN (Barcode) Overview.....	232
Marks of Conformity.....	238

Product Overview


Motion Detectors for Outdoors

Wall		IS 180-2 22
		IS 140-2 24
		IS 130-2 26
		IS1 28
		IS NM 360 30
Corner		IS 240 DUO 32
Ceiling		IS 360D TRIO 34

Photo-Cell Controlled Lights for Outdoors

Wall		NightMatic 2000 38
		NightMatic 3000 Vario 40
Wall and Ceiling Mount		LN 1 LED LED all-inclusive system 42
		SensorLight LED LED/E27 44

Solar Lights for Outdoors

Wall and Garden		XSolar L-S LED all-inclusive system 52
		XSolar GL-S LED all-inclusive system 54
		XSolar L2-S LED all-inclusive system 56
		XSolar LH-N LED all-inclusive system 58

LED SensorLights for Outdoors

Modern		L 800 LED iHF LED all-inclusive system 66
		L 810 LED iHF LED all-inclusive system 68
		L 820 LED iHF LED all-inclusive system 70
		L 825 LED iHF LED all-inclusive system 72
		L 900 LED LED all-inclusive system 76
		L 910 LED LED all-inclusive system 78
		L 610 LED LED all-inclusive system 80
		L 625 LED LED all-inclusive system 84
		L 626 LED LED all-inclusive system 86
		L 265 LED including LED lamp 88
		L 260 LED including LED lamp 90
Garden		GL 60 LED including LED lamp 94



Product Overview




SensorLights for Outdoors

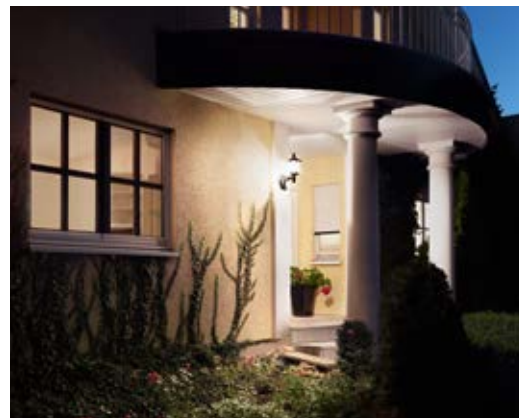
Modern

-  L270S.....LED effect and G9.....**96**
-  L271 S.....G9.....**98**
-  L20E27..... **102**
-  L330SE27..... **104**
-  L331 S.....E27..... **104**
-  L11E27..... **106**
-  L12E27..... **108**
-  L860SE27..... **112**
-  L867 SE27..... **114**
-  L170S.....E27..... **116**



Classic




-  L560SE27..... **122**
-  L562SE27..... **124**
-  L115SE27..... **128**
-  L585SE27..... **130**
-  L190S.....E27..... **132**
-  L15E27..... **134**
-  GL16S.....E27..... **136**



Garden

SensorLights for Outdoors

Practical






-  L1E27..... **140**
-  DL850 S..... including low-energy lamp 2G7..... **142**
-  DL750 S.....E27..... **144**

Sensor-Switched Floodlights for Outdoors

LED

-  XLED home3 LED all-inclusive system..... **152**
-  XLED home3 SL LED all-inclusive system..... **154**
without motion detector
-  XLED home 1 LED all-inclusive system..... **156**
-  XLED home 1 SL LED all-inclusive system..... **158**
without motion detector

Halogen

-  HS150 DUO including Halogen R7s..... **162**
-  H150 including Halogen R7s..... **164**
without motion detector
-  HS300 DUO including Halogen R7s..... **168**
-  HS500 DUO including Halogen R7s..... **170**
-  HS5140..... including Halogen R7s..... **172**








Product Overview

SensorLights for Indoors

LED




Corridor and Stairwell

-  **RS LED D1** LED all-inclusive system **182**
-  **RS LED D2** LED all-inclusive system **182**
-  **RS LED A1** LED all-inclusive system **184**
-  **FRS 20 LED** LED all-inclusive system **186**
-  **TurnMeLight** LED night light **188**




Practical

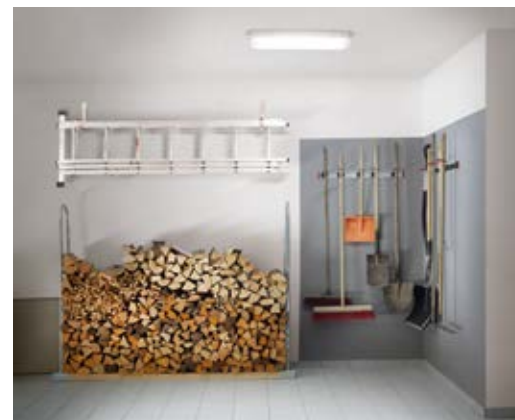
Corridor, Stairwell, Storeroom

-  **RS 100 L** E27 **192**
-  **RS 16 L** E27 **194**
-  **RS 10-3 L** E27 **196**







Garage and Basement

-  **FRS 30** including low-energy lamp G13 **200**



Motion Detectors for Indoors

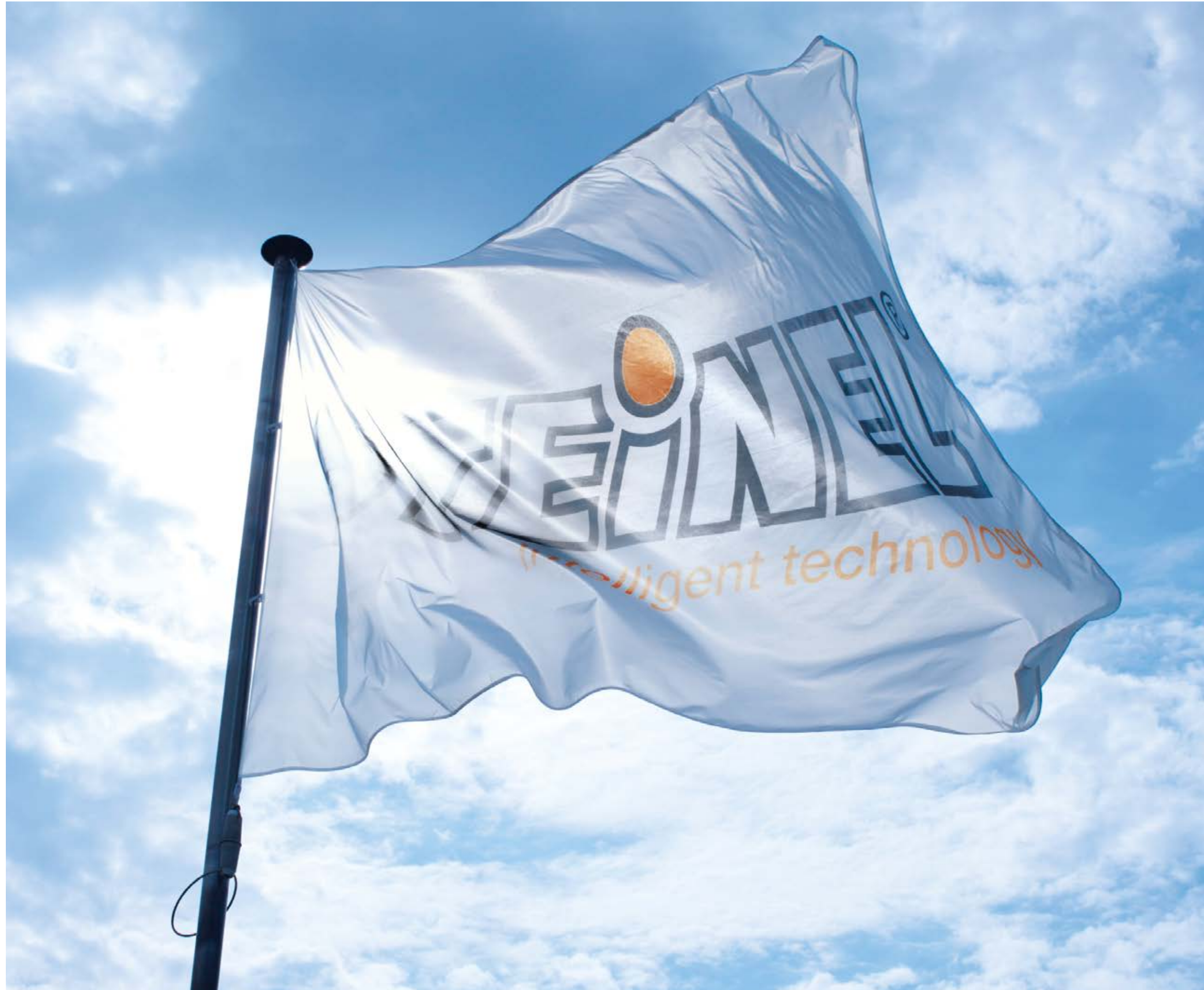
-  **HF360 UP** **204**
-  **HF360 AP** **204**
-  **IR 180 UP** **206**
-  **IR 180 AP** **206**



STEINEL. The Original

Using energy more intelligently to provide added value for man and the environment. It is with this vision that STEINEL invented the SensorLight back in the mid-80s, making a quantum leap in lighting technology. STEINEL motion detectors and SensorLights are more convenient, more reliable and far more energy-efficient than conventional lighting solutions. This means everyone can play an active part in helping to reduce CO₂ emissions. Because using less energy is not only good for the climate; but also for the pocket. What's more, STEINEL also boosts convenience by detecting movements and switching lights 'ON' and 'OFF' automatically – life is altogether easier and safer with intelligent technology from STEINEL.

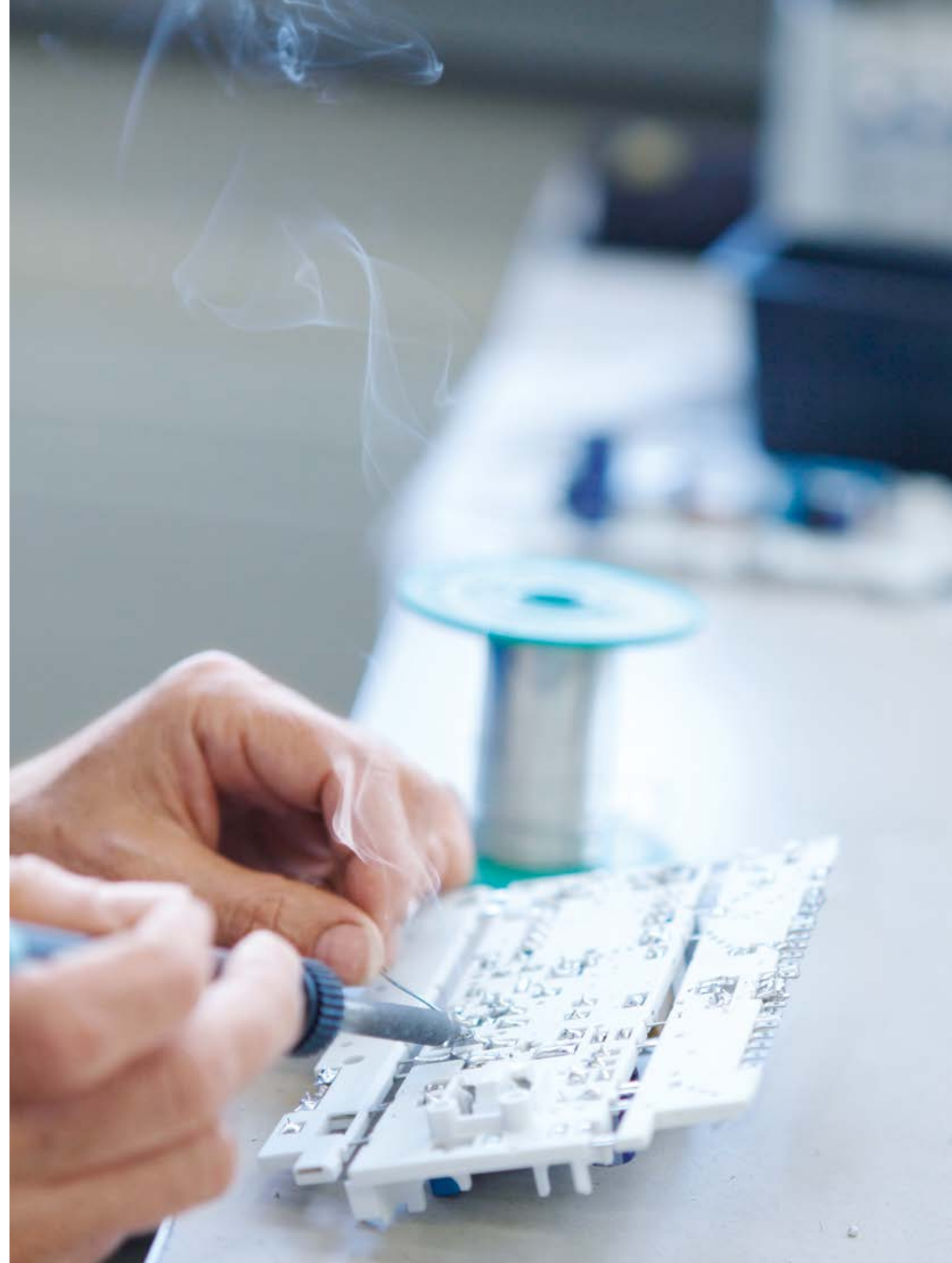
As brand and technology leader, STEINEL excites and impresses consumers across the globe with outstanding functionality, user-friendliness, long-lasting product life and unbelievable value for money. STEINEL's high-quality products for DIYers are available from leading do-it-yourself stores. STEINEL gives a 3-year warranty on all products - impressive evidence of uncompromising quality.



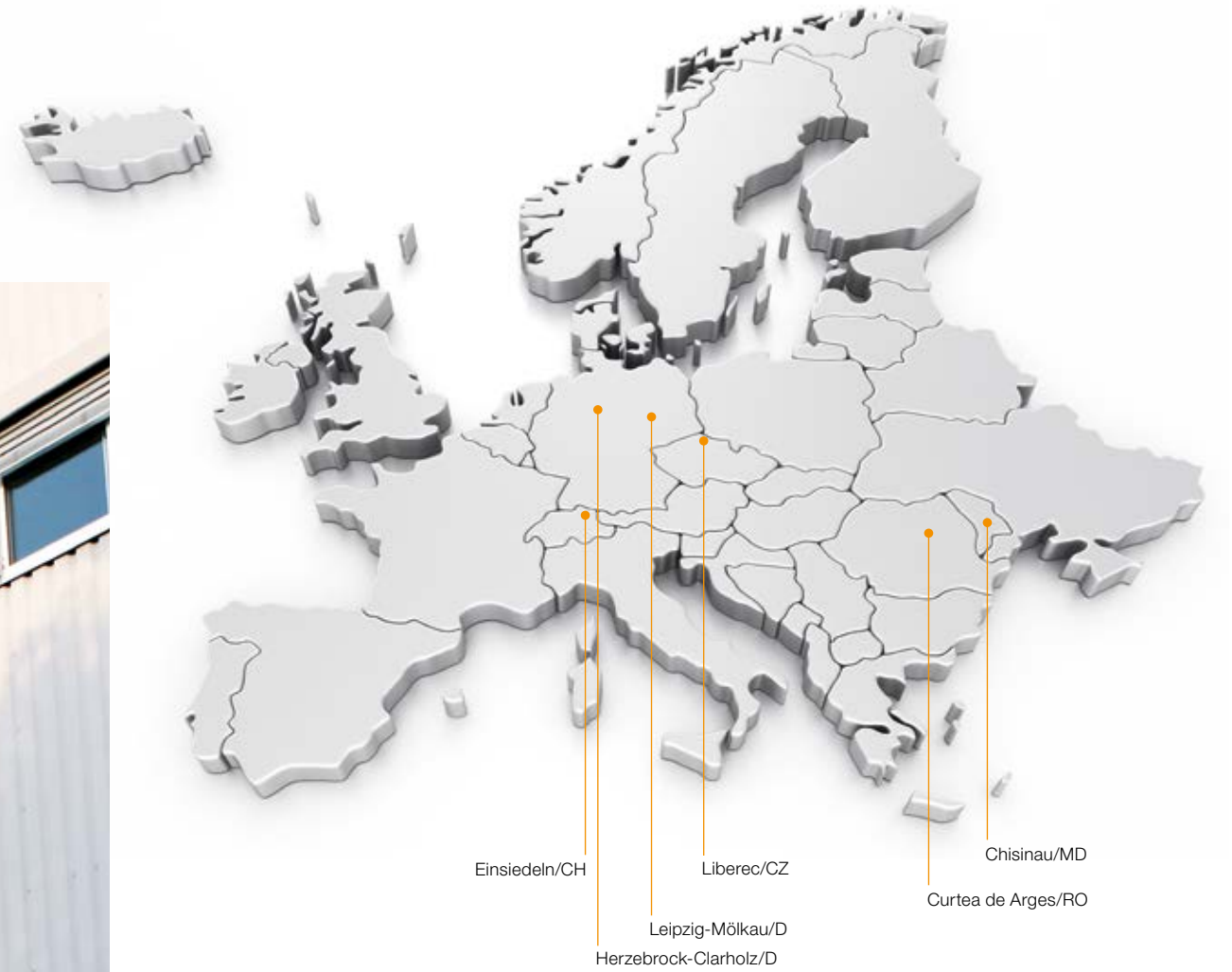


XLED home 1 put to the acid test: Our splashing-water test guarantees weather resistance and IP44 rating.

For us, intelligent technology is both a challenge and a commitment. We have been developing and manufacturing our products with particular care at our own factories for over 50 years. This is also where they are tested for quality and long life. We at Steinel are proud to make sure that our products remain in proper working order year after year.



STEINEL through and through: We manufacture in-house, right down to the electronic components.



It was back in 1959 that Heinrich Wolfgang Steinel founded the STEINEL company in Herzebrock-Clarholz. Since then, STEINEL has consistently evolved from pioneer to technology and innovation leader in sensor-controlled lighting.

Innovative and intelligent products of world renown are created at our own development centres in Germany, the Czech Republic and Switzerland. All products are manufactured by company-owned factories in Germany, Romania, the Republic of Moldova and Switzerland. Made in Europe is STEINEL's recipe for success.

STEINEL products make life easier, safer and greener. For instance, intelligent STEINEL sensor technology only provides

light when it's actually needed - doing so all automatically and automatically 'OFF' when it's no longer required. This saves energy and reduces CO₂ emissions. Combining sensor technology with innovative LED lighting can even make an energy saving of up to 90 %.

Responsibility towards mankind and Mother Nature is a firm component of STEINEL production process. Meticulous attention is paid to meeting national and international guidelines in development and production. Including RoHS, the directive restricting the use of hazardous substances in electrical and electronic equipment. To us, responsibility is a commitment that's practised every day, covering every aspect of the way our company thinks and acts.

Benefits of Automatic Lighting



Light only when it's needed. Thanks to intelligent STEINEL sensor technology.

Convenience

Intelligent lighting control from Steinel makes life so much easier. You don't need to give a thought any more to using electricity in an efficient, sustainable way. Motion detectors and SensorLights from STEINEL control all lights in your home automatically.

Safety and security

Intelligent lighting that detects movement automatically shows noteworthy details in the right light, illuminates the way and can guard against undesired visitors. Come rain, hail or snow, you can be sure innovative STEINEL technology won't let you down.

Saving

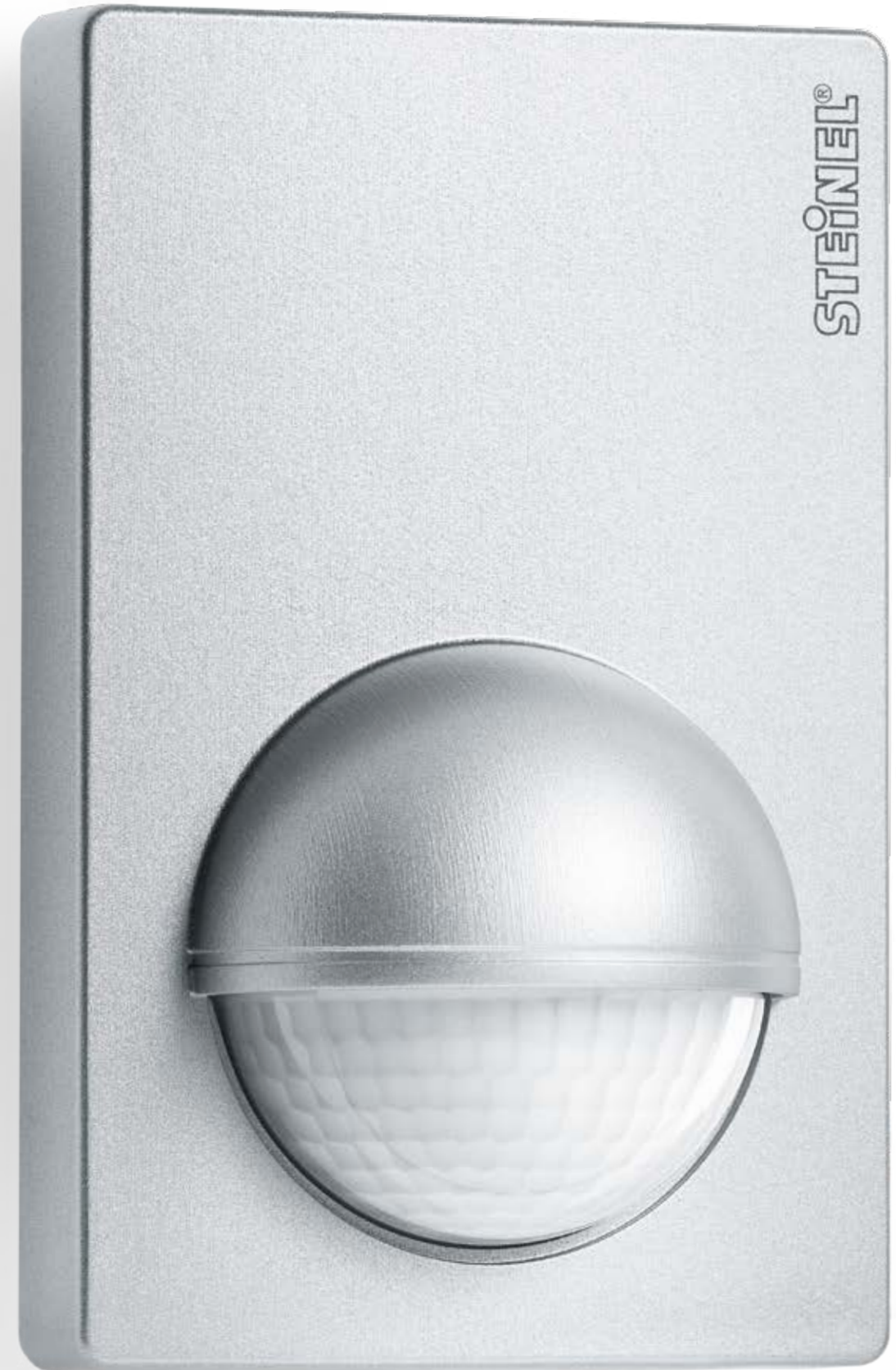
A key issue these days is climate protection. This is where the sustainable use of resources is closely linked with the efficient use of energy. About 19 per cent of energy used world-wide goes on lighting. This equates to an annual demand of about 2,650 terrawatt-hours. Here, the intelligent use of STEINEL sensor technology can make a huge contribution to saving energy.



Inefficient reality: light's still 'ON' even if no one is in the room.



"Daddy says intelligent lighting
is good for the whole world."

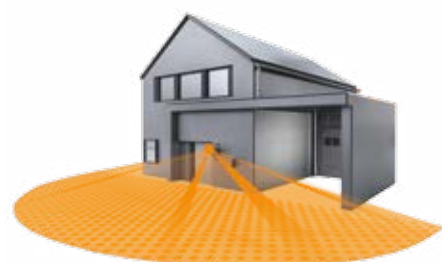


IS 180-2

IS 180-2

An intelligent unit. In form and function.

Running, hopping, romping around. Children will use any open space to play in and forget the world around them. The elegant wall-mounted IS 180-2 infrared motion sensor gives best protection against unintentional damage or accidentally being knocked off. Ideal for monitoring large properties and outdoor spaces, such as in front of the home, on driveways, in gardens or courtyards - and, being so slim, can also be mounted on non-concealed surfaces. The parallel-connectable designer wall sensor comes to you complete with corner wall mount bracket for ease of installation on external and internal corners; joined with plenty of scope for creative play.



180°, 12m max.

EAN IS 180-2 white	4007841 603212	
EAN IS 180-2 silver	4007841 603618	
EAN IS 180-2 black	4007841 603113	
Type	motion detector	
Dimensions (h x w x d)	120 x 76 x 56 mm	
Power supply	230 - 240V/50Hz	
Sensor type	passive infrared	
Where to use	indoors and outdoors	
Installation	wall, corner	
Max. output (resistive load, e.g. ordinary lamp)	1,000 W	
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W	
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	6 each max., C ≤ 132 µF	
Angle of coverage	180° with 90° angle of aperture	
Capability of masking out individual segments	yes	
Reach	2 basic settings: 12 m max. or 5 m max.	
Response brightness	2 - 2,000 lx	
Time setting	.10 sec. - 15 min.	
IP rating	IP54	
Protection class	II	
Accessories	includes corner wall mount bracket	

For wall or corner mounting



white



silver



black

UV-resistant plastic



Including corner wall mount bracket



Simply child's play.

Getting started with the classic sensor.

Are you toying with the idea of fitting a motion detector to your building? The infrared controlled IS 140-2 motion detector gives you all the benefits of a modern detector. Needless to say, we always use the very latest technology for our bestsellers too. For instance, we have given the product in its current generation even more class: larger adjustment angle, even longer reach and even better detection performance. Treat your home to intelligent sensor technology.



140°, 14 m max.

EAN IS 140-2 white	4007841 608910
EAN IS 140-2 black	4007841 608811
Type	motion detector
Dimensions (h x w x d)	70 x 86 x 95 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Where to use	indoors and outdoors
Installation	wall
Max. output (resistive load, e.g. ordinary lamp)	1,000 W
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	6 each max., C ≤ 132 µF
Angle of coverage	140° with sneak-by guard
Capability of masking out individual segments	yes
Swivelling range	180°
Tilting range	90°
Reach	14 m max. (temperature-stabilised)
Response brightness	2 - 2,000 lx
Time setting	8 sec. - 35 min.
IP rating	IP54
Protection class	II
Accessories	Include Surface-mounting adapter
Optional accessory	Corner wall mount bracket 07 for mounting on external corners
EAN EWH 07 white	4007841 631765
EAN EWH 07 black	4007841 631864



For wall or corner mounting



UV-resistant plastic

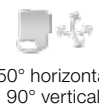


Optional corner wall mount bracket 07



The sensor success story.
Still looks as stunning as ever.

Are you looking for a way to enter the world of motion detectors? The IS 130-2 infrared motion detector is a STEINEL customer favourite of recent years, not meaning that we're resting on our laurels. We've continued to optimise both its design and technology. The sensor classic is the ideal 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. The motion detector is wired up so easily and quickly, your neighbour won't even notice you installing it.



EAN IS 130-2 white	4007841 660314
EAN IS 130-2 silver	4007841 660116
EAN IS 130-2 black	4007841 660215
Type	motion detector
Dimensions (h x w x d)	130 x 78 x 84 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Where to use	indoors and outdoors
Installation	wall
Max. output (resistive load, e.g. ordinary lamp)	600 W
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	4 each max., C ≤ 88 µF
Angle of coverage	130° with sneak-by guard
Capability of masking out individual segments	yes
Swivelling range	50°
Tilting range	90°
Reach	12 m max.
Response brightness	2 - 2,000 lx
Time setting	8 sec. - 35 min.
IP rating	IP54
Protection class	II



For wall mounting



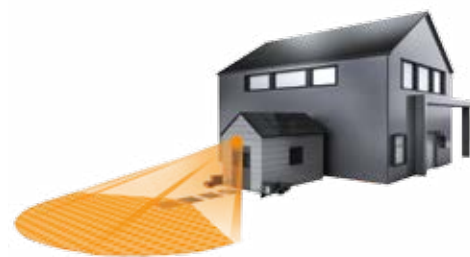
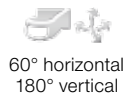
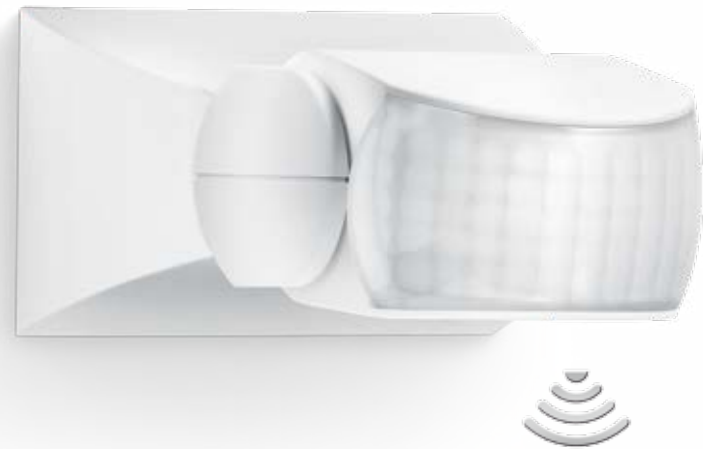
130°, 12 m max.

UV-resistant plastic



**High-tech.
Low energy.**

Are you looking for a starter model? The IS 1 infrared motion detector comes with perfected technology in unadorned design. It is particularly reliable, can be mounted on the wall or ceiling and is the ideal 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. The detector is wired up so quickly and easily, there's enough time left for gardening.



120°, 10m max.

EAN IS 1 white	4007841 600310
EAN IS 1 black	4007841 600419
Type	motion detector
Dimensions (h x w x d)	50 x 80 x 120 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Where to use	indoors and outdoors
Installation	wall, ceiling
Max. output (resistive load, e.g. ordinary lamp)	500 W
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	4 each max., C ≤ 88 µF
Angle of coverage	120°
Capability of masking out individual segments	yes
Swivelling range	60°
Tilting range	180°
Reach	10 m max.
Response brightness	2 - 2,000 lx
Time setting	8 sec. - 35 min.
IP rating	IP54
Protection class	II



For wall- and ceiling mounting



white



black

UV-resistant plastic



IS NM 360

Perfectly combined.

Intelligence and aesthetic appeal.

The wall-mounted IS NM 360 infrared motion detector catches the eye with its unobtrusive, unique design. As it's so slim, it is ideally protected from unintentional damage and being pulled off the wall accidentally. Reliably and conveniently, it automatically switches the light 'ON' – and 'OFF' again – without actually touching it. Also, you can match the detector to your particular situation and needs: four sensor programmes with different functions to leave the light 'ON' all the time. Simply intelligent.

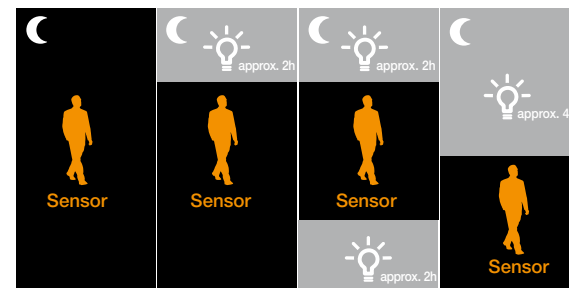


EAN IS NM 360 white	4007841 609313	CE
EAN IS NM 360 black	4007841 609214	
Type	motion detector	D'E
Dimensions (h x w x d)	114 x 100 x 58 mm	
Power supply	230 - 240 V, 50/60 Hz	Energy Star
Sensor type	passive infrared	
Where to use	indoors and outdoors	
Installation	wall	
Max. output (resistive load, e.g. ordinary lamp)	1,000 W	
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W	
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	6 each max., C ≤ 132 µF	
Angle of coverage	360° with sneak-by guard	
Capability of masking out individual segments	yes	
Reach	8 m max. all round (mounted at a height of 1.75 - 2 m)	
Response brightness	2 - 2000 lx	
Time setting	5 sec. - 15 min.	
Manual override	selectable, 4 hrs.	
IP rating	IP54	
Protection class	II	

For wall mounting



4 intelligent programmes



UV-resistant plastic



Sensor with 4 intelligent programs



IS 240 DUO

You'll sleep deeply. With peace of mind.

At night or when it's getting dark, you can rely in full on the IS 240 DUO. We have fitted the motion detector with two highly sensitive infrared detectors so it can monitor large areas for you. Mounting the detector on an outside corner gives you an added advantage: reliable, uninterrupted coverage of an area in front of two building walls. Why install two sensors if the job can be done by one? The corner wall mount bracket is included.

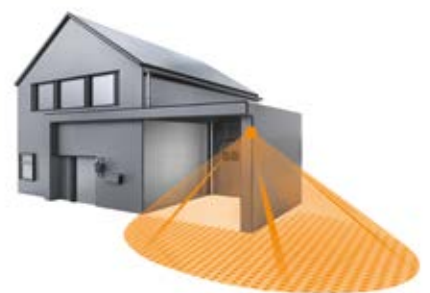


-  infrared sensor 240°
-  max. 12m
-  IP54
-  1000w max.
-  ideal 2m
-  160° horizontal
-  2–2000 lux
-  10sec–15 min
-  energy saving
-  3 JAHRE functional warranty

EAN IS240 DUO white	4007841 602819
EAN IS240 DUO black	4007841 602710
Type	motion detector
Dimensions (h x w x d)	90 x 60 x 100 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Where to use	indoors and outdoors
Installation	wall, corner
Max. output (resistive load, e.g. ordinary lamp)	1,000 W
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	6 each max., C ≤ 132 µF
Angle of coverage	240° with 180° angle of aperture
Capability of masking out individual segments	yes
Swivelling range	± 80° precision adjustment of sensor housing
Reach	12 m (temperature-stabilised)
Response brightness	2 - 2,000 lx
Time setting	.10 sec. - 15 min.
IP rating	IP54
Protection class	II
Accessories	includes corner wall mount bracket



For wall or corner mounting



240°, 12m max.

UV-resistant plastic



Including corner wall mount bracket 01




IS360D TRIO




Permanent coverage.

Protected all-round.

Below the balcony, in the carport, on the porch – the IS 360 D TRIO feels at home wherever it's fitted, provides uninterrupted coverage and is the ideal solution for monitoring large areas. It provides excellent quality of detection and can be tailored to the specific conditions on site. The motion detector is wired up so easily and quickly, your neighbour won't even notice you installing it.



-  infrared sensor 360°
-  max. 12 m
-  IP54
-  1000W max.
-  ideal 2.80 m
-  2–2000 lux
-  10sec–15min
-  energy saving
-  3 JAHRE functional warranty

EAN IS360D TRIO white	4007841 602611	
EAN IS360D TRIO black	4007841 602512	
Type	motion detector	
Dimensions (h x w x d)	100 x 120 x 120 mm	
Power supply	230 - 240V/50Hz	
Sensor type	passive infrared	
Where to use	indoors and outdoors	
Installation	ceiling	
Max. output (resistive load, e.g. ordinary lamp)	1,000 W	
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W	
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	6 each max., C ≤ 132 µF	
Angle of coverage	360° with 180° angle of aperture	
Capability of masking out individual segments	yes	
Swivelling range	precision adjustment +/- 10° of lens	
Reach	12 m max. (temperature-stabilised)	
Response brightness	2 - 2,000 lx	
Time setting	.10 sec. - 15 min.	
IP rating	IP54	
Protection class	II	

For ceiling mounting



360°, 12 m max.

UV-resistant plastic





NightMatic 2000

**Switches the light 'ON' or 'OFF'.
All automatically.**

It's thundering outside and getting dark. You're sitting snugly in the living-room, waiting for your guests. Who'd want to go out and turn the outside light on? The NightMatic 2000 reliably does this for you – whether it's raining, snowing, blowing a gale or you simply have something better to do. Of course, the light-level threshold at which the sensor responds and turns the light 'ON' is defined by no other than you yourself.



Twilight switch



IP54

1000w
max.



2–10 lux



energy saving

3 JAHRE
GARANTIE
functional warranty



EAN NightMatic2000 white	4007841 550417	
EAN NightMatic2000 black	4007841 550318	
Type	photo-cell controller	
Dimensions (h x w x d)	99 x 74 x 37 mm	
Power supply	230 - 240V/50Hz	
Where to use	outdoors	
Installation	wall	
Max. output (resistive load, e.g. ordinary lamp)	1,000 W	
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W	
Response brightness	approx. 2 - 10 lx	
Intrinsic power consumption	< 0.8 W	
IP rating	IP54	
Protection class	II	

For wall mounting



white



black

Light 'ON'



Light 'OFF'



UV-resistant plastic



NightMatic 3000 Vario

**Automatically switches light 'ON' and 'OFF'.
Saving no end of energy.**

Did I turn the light 'OFF'? Or did I forget to? With the NightMatic 3000 Vario, 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 between 4 and 5 o'clock. The photo-cell controller feels most at home on your property, on the front of a building or in a shop window.



Twilight switch
+ eco-mode



IP54

1000w
max.



0,5 - 10 lux



energy
saving

3 JAHRE
GARANTIE
functional
warranty



EAN NightMatic3000Vario white	4007841 550615	
EAN NightMatic3000Vario black	4007841 550516	
Type	photo-cell controller	
Dimensions (h x w x d)	99 x 74 x 37 mm	
Power supply	230 - 240V/50Hz	
Where to use	outdoors	
Installation	wall	
Max. output (resistive load, e.g. ordinary lamp)	1,000 W	
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W	
Response brightness	approx. 0.5 - 10 lux / at press of button	
Night economy mode	variable night 'OFF' time	
Intrinsic power consumption	< 0.8 W	
IP rating	IP54	
Protection class	II	

For wall mounting



white



black

Light 'ON'

Light 'OFF'

Light 'OFF'



UV-resistant plastic



LN 1 LED

**Light where it's dark.
All automatically.**

So as not to leave you standing in the dark any more, we've developed an LED light with integrated photo-cell controller. The LN 1 LED combines exceptional design with intelligent technology and is ideal for permanent night-time illumination anywhere around the home.

Where and how you install the light is left to your imagination. We have designed it so that it can be installed either horizontally or vertically on the wall or ceiling - and always with effortless ease. Complete with adhesive house numbers.



LED
long life LED
50,000 h

4,5w
350lm
78lm/W

3000K
warm-white

IK07

IP54

2m

5-200 lux

energy saving

3 JAHRE
functional warranty

EAN LN1 LED	4007841 649715
Dimensions (h x w x d)	195 x 300 x 53 mm
Power supply	220-240 V/50/60 Hz
Sensor type	photo-cell controller
Output:	4.5 W
Brightness	350 lm
Efficiency	78 lm/W
Colour temperature	3000K/SDCM 3
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Passive Thermo Control
Twilight setting	5-200 lx
IP rating	IP54
Protection class	II
Impact resistance	IK07
Material	UV-resistant plastic
Temperature range	-20 to +40°C
With lamp	STEINEL LED system
Sheet of self-adhesive numbers	included

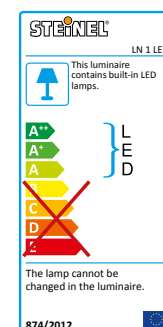
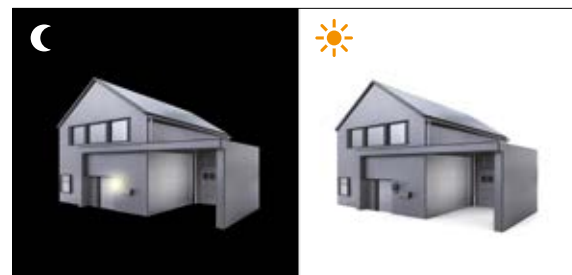


For wall- or ceiling mounting



Light 'ON'

Light 'OFF'



Including STEINEL LED system



Including sheet of self-adhesive house numbers



Impact-resistant material rated to IK 07



UV-resistant plastic



SensorLight LED

Your personal energy revolution.

'ON' in the evening – 'OFF' in the morning. All automatically.

Not only will the lighting classics in your home rejoice, your pocket will thank you too. The SensorLight LED comes in the form of a conventional light bulb and fits all E27 lampholders. The integrated photo-cell controller switches the LED light 'ON' automatically at the onset of dusk and 'OFF' again at dawn. Everyone's talking about a change in energy policy. Start your own one today.

LED
long life LED
25,000 h


8,5W * 54 W

710lm
8,5W/E27
83.5lm/W


3200K
warm-white


138°


Twilight switch


15 lux


Indoor/
Outdoor


energy
saving

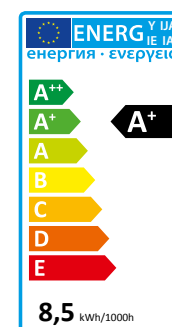
3 JAHRE
functional
warranty

EAN SensorLight LED	4007841 008215
Dimensions (h x w)	117 x 60 mm
Power supply	230 V, 50 Hz
Lampholder	E27
Sensor type	photo-cell controller
Output	8.5 W
Brightness	710 lm
Comparable incandescent lamp wattage	54 W
Efficiency	83.5 lm/W
Colour temperature	3200 K
Colour rendering	Ra ≥ 80
Beam angle	138°
LED life expectancy	25,000 h
LED cooling system	Passive Thermo Control
Luminous-flux maintenance after rated life expectancy	< 50%
Possible switching cycles	50,000 x ON/OFF
Time to reach 60% luminous flux	0.4 sec.
Ignition time	0.4 sec.
Mercury content	0 mg
Twilight setting	15 lx
IP rating	IP20
Temperature range	-20 to +40°C



Light 'ON'

Light 'OFF'



Here they are, the most efficient solar lights in the world.

Light without any connection to the power supply – that is the great idea behind solar lights. But it only makes sense if you can always rely on it. STEINEL XSolar lights simply work all the time – providing bright light 365 days a year. In bad weather too. Because we have managed to combine perfect components perfectly: highly efficient LEDs, precision STEINEL sensor technology, state-of-the-art lithium-iron-phosphate rechargeable batteries. When it's dark, this means you can be absolutely sure that light comes whenever it is needed – evenly illuminating up to 30 m². No matter whether it's summer or winter. This makes our XSolar lights the ideal lighting solution for house walls, carports and outdoor areas.



XSolar L-S

Solar lights that always work.
In summer as in winter.



Thought through from the very beginning.

Lighting for outdoors that is produced exclusively from solar energy. Without the need for a power point. And without any costs. Seen like this, solar lights are an excellent idea. Provided, of course, they really are efficient and work reliably. For a long time, though, neither the technology nor the lighting performance of products on the market were even close to being satisfactory. Which is why they encountered problems in prolonged phases without sunlight – only to fail dismally in the

winter. We wanted to do better. Or rather: our solar lights should be perfect. After all, as technology and innovation leader, STEINEL settles for nothing less than making sure our products offer the highest quality. And total reliability.

As such, we make absolutely no compromises in whatever we develop. So, we took the time to do some lengthy research.

Also in close collaboration with leading scientists and committed students from universities across the globe. We scrutinised

everything, turned every single component completely upside down and did a lot of thinking outside the box. The result shows that this effort was more than worth it: STEINEL has launched a new generation of solar lights that provide the ultimate in efficiency and performance. Because they are made from components of the highest quality – from the rechargeable battery, solar panel and sensor to the lamp and high-performance processor with appropriate software.

And because we have combined these components in the most intelligent way possible. In a way that simply makes our solar lights work all the time. No matter whether the sky is blue and the sun is shining – or whether it's snowing. So they keep the consumer satisfied in every respect. Their name: XSolar.



Solar Lights for
Outdoors



**No energy costs. No power connection.
No compromising, in summer as in winter.**

**Perfect components.
Perfectly combined.**

We asked ourselves what makes a solar light the best in the world.
The answer: the ability to provide bright light whenever it's needed. 365 days a year.
In bad weather too. How we have managed to do this, you can see here.



Monocrystalline solar panel

- Maximum efficiency, far higher than polycrystalline or amorphous solar panels
- Also recharges when it's cloudy

Highly efficient LED system

- 150 lumen at 1.2 W
- Area of up to 30 sq.m. brightly illuminated
- Maximum efficiency 124 lm/W

High-performance infrared sensor

- 140° sensor with Fresnel lens
- Slim-line sensor perfectly integrated in the design
- Light only switches on in response to movement

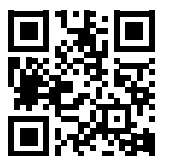
Lithium-iron-phosphate rechargeable battery

- Light availability for 60 days
- Withstands temperatures from -20°C to +40°C
- 2500 mAh capacity

Intelligent control

- Patented STEINEL software
- Permanent, automatic demand analysis
- Allows for environmental factors
- Dynamic control of lighting availability

To the product film



XSolar L-S

**No energy costs. No power connection.
No compromising.**

Never again become agitated over solar lights that let you down: developing the XSolar, STEINEL now has the first solar light that always works. In technical terms, it combines the best components – from the highly efficient monocrystalline solar panel, the high-performance infrared sensor and the temperature-resistant rechargeable battery providing lighting availability for 60 days to the intelligent microprocessor control system – reliably illuminating up to 30 sq.m. of your outdoor space with bright LED light. 365 days a year. In any weather. And zero energy costs. This makes it the smartest solution for mounting on garden walls, external walls and wherever there's no power connection available.



365 TAGE LICHT
Light 365 days
of the year

1,2w
150lm
124lm/W

30qm

4000K
cool-white

infrared
sensor 140°

8m

1.8m

2 lux

IP44

3 JAHRE
functional
warranty

EAN XSolar L-S white	4007841 671006
EAN XSolar L-S silver	4007841 671013
Dimensions (h x w x d)	298 x 189 x 186.5 mm
Power supply	Solar, no mains power required
Sensor type	passive infrared
Output (lights)	1.2 W
Brightness	150 lm
Efficiency	124 lm/W
Colour temperature	4000K/SDCM 5
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Passive Thermo Control
Angle of coverage	140°
Reach	8 m
Twilight setting	2 lx
Time setting	dynamic
Basic light level	yes
IP rating	IP44
Protection class	III
Material	UV-resistant plastic
Temperature range	-20 to +40°C
With lamp	STEINEL LED system



XSolar GL-S

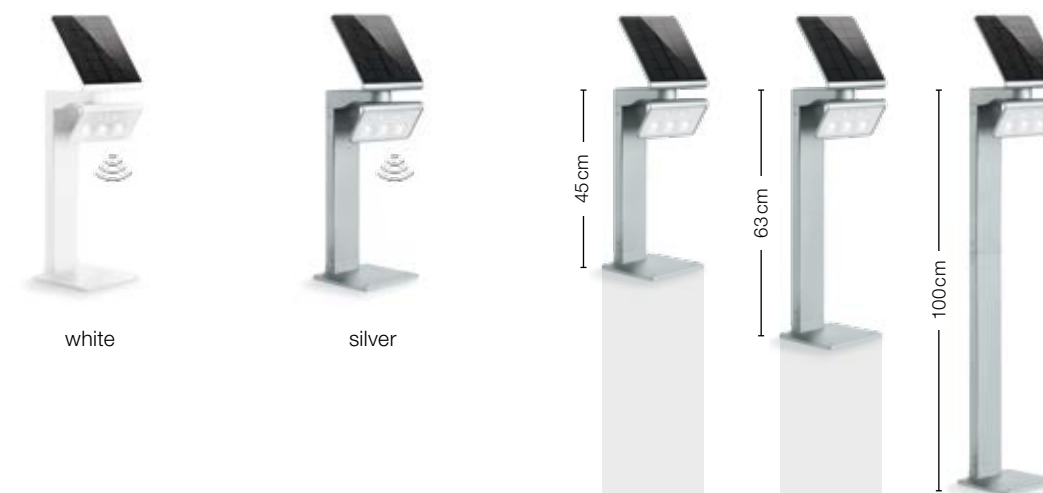
Instantly impresses.
With efficiency and design.

Well-illuminated drives and paths to your front door give you and your guests the reassuring feeling of safety and security. The stand-mounted version of our efficient solar light lets you combine this with aesthetic elegance. Simply choose the stylish stand in the appropriate height – and illuminate up to 20 sq.m. with bright LED light. No energy costs whatsoever. With an LED life expectancy of 50,000 hours, changing a bulb is also a thing of the past.



- 365 TAGE LICHT**
Light 365 days of the year
- 1,2w**
150lm
124lm/W
- 20qm
- 4000K cool-white
- infrared sensor 140°
- 5m
- 1m
- 2 lux
- IP44
- 3 JAHRE GARANTIE**
functional warranty

EAN XSolar GL-S white	4007841 671204
EAN XSolar GL-S silver	4007841 671211
Dimensions (h x w x d)	1178 x 189 x 186.5 mm
Power supply	Solar, no mains power required
Sensor type	passive infrared
Output (lights)	1.2 W
Brightness	150 lm
Efficiency	124 lm/W
Colour temperature	4000K/SDCM 5
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Passive Thermo Control
Angle of coverage	140°
Reach	5 m
Twilight setting	2 lx
Time setting	dynamic
Basic light level	yes
IP rating	IP44
Protection class	III
Material	support stand in aluminium, UV-resistant plastic
Temperature range	-20 to +40°C
With lamp	STEINEL LED system



3 standing heights to choose from



High-quality mono-crystalline solar panel



Including STEINEL LED system



Optional basic lighting level



Compass for setting the panel to face the optimum direction



including 2500 mAh lithium-iron-phosphate rechargeable battery



XSolar L2-S

**Efficient LEDs. Effective solar technology.
Now combined in a high-end light.**

The SensorLight LED of the next generation captivates with futuristic design and impressive lighting performance outside your property. Entirely without the need for a power point. Two monocrystalline glass solar panels supply this light with the required energy. It is also a perfect house number light.

**LONG LIFE
LED**



**365 TAGE
LICHT**
Light 365 days
of the year

1,2w
100lm
83,3lm/W

4000K
cool-white

**infrared
sensor 170°**

9m

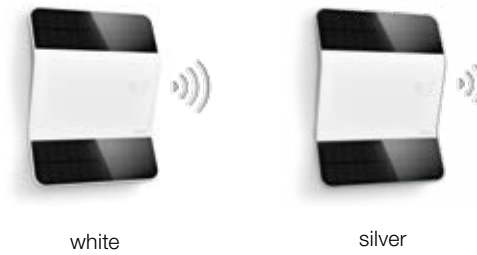
1.8m

2 lux

IP44

**3 JAHRE
GARANTIE**
functional
warranty

EAN XSolar L2-S white	4007841 007096
EAN XSolar L2-S silver	4007841 007089
Dimensions (h x w x d)	313x242x67 mm
Power supply	Solar, no mains power required
Sensor type	passive infrared
Output	1.2 W
Brightness	100 lm
Efficiency	83.3 lm/W
Colour temperature	4000K/SDCM 5
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Passive Thermo Control
Angle of coverage	170°
Reach	9 m
Twilight setting	2 lx
Time setting	dynamic
Basic light level	yes
IP rating	IP44
Protection class	III
Material	UV-resistant plastic
Temperature range	-20 to +40°C
With lamp	STEINEL LED system
Sheet of self-adhesive numbers	included



white

silver



High-quality mono-crystalline solar panel



Including STEINEL LED system



Optional basic lighting level



including 2500 mAh lithium-iron-phosphate rechargeable battery



Including sheet of self-adhesive house numbers



XSolar LH-N

**Tomorrow's formula
for illuminated house numbers.**

The most advanced, most efficient and most attractive answer to providing the entrance to your home with an automatically illuminated house number. An integrated photo-cell controller switches the light on when darkness falls and off again when the sun rises.

365 TAGE LICHT

Light 365 days
of the year



4000K
cool-white



2 lux



IP44

3 JAHRE GARANTIE

functional
warranty

EAN XSolar LH-N silver	4007841 007157
XSolar LH-N stainless steel	4007841 007140
Dimensions (h x w x d)	227 x 242 x 51 mm
Power supply	Solar, no mains power required
Sensor type	photo-cell controller
Output	0.03 W
Colour temperature	4000K/SDCM 5
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Passive Thermo Control
Twilight setting	2 lx
IP rating	IP44
Protection class	III
Material	UV-resistant plastic, stainless-steel trim (on stainless-steel version)
Temperature range	-20 to +40°C
With lamp	STEINEL LED system



silver



stainless
steel



Light 'ON'



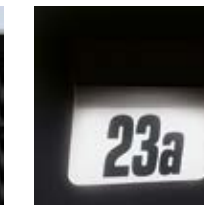
Light 'OFF'



High-quality mono-crystalline solar panel



House number illumination at night



including 1100 mAh lithium iron-phosphate rechargeable battery



Including sheet of self-adhesive house numbers





"Our neighbours are incredibly thrifty but have the nicest lights."

**The iHF outdoor lights.
Aesthetic lighting perfectly controlled.**

Stunning lighting solutions on the wall of your home.

With invisible sensor technology.

Our iHF range is synonymous with unique design, impressive lighting aesthetics, high efficiency and outstanding sensor technology. Just because the intelligent high-frequency sensor is installed completely out of view doesn't mean it is any less efficient. On the contrary: it detects people approaching from any direction and can distinguish them from small animals. And its reach can be adjusted exactly as required. Which means it only switches light on when needed – masterfully showing off your home at its best. In whichever form, in whatever direction or as LED uplight / downlight with house number.



L810 LED iHF





SensorLights for
Outdoors

L 825 LED

L 800 LED iHF Downlight

**The most modern outdoor light there is in the world.
With invisible iHF sensor.**

This outdoor SensorLight translates intelligence into magnificent looks and technology. This high-quality designer piece is meticulously thought through and crafted with particular care from long-life materials. In developing new lights, our products' future value is also important to us. Intelligent technology has a permanency and constancy about it – it is brighter, cooler and smarter. For the first time, we have managed to make a light's sensor completely invisible. The result is an LED downlight product for illuminating your home's exterior walls to stunning effect. The L 800 iHF Downlight. New: optional manual override for 4 hours.



Downlight



30 years
(Ø 4.5 h/day)



440lm
44lm/W



3000K
warm-white



intelligent
high frequency
sensor 160°



1-5m



IP 44



2-2000 lux



5 sec-15 min



2m



manual
override

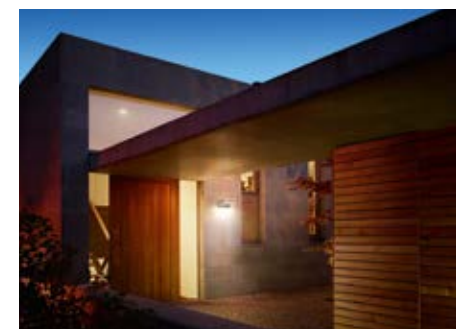


energy
saving

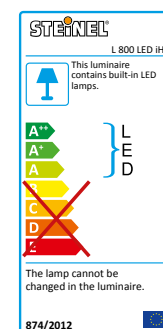
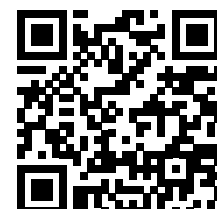


3 JAHRE
functional
warranty

EAN L 800 LED iHF downlight	4007841 671419
Dimensions (h x w x d)	88 x 230 x 145 mm
Power supply	230-240 V, 50 Hz
Sensor type	iHF (intelligent high-frequency technology)
Transmission power	approx. 1 mW
HF system	5.8 GHz
Output	10 W
Brightness	440 lm
Efficiency	44 lm/W
Colour temperature	3000K/SDCM 3
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Active- and Passive Thermo Control
Angle of coverage	160°
Reach	1-5 m
Twilight setting	2-2000 lx
Time setting	5 sec. - 15 min.
Basic light level	10%
Soft light start	yes
Manual override	selectable, 4 h
IP rating	IP44
Protection class	II
Material	aluminium, UV-resistant plastic
Temperature range	-20 to +50°C
With lamp	STEINEL LED system



To the product film



Concealed iHF sensor



Intelligent soft light start



Optional basic light level 10%



High-quality aluminium



Including STEINEL LED system



L 810 LED iHF Uplight/Downlight

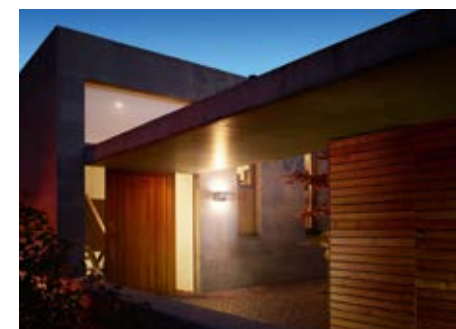
**You don't see it.
But it sees you.**

A high-quality product is cleverly thought through and made from materials that last. Its value also extends beyond today, it has permanency and constancy. The L 810 iHF outdoor SensorLight is an LED uplight and downlight that translates intelligent technology into form and function. For the first time, we have managed to make a light's sensor completely invisible – without compromising on first-class design and technological perfection. For stunning upward and downward lighting. New: optional manual override for 4 hours.

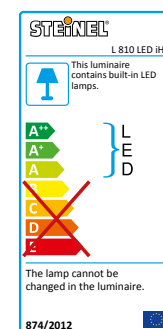
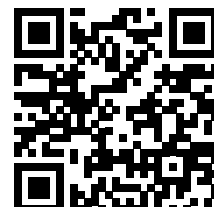


- Up-/Downlight
- LED
30 years
(Ø 4.5 h/day)
- 12,5w
612lm
49lm/W
- 3000K
warm-white
- intelligent
high frequency
sensor 160°
- 1–5m
- 2–2000 lux
- IP 44
- 5 sec – 15 min
- 2 m
- manual
override
- energy
saving
- 3 JAHRE
GARANTIE
functional
warranty

EAN L 810 LED iHF uplight/downlight	4007841 671310
Dimensions (h x w x d)	88 x 230 x 145 mm
Power supply	230–240 V, 50 Hz
Sensor type	iHF (intelligent high-frequency technology)
Transmission power	approx. 1 mW
HF system	5.8 GHz
Output	12.5 W
Brightness	612 lm
Efficiency	49 lm/W
Colour temperature	3000K/SDCM 3
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Active- and Passive Thermo Control
Angle of coverage	160°
Reach	1–5 m
Twilight setting	2–2000 lx
Time setting	5 sec. - 15 min.
Basic light level	10%
Soft light start	yes
Manual override	selectable, 4 h
IP rating	IP44
Protection class	II
Material	aluminium, UV-resistant plastic
Temperature range	-20 to +50°C
With lamp	STEINEL LED system



To the product film



Concealed iHF sensor



Intelligent soft light start



Optional basic light level 10%



High-quality aluminium



Including STEINEL LED system



L 820 LED iHF Uplight/Downlight with House Number

Outdoor lights beware.

Here comes the new house number.

We did some thinking, pondered, tried things out, dismissed them and got down to testing. For the most intelligent house number light we've ever made. For the first time, it has been possible to integrate the sensor in a light source so that it can't be seen. As an LED uplight and downlight, the L 820 iHF outdoor SensorLight translates intelligence into fabulous looks and technology that set off your house number like no other. In developing it, the product's future value was also important to us. Intelligent technology has a permanency and constancy about it – it is brighter, cooler and smarter. Optional manual override for 4 hours.



Up-/Downlight

LED

30 years
(Ø 4.5 h/day)

12,5w

612lm
49lm/W



3000K
warm-white



intelligent
high frequency
sensor 160°



1-5m



IP 44



2-2000 lux



5 sec - 15 min



2m



manual
override



energy
saving

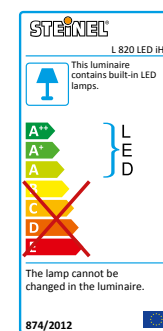
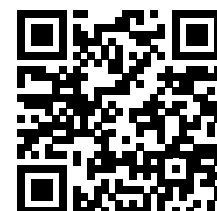
3 JAHRE
GARANTIE

functional
warranty

EAN L 820 LED iHF uplight / downlight with house number	...	4007841 671327
Dimensions (h x w x d)	.....	260 x 230 x 145 mm
Power supply	.....	230-240 V, 50 Hz
Sensor type	.....	iHF (intelligent high-frequency technology)
Transmission power	.....	approx. 1 mW
HF system	.....	5.8 GHz
Output	.....	12.5 W
Brightness	.....	612 lm
Efficiency	.....	49 lm/W
Colour temperature	.....	3000K/SDCM 3
Colour rendering	.....	Ra ≥ 80
LED life expectancy	.....	50,000 h (L70B10 to LM80)
LED cooling system	.....	Active- and Passive Thermo Control
Angle of coverage	.....	160°
Reach	.....	1-5 m
Twilight setting	.....	2-2000 lx
Time setting	.....	5 sec. - 15 min.
Basic light level	.....	10%
Soft light start	.....	yes
Manual override	.....	selectable, 4 h
IP rating	.....	IP44
Protection class	.....	II
Material	.....	aluminium, UV-resistant plastic
Temperature range	.....	20°C to +50°C
With lamp	.....	STEINEL LED system
Sheet of self-adhesive numbers	.....	included



To the product film



Intelligent soft light start



Optional basic light level 10%



High-quality aluminium



Including sheet of self-adhesive house numbers



Including STEINEL LED system



Concealed iHF sensor



L 825 LED iHF Downlight

Classic outside. Futuristic inside.
iHF sensor invisible and perfect.

Some like it classic. This is why we have combined pioneering technology and customisable functionality from the iHF series with timeless design. The result – the L 825 LED iHF – brings permanent aesthetic appeal to your entrance. Only when necessary, of course: the sensor detects persons from any walking direction – and can distinguish them from small animals. And it remains completely invisible. With minimal energy consumption and the incredibly long life expectancy of the LEDs, so too are its running costs.

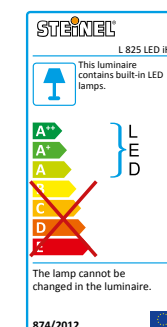


EAN L 825 LED iHF downlight, white	4007841 007393
EAN L 825 LED iHF downlight, silver	4007841 007171
EAN L 825 LED iHF downlight, anthracite	4007841 007164
Dimensions (h x w x d)	95.1 x 331 x 157 mm
Power supply	230-240 V, 50/60 Hz
Sensor type	iHF (intelligent high-frequency technology)
Transmission power	approx. 1 mW
HF system	5.8 GHz
Output	12 W
Brightness	400 lm
Efficiency	33.3 lm/W
Colour temperature	3000K/SDCM 3
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Active- and Passive Thermo Control
Angle of coverage	160°
Reach	1-7 m
Twilight setting	2-2000 lx
Time setting	5 sec. - 15 min.
Basic light level	10%
Soft light start	yes
Manual override	selectable, 4 h
IP rating	IP44
Protection class	II
Material	aluminium, UV-resistant plastic
Temperature range	-20 to +50°C
With lamp	STEINEL LED system



SensorLights for Outdoors

Including STEINEL LED system



Concealed iHF sensor



Intelligent soft light start



Optional basic light level 10%



High-quality aluminium



LED uplights / downlights with IR sensor.
Lighting effects re-defined.



SensorLights for
Outdoors

L910 LED

L 900 LED

**For the most attractive aspects of a building.
Slim and efficient.**

For everyone who understands light to be more than a source of brightness. The new LED uplight stylishly illuminates the outside walls of your home with understated lighting effects. And because we not only gave it a modern design but also attached particular importance to pioneering technology and maximum efficiency when we developed it, the L 900 LED also lets you feel perfectly at ease from the aspects of ecology and economy. No matter whether you use it as basic-, permanent- or sensor-switched lighting. Including the option of switching interconnected lights on and off simultaneously.

LED

30 years
(Ø 4.5 h/day)

7w

400lm
57,1 lm/W



3000K
warm-white



infrared
sensor 180°



max. 12m



IP 44



2/20 lux



2/15 min



2.2m



manual
override



networkable



energy
saving



functional
warranty

EAN L 900 LED white	4007841 006587
EAN L 900 LED silver	4007841 576318
EAN L 900 LED anthracite	4007841 576301
Dimensions (h x w x d)	195 x 80 x 85 mm
Power supply	220-240 V, 50/60 Hz
Sensor type	passive infrared
Output (lights)	7 W
Brightness	400 lm
Efficiency	57.1 lm/W
Colour temperature	3000K/SDCM 3
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h
LED cooling system	Passive Thermo Control
Angle of coverage	180°
Reach	5 m or 12 m, selectable
Twilight setting	2 or 20 lx
Time setting	2 min. or 15 min.
Basic light level	effect lighting on the wall
Soft light start	yes
Manual override	selectable, 4 h
IP rating	IP44
Protection class	II
Material	aluminium, UV-resistant plastic
Temperature range	-20 to +50°C
With lamp	STEINEL LED system



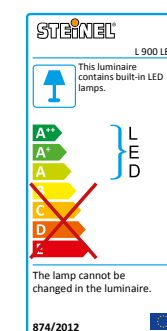
white



silver



anthracite



Including STEINEL LED system



Sensor integrated almost invisibly



Intelligent soft light start



Effect lighting on the wall



Interconnectable by cable



High-quality aluminium



L 910 LED

**Creates the right ambience.
Elegant and intelligent.**

Same technology, even more effective: if you are looking for somewhat more ambient light on the outside of your home, we can offer you an uplight/downlight solution with the L 910 LED that's just as stylish as it is efficient. As with its little brother, no-maintenance and low-consumption LEDs give you aesthetically pleasing ambient lighting here too whenever you wish thanks to the reliable IR sensor. And if you interconnect them, they will also switch on and off simultaneously. An effect not only appreciated by admirers of aesthetic style.



LED

30 years
(Ø 4.5 h/day)

11w

755lm
68,6lm/W



3000K
warm-white



infrared
sensor 180°



max. 12 m



IP 44



2/20 lux



2/15 min



2.2m



manual
override



networkable



energy
saving

3 JAHRE GARANTIE

functional
warranty

EAN L 910 LED white	4007841 006570
EAN L 910 LED silver	4007841 576219
EAN L 910 LED anthracite	4007841 576202
Dimensions (h x w x d)	235 x 80 x 85 mm
Power supply	220-240 V, 50/60 Hz
Sensor type	passive infrared
Output (lights)	11 W
Brightness	755 lm
Efficiency	68.6 lm/W
Colour temperature	3000K/SDCM 3
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h
LED cooling system	Passive Thermo Control
Angle of coverage	180°
Reach	5 m or 12 m, selectable
Twilight setting	2 or 20 lx
Time setting	2 min. or 15 min.
Basic light level	effect lighting on the wall
Soft light start	yes
Manual override	selectable, 4 h
IP rating	IP44
Protection class	II
Material	aluminium, UV-resistant plastic
Temperature range	-20 to +50°C
With lamp	STEINEL LED system



white

silver

anthracite



Including STEINEL LED system



Sensor integrated almost invisibly



Intelligent soft light start



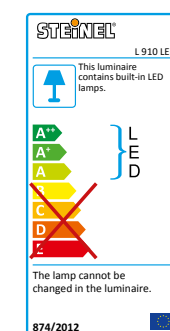
Effect lighting on the wall



Interconnectable by cable



High-quality aluminium



L 610 LED

**To see and be seen.
Elegance meets efficiency.**

We asked ourselves whether there was a shape that integrates harmoniously on any building wall. Our answer is the L 610 LED designer outdoor SensorLight. It is our way of bringing elegant design and proven, intelligent technology to any home. The light reliably tells whether anyone is approaching and automatically switches light 'ON' and 'OFF' again. Many function settings can be selected directly on the product. Welcome home.

LED
30 years
(Ø 4.5 h/day)

8w
160 lm
20lm/W

3200 K
warm-white

infrared
sensor 180°

max. 12 m

IP 44

2-2000 lux

5 sec-15 min

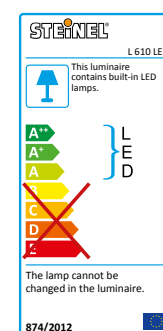
manual
override

2 m

energy
saving

3 JAHRE
functional
warranty

EAN L 610 LED	4007841 004026
Dimensions (h x w x d)	330 x 208 x 107 mm
Power supply	230-240 V, 50 Hz
Sensor type	passive infrared
Output	8 W
Brightness	160 lm
Efficiency	20 lm/W
Colour temperature	3200K/SDCM 6
Colour rendering	Ra ≥ 65
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Active- and Passive Thermo Control
Angle of coverage	180° with 90° angle of aperture
Capability of masking out individual segments	yes
Reach	2 basic settings: 12 m max. or 5 m max. (temperature-stabilised)
Twilight setting	2-2000 lx
Time setting	5 sec. - 15 min.
Basic light level	0 - 50%
Soft light start	yes
Manual override	selectable, 4 h
IP rating	IP44
Protection class	II
Material	stainless steel
Temperature range	-20 to +50°C
With lamp	STEINEL LED system



Including STEINEL LED system



Intelligent soft light start



Optional basic lighting level 0 - 50%



High-quality designer trim panel in stainless steel





SensorLights for
Outdoors

L 625 LED

L 625 LED

Embellishes the home.

Sets off your home's street number.

You get home late. The light at the front door switches 'ON' automatically and so you can immediately find your key. While you were out your light stopped two burglars from eying up your house while also saving you no end of energy. Convenience, safety and energy efficiency from one and the same light? The L 625 LED designer outdoor SensorLight makes this possible with innovative LED lighting technology - and a brilliant show of any house number.

LONG LIFE LED



LED
30 years
(Ø 4.5 h/day)

9w
155 lm
17 lm/W

3200 K
warm-white

infrared sensor 360°

max. 8m

IP 44

2-2000 lux

5 sec - 15 min

manual override

1.8-2m

energy saving

3 JAHRE GARANTIE
functional warranty

EAN L 625 LED	4007841 003746
Dimensions (h x w x d)	270 x 328 x 141 mm
Power supply	230-240 V, 50 Hz
Sensor type	passive infrared
Output	9 W
Brightness	155 lm
Efficiency	17 lm/W
Colour temperature	3200 K/SDCM 6
Colour rendering	Ra ≥ 65
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Active- and Passive Thermo Control
Angle of coverage	360° with sneak-by guard
Capability of masking out individual segments	yes
Reach	8 m max.
Twilight setting	2-2000 lx
Time setting	5 sec. - 15 min.
Basic light level	25%
Soft light start	yes
Manual override	selectable, 4 h
IP rating	IP44
Protection class	I
Material	aluminium
Temperature range	-20 to +50°C
With lamp	STEINEL LED system
Sheet of self-adhesive numbers	included



Including STEINEL LED system



Intelligent soft light start



Optional basic light level 25%



Sensor with 4 intelligent programs



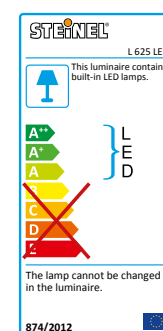
High-quality aluminium



Including sheet of self-adhesive house numbers



To the product film



L 626 LED

Simply stunning.

A real energy-saver too.

The L 626 LED designer outdoor SensorLight is not only perfected in form and function but also the perfect addition to the L 625 LED outdoor SensorLight with illuminated house number. Convenience, safety and energy efficiency from one and the same light? We make it possible using innovative STEINEL LED technology. The light is incredibly easy to install and the settings on the product are easy to understand too. Your neighbours will be amazed.



LED
30 years
(Ø 4.5 h/day)

8w
150lm
19lm/W

3200 K
warm-white

infrared
sensor 360°

max. 8m

IP 44

2–2000 lux

5 sec–15 min

manual
override

1.8–2m

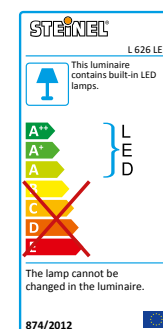
energy
saving

3 JAHRE
GARANTIE
functional
warranty

EAN L 626 LED	4007841 003753
Dimensions (h x w x d)	270 x 100 x 141 mm
Power supply	230–240 V, 50 Hz
Sensor type	passive infrared
Output	8 W
Brightness	150 lm
Efficiency	19 lm/W
Colour temperature	3200 K/SDCM 6
Colour rendering	Ra ≥ 65
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Active- and Passive Thermo Control
Angle of coverage	360° with sneak-by guard
Capability of masking out individual segments	yes
Reach	8 m max.
Twilight setting	2–2000 lx
Time setting	5 sec. - 15 min.
Basic light level	25%
Soft light start	yes
Manual override	selectable, 4 h
IP rating	IP44
Protection class	I
Material	aluminium
Temperature range	-20 to +50°C
With lamp	STEINEL LED system



Including STEINEL
LED system



Intelligent soft light start



Optional basic
light level 25%



Sensor with 4 intelligent
programs



High-quality aluminium



L 265 LED

Less is more.

Cutting-edge technology attractively packaged.

There's more technology in the L 265 LED sensor-switched wall light than its exterior suggests. This high-quality light pairs state-of-the-art intelligent technology with attractive design. The innovative LED lamp evenly illuminates the glass shade. The corona of LED light in the base adds an attractive lighting statement and the integrated power-LED shines down the wall when it's dark. Is your house number or your surname displayed on the wall? As usual, this light provides a wide choice of settings. And as usual, these are easy to understand.



LED
long life LED
25,000 h CRI 80*

8,5w
674lm
79,3lm/W*

3000 K
warm-white

infrared
sensor 360°

max. 8m

IP 44

2–2000 lux

5 sec – 15 min

manual
override

1.8–2m

energy
saving

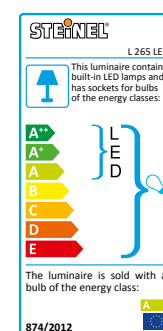
3 JAHRE
GARANTIE
functional
warranty

* for included
LED bulb

EAN L 265 LED	4007841 007898
Dimensions (h x w x d)	295 x 72 x 105 mm
Power supply	230–240 V, 50 Hz
Sensor type	passive infrared
Output	8.5 W
Brightness	674 lm
Efficiency	79.3 lm/W
Colour temperature	3000K/SDCM 6
Colour rendering	Ra ≥ 80
LED life expectancy	25,000 h
LED cooling system	Passive Thermo Control
Angle of coverage	360° with sneak-by guard
Capability of masking out individual segments	yes
Reach	8 m
Twilight setting	2–2000 lx
Time setting	5 sec. - 15 min.
Basic light level	LED ring
Manual override	selectable, 4 h
IP rating	IP44
Protection class	II
Material	aluminium, glass
Temperature range	- 10 to +50°C
With lamp	yes, LED lamp



Including innovative
LED lamp



LED ambient lighting



Sensor with 4 intelligent
programs



Opal glass shade



High-quality aluminium



L 260 LED

House and garden.

A perfect team.

The L 260 LED designer outdoor SensorLight is not only perfect in form and function but also a matching addition to the GL 60 LED outdoor SensorLight. The LED lamp evenly illuminates the glass shade. Convenience, safety and energy efficiency from one and the same light? We make it possible. The light is incredibly easy to install and the function settings on the product are easy to understand too. Automatically and gentle on the eyes, it slowly switches the light on and off again. All by itself.



LED
long life LED
25,000 h CRI 80*

8,6w
700lm
81.4lm/W*

3000 K
warm-white

infrared
sensor 240°

max. 12m

IP 44

2–2000 lux

5 sec–15 min

manual
override

2 m

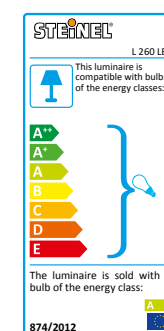
energy
saving

3 JAHRE
GARANTIE
functional
warranty

EAN L260LED	4007841 007874
Dimensions (h x w x d)	426 x Ø102 x 177 mm
Power supply	230–240 V, 50 Hz
Sensor type	passive infrared
Output	8.6 W
Brightness	700 lm
Efficiency	81.4 lm/W
Colour temperature	3000K/SDCM 6
Colour rendering	Ra ≥ 80
LED life expectancy	25,000 h
LED cooling system	Passive Thermo Control
Angle of coverage	240°
Capability of masking out individual segments	yes
Reach	12 m
Twilight setting	2–2000 lx
Time setting	5 sec. - 15 min.
Manual override	selectable, 4 h
IP rating	IP44
Protection class	I
Material	stainless steel, glass
Temperature range	-20 to +50°C
With lamp	yes, LED lamp



* for included LED bulb



Including innovative LED lamp



Intelligent soft light start



High-quality stainless steel



Opal glass shade



GL60 LED



SensorLights for
Outdoors

GL60 LED

International garden show. At your home.

Transform your property into a showcase. The modern, sleek design brings a very special mood to gardens, driveways or paths. The GL 60 LED SensorLight can tell if anyone is there and slowly switches the light on in a way that's kind on the eyes. Just as with the L260LED, it also incorporates the innovative LED lamp. It provides lighting filled with atmosphere and automatically switches itself off again after a pre-selected time. 360° coverage without blind spots, incidentally, is unique. Your neighbours will be amazed.



LED
long life LED
25,000 h CRI 80*

8,6w
812lm
94,4lm/W*

3000 K
warm-white

infrared
sensor 360°

max. 12 m

IP 44

2–2000 lux

5 sec–15 min

manual
override

2 m

energy
saving

3 JAHRE
GARANTIE
functional
warranty

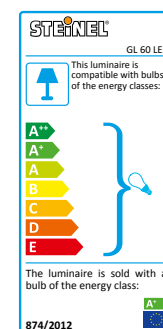
* for included
LED bulb

EAN GL60LED	4007841 007881
Dimensions (h x w x d)	1038 x Ø x 102 (glass shade) x Ø x 220 mm (base)
Power supply	230–240 V, 50 Hz
Sensor type	passive infrared
Output	8.6 W
Brightness	812 lm
Efficiency	94.4 lm/W
Colour temperature	3000K/SDCM 6
Colour rendering	Ra ≥ 80
LED life expectancy	25,000 h
LED cooling system	Passive Thermo Control
Angle of coverage	360°
Capability of masking out individual segments	yes
Reach	12 m
Twilight setting	2–2000 lx
Time setting	5 sec.–15 min.
Basic light level	0–50%
Soft light start	yes
Manual override	selectable, 4 h
IP rating	IP44
Protection class	II
Material	stainless steel, glass
Temperature range	-20 to +50°C
With lamp	yes, LED lamp



SensorLights for
Outdoors

Including innovative
LED lamp



Variable height



Intelligent soft light start



Optional basic
lighting level 0 - 50%



High-quality
stainless steel



L270S

Magnificent staging.

The number on your home will never be illuminated more attractively.

It's already dark when you get home. You are tired after a long day and all you want to do is get to bed. The light at the front door switches 'ON' automatically, shows you the way and you immediately find your key. Welcome home. While you were out your light exposed two uninvited guests and also saved you no end of energy in the bargain. Convenience, safety and energy efficiency from one and the same light? The L 270 S designer outdoor SensorLight makes it possible - and a brilliant show of any house number.



max. 2x40w

G9



infrared sensor 360°



max. 8m



IP 44



2-2000 lux



5 sec - 15 min



manual override



1.8-2m



energy saving

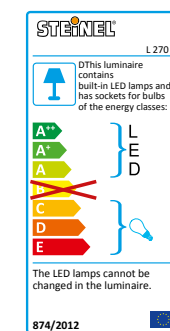
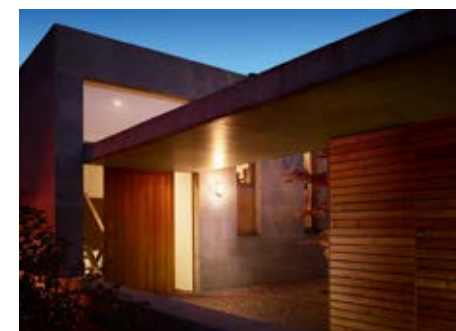
3 JAHRE GARANTIE

functional warranty

EAN L270S	4007841 647810
Dimensions (h x w x d)	270 x 328 x 141 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	2 x 40 W / G9
LED back-lit glass panel	approx. 1 W
Angle of coverage	360° with sneak-by guard
Capability of masking out individual segments	yes
Reach	8 m max. all-round
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
Basic lighting level	25 %
Soft light start	yes
Manual override	selectable, 4 hrs.
IP rating	IP44
Protection class	I
Material	aluminium
Complete with lamp	no
Sheet of self-adhesive numbers	included



Intelligent soft light start



Optional basic lighting level 25 %



Sensor with 4 intelligent programs



High-quality aluminium



Incl. sheet of self-adhesive house numbers



L271 S

For lighting up entrances.

Putting a sparkle in your eye too.

The L 271 S designer outdoor SensorLight is not only attractive in form and function but also the perfect addition to the L 270 S outdoor SensorLight with illuminated house number. Convenience, safety and energy efficiency from one and the same light. We make it possible using intelligent sensor technology. The light is incredibly easy to install and the settings on the product are easy to understand too. Your neighbours will be amazed.



max. 2x40w

G9



infrared sensor 360°



max. 8 m



IP 44



2-2000 lux



5 sec - 15 min



manual override



1.8-2 m

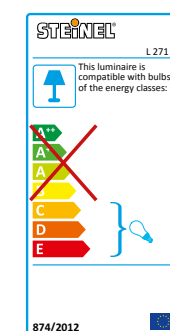
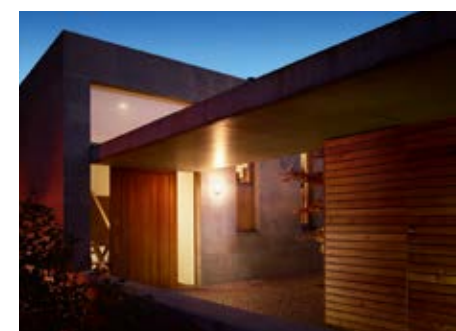


energy saving

3 JAHRE GARANTIE

functional warranty

EAN L271 S	4007841 647919
Dimensions (h x w x d)	270 x 100 x 141 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	2 x 40 W / G 9
Angle of coverage	360° with sneak-by guard
Capability of masking out individual segments	yes
Reach	8 m max. all-round
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
Basic lighting level	25 %
Soft light start	yes
Manual override	selectable, 4 hrs.
IP rating	IP44
Protection class	I
Material	aluminium
Complete with lamp	no



Intelligent soft light start



Optional basic lighting level 25 %



Sensor with 4 intelligent programs



High-quality aluminium





L20

L20

Modern design for your home's exterior. In timeless perfection.

The L 20 outdoor SensorLight provides attractive, even illumination. With its sleek-looking design and the inviting ambience it creates, this light is the ideal choice for driveways, exterior walls or side entrances. Its modern look and generous, adjustable detection zone make it a veritable highlight on any building while also saving huge amounts of energy. Incidentally, it's so quick and easy to install. Your neighbour won't even notice.



max. 60W
E27


infrared
sensor 180°


max. 10m


IP 44


90° vertical


2-2000 lux

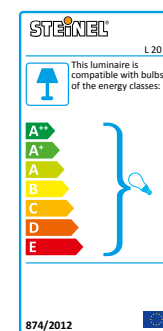

8sec-35min


2m


energy
saving

3 JAHRE
functional
warranty

EAN L20	4007841 566814
Dimensions (h x w x d)	240 x 230 x 80 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	60 W / E 27
Angle of coverage	180°
Capability of masking out individual segments	yes
Tilting range	90°
Reach	10 m max.
Response brightness	2 - 2,000 lx
Time setting	8 sec. - 35 min.
IP rating	IP44
Protection class	II
Impact resistance	IK07
Material	plastic with stainless steel trim panel
Complete with lamp	no



Impact-resistant
material rated to IK 07



High-quality designer
trim panel in stainless
steel



L 330S · L 331 S

One for all.

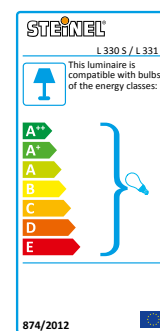
All in one.

The L 330S and L 331 S outdoor SensorLights bring pleasant, even lighting to your outside wall. Sleek, minimalist design makes it particularly suitable for driveways, garages or stairwells and round glass shade distributes light for illumination that's full of atmosphere. Incidentally, we have given these lights the very latest control system that's even capable of synchronizing several lights. The settings on the product are easy to understand. This way, one light controls the others at the same time.



- max. 60W
E27
- infrared sensor 360°
- max. 8m
- IP 44
- 2-2000 lux
- 5 sec - 15 min
- networkable
- 1.8-2m
- energy saving
- 3 JAHRE functional warranty

EAN L 330S white	4007841 670115
EAN L 330S silver	4007841 670214
EAN L 331 S white	4007841 670313
EAN L 331 S silver	4007841 670412
Dimensions (h x w x d)	275 x 255 x 110 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	60 W / E 27
Additional switching capacity (resistive load, e.g. incandescent lamps)	300 W max.
in parallel mode	5 lights max.
Angle of coverage	360° with sneak-by guard
Capability of masking out individual segments	yes
Reach	8 m max. all-round
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
Permanent light 'ON'	selectable, all night or half the night
IP rating	IP44
Protection class	II
Material	UV-resistant plastic
Complete with lamp	no



Sensor with 3 intelligent programs



UV-resistant plastic



L 11

Compact and modern. Convenient and efficient.

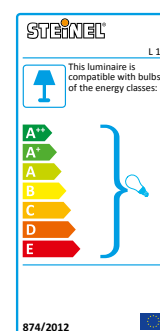
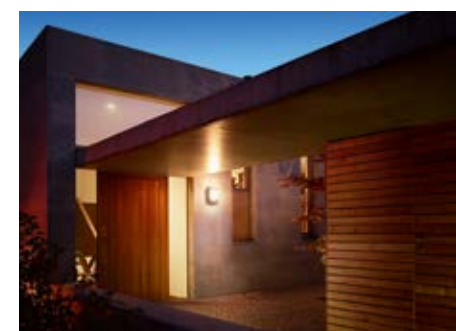
The L 11 outdoor SensorLight automatically switches light 'ON' and 'OFF' when really needed. Its modern look and generous, adjustable detection zone make it a veritable highlight on any building wall. The light comes as standard with a high-quality aluminium trim panel, modern design and sensor technology tried and proven in millions of applications. Intelligent lighting for a convenient life.



max. 60w
E27



EAN L 11	4007841 657710
Dimensions (h x w x d)	280 x 214 x 114 mm
Power supply	230 V, 50Hz
Sensor type	passive infrared
Max. output	60 W / E 27
Angle of coverage	180°
Capability of masking out individual segments	yes
Reach	10 m max.
Response brightness	2 - 2,000 lx
Time setting	8 sec. - 35 min.
IP rating	IP44
Protection class	II
Material	aluminium, UV-resistant plastic
Complete with lamp	no



High-quality aluminium trim panel



L 12

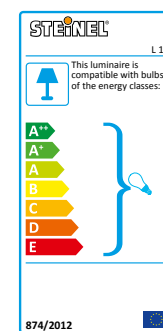
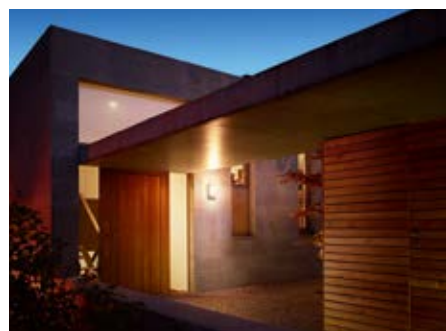
The energy and cost saver.

The light's 'ON'. Someone's left the light on yet again before they went out. The electricity provider is rubbing its hands, but no one else is particularly pleased. Wasting energy was yesterday. The L 12 outdoor SensorLight switches light 'ON' automatically and only ever when it's actually needed. Its modern look and generous, adjustable detection zone make it a veritable highlight on any building wall. Intelligent lighting for a convenient life.



- max. 60w
E27
- infrared sensor 180°
- max. 10m
- IP 44
- 90° vertical
- 2-2000 lux
- 8sec-35min
- 2m
- energy saving
- 3 JAHRE
functional warranty

EAN L 12	4007841 657918
Dimensions (w x h x d)	279 x 155 x 120
Power supply	230 V, 50Hz
Sensor type	passive infrared
Max. output	60 W / E 27
Angle of coverage	180°
Capability of masking out individual segments	yes
Reach	10 m max.
Response brightness	2 - 2,000 lx
Time setting	8 sec. - 35 min.
IP rating	IP44
Protection class	II
Material	aluminium, UV-resistant plastic
Complete with lamp	no



High-quality aluminium trim panel





L 860 S

**That's smart.
Thrifty elegance.**

Exquisite hand-blown Triopal glass shade, trim panel in stainless steel and reliable sensor technology. The L 860 S outdoor SensorLight leaves you wanting for nothing and provides attractive illumination only when it's actually needed. The light is quick and easy to install and with the glass shade held in place without using screws, changing the bulb isn't a problem either. Live life intelligently and save energy too.



max. 100w

E27



infrared sensor 180°



max. 12m



IP 44



2-2000 lux



5 sec - 15 min



manual override



2m

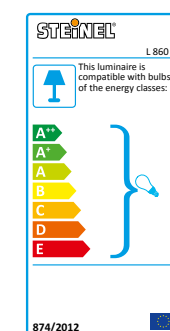


energy saving

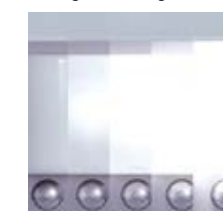
3 JAHRE

functional warranty

EAN L 860 S	4007841 642112
Dimensions (h x w x d)	330 x 222 x 105 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	100 W / E 27
Angle of coverage	180° with 90° angle of aperture
Capability of masking out individual segments	yes
Reach	2 basic settings: 12 m max. or 5 m max. (temperature-stabilised)
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
Basic lighting level	0% - 50%
Soft light start	yes
Manual override	selectable, 4 hrs.
IP rating	IP44
Protection class	II
Material	stainless steel
Complete with lamp	no



Intelligent soft light start



Optional basic lighting level 0 - 50 %



High-quality designer trim panel in stainless steel



Opal glass shade



L 867 S

Modern elegance.

For home and garden.

The L 867 S outdoor SensorLight provides attractive, even lighting. Sleek design makes it particularly suitable for driveways, building walls or side entrances and the hand-blown Triopal glass shade distributes light for illumination that's full of atmosphere. With the glass shade held in place without using screws, changing the bulb isn't a problem either. You simply replace the old bulb without the need for tools. The light is so quick and easy to install, your neighbour won't even notice. Comes complete with high-quality stainless steel trim panel.



max. 100W

E27



infrared sensor 180°



max. 12m



IP 44



2-2000 lux



5 sec - 15 min



manual override



2m

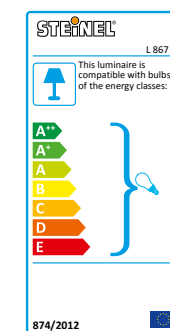
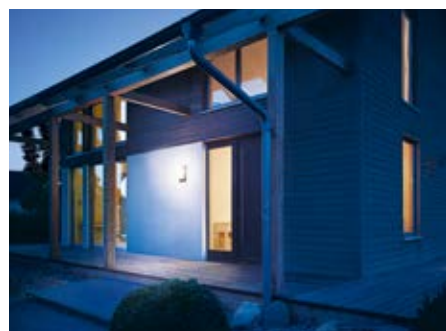


energy saving

3 JAHRE

functional warranty

EAN L 867 S	4007841 642518
Dimensions (h x w x d)	330 x 208 x 107 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	100 W / E 27
Angle of coverage	180° with 90° angle of aperture
Capability of masking out individual segments	yes
Reach	2 basic settings: 12 m max. or 5 m max. (temperature-stabilised)
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
Basic lighting level	0% - 50%
Soft light start	yes
Manual override	selectable, 4 hrs.
IP rating	IP44
Protection class	II
Material	stainless steel
Complete with lamp	no



Intelligent soft light start



Optional basic lighting level 0 - 50 %



High-quality designer trim panel in stainless steel



Opal glass shade



L 170S

Traditional values.

Modern lantern.

Are you looking for an exclusive SensorLight for a prestigious exterior? The L 170 S outdoor SensorLight combines high-quality stainless steel in classic lantern design with intelligent technology. It can tell whether anyone is present in the sensor's detection zone, automatically switching light extremely energy-efficiently 'ON' and 'OFF' again. In a nutshell: added value, more convenience, greater safety and security and maximum energy-savings.



max. 100W

E27



infrared sensor 180°



max. 12m



IP 44



2-2000 lux



5 sec - 15 min



manual override



2m

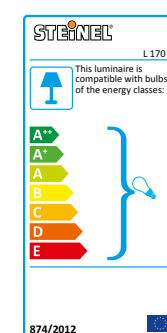


energy saving

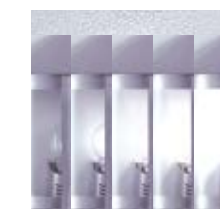
3 JAHRE

functional warranty

EAN L 170S	4007841 645311
Dimensions (h x w x d)	340 x 220 x 150 mm
Power supply	230 - 240 V, 50/60 Hz
Sensor type	passive infrared
Max. output	100 W / E 27
Angle of coverage	180° with 90° angle of aperture
Capability of masking out individual segments	yes
Reach	2 basic settings: 12 m max. or 5 m max. (temperature-stabilised)
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
Basic lighting level	0% - 50%
Soft light start	yes
Manual override	selectable, 4 hrs.
IP rating	IP43
Protection class	II
Material	stainless steel
Complete with lamp	no



Intelligent soft light start



Optional basic lighting level 0 - 50 %



High-quality designer trim panel in stainless steel







L 190 S

L 560 S

Day in, day out.

An all-round classic.

We combine tried and proven technology and timeless design for your intelligent home. Added convenience, greater safety and security as well as maximum energy-savings are very easy to achieve with the classically styled L 560 S. Because the light switches 'ON' automatically and only when it's actually needed. The built-in sensor can tell whether you are there, with the light providing even illumination that's full of atmosphere. Reliably night after night.



max. 60W

E27



infrared sensor 140°



max. 12 m



IP 44



180° horizontal
90° vertical



2-2000 lux



8sec-35min



2 m



energy saving

3 JAHRE GARANTIE

functional warranty

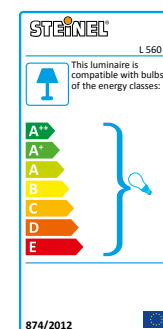
EAN L 560 S white	4007841 634315
EAN L 560 S black	4007841 634216
Dimensions (h x w x d)	368 x 215 x 243 mm
Power supply	230 - 240 V, 50/60 Hz
Sensor type	passive infrared
Max. output	60 W / E 27
Angle of coverage	140° detection angle with sneak-by guard
Capability of masking out individual segments	yes
Swivelling range	130°
Tilting range	65°
Reach	12 m max.
Response brightness	2 - 2,000 lx
Time setting	10 sec. - 15 min.
IP rating	IP44
Protection class	II
Material	UV-resistant plastic
Complete with lamp	no



white



black



UV-resistant plastic



L 562 S

Good old days.

Beautiful new lighting.

The unadorned, classic design of the L 562 S wall SensorLights possesses the charm of bygone days, but the technology is modern and, above all, intelligent. Today, outdoor lights only come 'ON' when light is actually needed. The sensor can tell whether anyone's present in the detection zone and automatically switches light 'ON' and 'OFF' again. This makes the light extremely energy-efficient. In a nutshell: more convenience, greater safety and security and maximum energy-savings.



max. 60w

E27



infrared sensor 140°



max. 12m



IP 44



180° horizontal
90° vertical



2-2000 lux



8sec-35min



2m

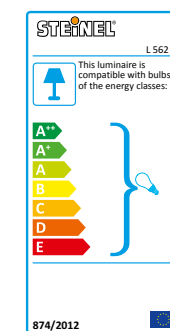
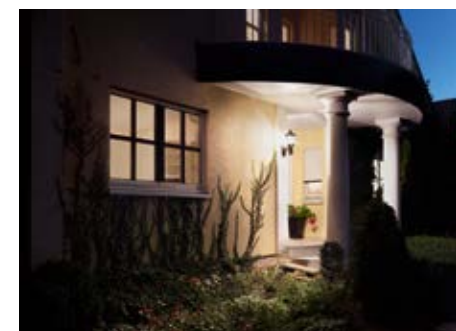


energy saving



3 JAHRE
functional warranty

EAN L 562 S	4007841 634612
Dimensions (h x w x d)	410 x 200 x 260 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	60 W / E 27
Angle of coverage	140° detection angle with sneak-by guard
Capability of masking out individual segments	yes
Swivelling range	130°
Tilting range	65°
Reach	12 m max.
Response brightness	2 - 2,000 lx
Time setting	10 sec. - 15 min.
IP rating	IP44
Protection class	II
Material	UV-resistant plastic
Complete with lamp	no



UV-resistant plastic



L 115 S



SensorLights for
Outdoors

L 115 S

Intelligent vigilattness. Lights you up.

Exquisite hand-blown crystal glass shade and reliable sensor technology. The L 115 S outdoor SensorLight leaves you wanting for nothing and provides attractive illumination only when it's actually needed. The built-in sensor can tell whether you are there, with a light providing even illumination that's full of atmosphere. More quality of life, added safety and security and maximum energy-savings from intelligent technology.



max. 60W

E27



infrared
sensor 240°



max. 12 m



IP 44



2 - 2000 lux



5 sec - 15 min



2 m



energy
saving

3 JAHRE
GARANTIE

functional
warranty

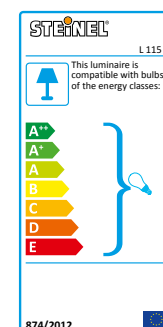
EAN L 115 S white	4007841 657413
EAN L 115 S silver	4007841 657512
Dimensions (h x w x d)	330 x 215 x 257 mm
Power supply	220 - 240 V, 50/60Hz
Sensor type	passive infrared
Max. output	60 W / E 27
Angle of coverage	240° with 120° angle of aperture
Capability of masking out individual segments	yes
Reach	12 m max.
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
Basic lighting level	0% - 50%
IP rating	IP44
Protection class	II
Material	UV-resistant plastic
Complete with lamp	no



white



silver



Optional basic lighting
level 0 - 50 %



UV-resistant plastic



L 585 S

An individualist.

Standing out on its own.

It's already dark when you get home. The light at the front door switches on automatically, illuminates your way and you immediately find your key. The technology has become intelligent. All made possible by the new sensor technology in this advanced light that only switches on when light is actually needed. The built-in sensor can tell whether anyone is present in the detection zone and switches the light on automatically. The attractive, lowered lampholder now also lets you use modern lamps. Reliably and stylishly illuminating the outside of your property with even, energy-saving light. Night after night.



60w
E27

infrared
sensor 180°

max. 12 m

IP 44

70° vertical

2-2000 lux

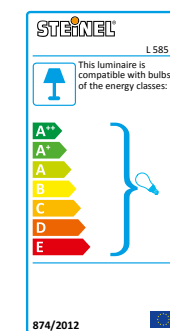
8sec-35min

2m

energy
saving

3 JAHRE
functional
warranty

EAN L 585 S white	4007841 005917
EAN L 585 S black	4007841 005535
Dimensions (h x w x d)	307 x 215 x 228 mm
Power supply	230-240 V, 50 Hz
Sensor type	passive infrared
Max. output	60 W / E 27
Detection angle	180° with sneak-by guard
Capability of masking out individual segments	Yes
Tilting range	70°
Reach	12 m max.
Twilight setting	2-2000 lx
Time setting	8 sec.-35 min.
IP rating	IP44
Protection class	II
Material	UV-resistant plastic
With lamp	no



L 190S

Intelligent lantern. For lighting-up your home.

Adorn the outside of your home with a classic light in lantern form. Lavishly ornamented die-cast aluminium detailing and intelligent technology make the L 190 S outdoor SensorLight an exclusive feature on the wall of your home. The sensor responds automatically and the integrated soft start function slowly switches the light 'ON' in a way that's kind on the eyes. Intelligent lighting for a convenient life.



max.100w
E27



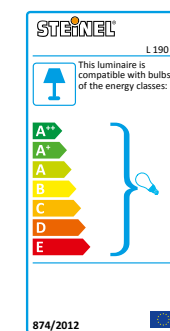
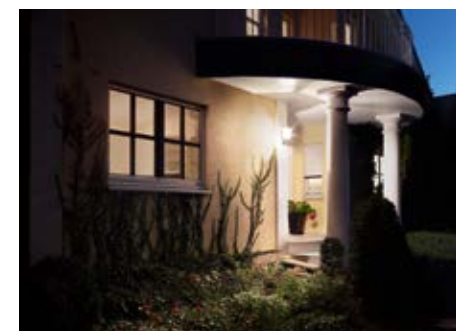
EAN L 190S white	4007841 644512
EAN L 190S black	4007841 644413
Dimensions (h x w x d)	335 x 217 x 147 mm
Power supply	230 - 240 V, 50/60 Hz
Sensor type	passive infrared
Max. output	100 W / E 27
Angle of coverage	180° with 90° angle of aperture
Capability of masking out individual segments	yes
Reach	2 basic settings: 12 m max. or 5 m max. (temperature-stabilised)
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
Basic lighting level	0% - 50%
Soft light start	yes
Manual override	selectable, 4 hrs.
IP rating	IP44
Protection class	II
Material	aluminium
Complete with lamp	no



white



black



Intelligent soft light start



Optional basic lighting level 0 - 50 %



High-quality aluminium



L 15

**Everything was better in the good old days.
Well, almost everything.**

We've given a touch of those past times to the L 15 wall SensorLight. Nowadays however, outdoor lights only come 'ON' when light is actually needed. The sensor can tell whether anyone's present in the detection zone and automatically switches light 'ON' and 'OFF' again. The light combines cutting-edge technology with classic design and is also extremely energy-efficient. In a nutshell: energy savings, convenience, safety and security. Guess that's everything else but yesterday.



max. 60w
E27



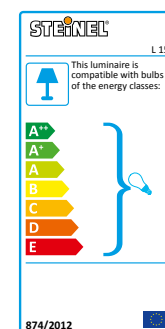
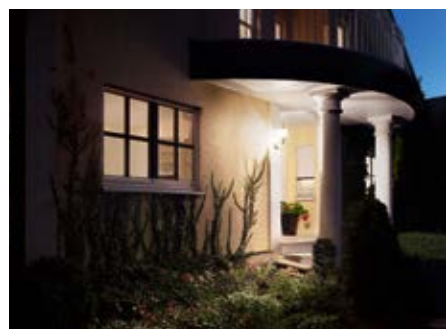
EAN L 15 white	4007841 617912
EAN L 15 black	4007841 617813
Dimensions (h x w x d)	410 x 190 x 240 mm
Power supply	230 V, 50 Hz
Sensor type	passive infrared
Max. output	60 W / E 27
Angle of coverage	180°
Capability of masking out individual segments	yes
Tilting range	90°
Reach	10 m max.
Response brightness	2 - 2,000 lx
Time setting	8 sec. - 35 min.
IP rating	IP44
Protection class	II
Material	UV-resistant plastic
Complete with lamp	no



white



black



UV-resistant plastic



GL 16 S

Past meets present.

Fashioned in the style of bygone days, the GL 16 S outdoor SensorLight in die-cast aluminium is the ideal free-standing or bollard light for gardens driveways and paths. The SensorLight switches light 'ON' all automatically and only when it's really needed. The detection zone is matched very easily to the situation at the point of installation. Yesterday's design meets today's intelligent lights putting convenience to life.



max.100w

E27



infrared sensor 180°



max. 12m



IP 44



35° vertical



2-2000 lux



10sec-15min



energy saving



3 JAHRE GARANTIE
functional warranty

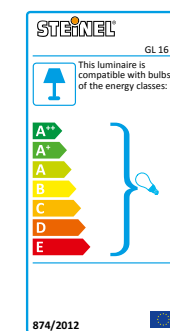
EAN GL 16 S white	4007841 617110
EAN GL 16 S black	4007841 617011
Dimensions (h x Ø)	1,000 x 260 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	100 W / E 27
Angle of coverage	180° with sneak-by guard
Capability of customising detection zone with shrouds	yes
Tilting range (sensor)	35°
Reach	12 m max.
Response brightness	2 - 2,000 lx
Time setting	10 sec. - 15 min.
IP rating	IP44
Protection class	II
Material	aluminium
Complete with lamp	no



white



black



Variable height



High-quality aluminium





L 1

Simply stylish.

Practical in many ways.

Centre pass, shoot, goal! Kids are playing football in the front garden and the ball smashes into the house wall. Your L 1 outdoor SensorLight looks on completely unruffled. The impact-resistant material provides the best protection against accidental damage. Light's only provided when it's actually needed. The built-in sensor can tell whether you are there, with the light providing even illumination that's full of atmosphere. Reliably night after night.



max. 60w

E27



infrared sensor 180°



max. 10m



IP 44



90° vertical



2-2000 lux



8sec-35min



2m

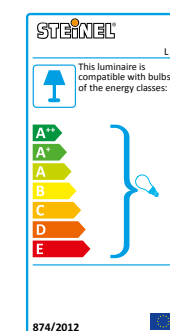
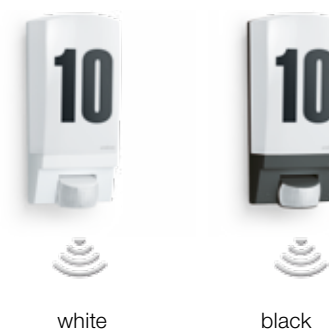


energy saving

3 JAHRE
GARANTIE

functional warranty

EAN L 1 white	4007841 650513
EAN L 1 black	4007841 650612
Dimensions (h x w x d)	255 x 110 x 120 mm
Power supply	230 V, 50 Hz
Sensor type	passive infrared
Max. output	60 W / E 27
Angle of coverage	180°
Capability of masking out individual segments	yes
Tilting range	90°
Reach	10 m max.
Response brightness	2 - 2,000 lx
Time setting	8 sec. - 35 min.
IP rating	IP44
Protection class	II
Impact resistance	IK07
Material	UV-resistant plastic
Complete with lamp	no
Sheet of self-adhesive numbers	included



Incl. sheet of self-adhesive house numbers.



Impact-resistant material rated to IK 07



UV-resistant plastic



DL850S

Ideal for your porch.

Ideal for your convenience.

Does your home have a porch you want to install a light under? You want to live life conveniently and save energy too? Then the DL 850 S is the perfect choice. The outdoor SensorLight switches light 'ON' automatically and only ever when it's actually needed. Its instant response and 360° detection zone make it a real highlight at the front door. Intelligent lighting for a convenient life. Including low-energy lamp.



incl. 2x9w

2G7



infrared sensor 360°



max. 7 m



IP 44



2-2000 lux



1 min - 15 min



2.5 m

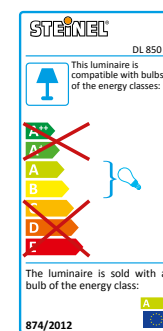


energy saving

3 JAHRE GARANTIE

functional warranty

EAN DL850S white	4007841 760113
Dimensions (h x w x d)	Ø 258 x 74 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Output	includes 2 x 9 W / 2G7 (low-energy lamps)
Angle of coverage	360° with 160° angle of aperture
Reach	7 m max. all-round (temperature-stabilised)
Response brightness	2 - 2,000 lx
Time setting	1 min. - 15 min.
IP rating	IP44
Protection class	II
Impact resistance	IK07
Material	UV-resistant plastic
Complete with lamp	yes



Including 2 x 2G7 low-energy lamps



Impact-resistant material rated to IK 07



UV-resistant plastic



DL750S

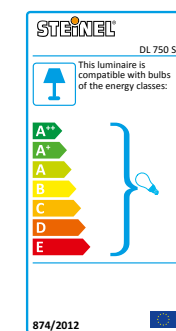
All good things come from above.

The DL 750 S outdoor SensorLight provides pleasant, even light from the ceiling. Its sleek, minimalist design also makes it particularly suitable for porches, wall projections or carports and the hand-blown glass shade distributes light for illumination that's full of atmosphere. Involving no screws, the glass shade is held in place by a bayonet catch which means that changing the bulb is fool-proof. You simply replace the old bulb without the need for tools. Intelligent lighting for an intelligent life.



- max. 100W
- E27
- infrared sensor 360°
- max. 12m
- IP 44
- 2-2000 lux
- 5 sec - 15 min
- manual override
- 2.5m
- energy saving
- 3 JAHRE functional warranty

EAN DL 750S white	4007841 650315
EAN DL 750S impact-resistant, white	4007841 650414
Dimensions (h x w x d)	135 x 315 x 315 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	100 W / E 27
Angle of coverage	360° with 180° angle of aperture
Capability of masking out individual segments	yes
Reach	12 m max. all-round (temperature-stabilised)
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
Basic lighting level	0% - 50%
Manual override	selectable, 4 hrs.
Soft light start	yes
IP rating	IP44
Protection class	I
Material	UV-resistant plastic
Complete with lamp	no





"Seeing and being seen starts in our back garden."



XLED home3



Even more brilliance.

Without using any more electricity.

In just a few years, the STEINEL XLED home range has become one of our top sellers. The reason is obvious: we have given efficient LEDs a very long life by protecting them with Active Thermo Control. And combined them with STEINEL's tried and proven IR sensor technology. This way, patios, courtyards and other outdoor areas are flooded with particularly cost-effective, bright light as soon as the detector is activated. This provides a high level of safety, security – and more quality of life. Yet this is no reason for us to rest on our laurels. So we have consistently advanced the range – and given the XLED home floodlights 25% more luminous power. Without affecting consumption. What's more, we have been able to improve the colour rendering index to $R_a > 80$. We're certain this will go down well too.



XLED home3

Floodlighting for your home game. Day-bright light over 300 sq.m.

Daylight off, LED floodlight on. The XLED home 3 sensor-switched LED floodlight with 330 LEDs provides stage-worthy illumination for driveways, courtyards and gardens. And all with sensation-ally low energy consumption. Economical 18 W LEDs replace 300 W halogen lights. The most powerful LED floodlight emits only a fraction of the heat that conventional halogen floodlights do which means they can also be installed without any issues under porches. STEINEL's patented Active Thermo Control (ATC) cooling system additionally protects the floodlight from overheating. This is how the light cannon works even under permanent fire.



LED
30 years
(Ø 4.5 h/day)

18w
1426 lm
80lm/W

6700 K
cold-white

infrared
sensor 140°

max. 14 m

IP 44

180° horizontal
120° vertical

180° horizontal
90° vertical

2-2000 lux

8sec-35min

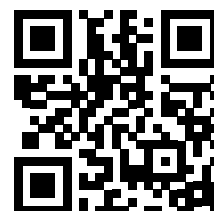
networkable

2 m

energy
saving

5 JAHRE
functional
warranty

To the product film



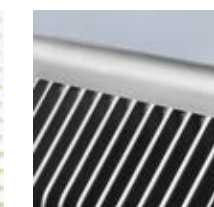
EAN XLED home3 white	4007841 582210
EAN XLED home3 silver	4007841 582319
EAN XLED home3 black	4007841 582111
Dimensions (h x w x d)	206 x 234 x 180 mm
Power supply	230-240 V, 50 Hz
Sensor type	passive infrared
Output	18 W
additional switching capacity	
Max. output (resistive load, e.g. incandescent lamp)	800 W
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	400 W
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	4 each max., C ≤ 88 µF
Brightness	1426 lm
Efficiency	79.2 lm/W
Colour temperature	6700K/SDCM 6
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Active- and Passive Thermo Control
Floodlight swivelling range	180°
Floodlight tilting range	120°
Angle of coverage	140° with sneak-by guard
Sensor swivelling range	180°
Sensor tilting range	90°
Reach	14 m
Twilight setting	2-2000 lx
Time setting	8 sec. - 35 min.
IP rating	IP 44
Protection class	I
Material	UV-resistant plastic with aluminium heat sink
Temperature range	-20 to +40°C
With lamp	STEINEL LED system



Including STEINEL LED system



Intelligent LED cooling system



UV-resistant plastic



XLED home3 SL

Power LED floodlighting. Solo or team-player.

330 LEDs for day-bright illumination outside your home. Our most powerful LED floodlight is also available without a sensor – but with the same output. The XLED home 3 SL provides the key to intelligently extending your floodlight system for perfectly illuminating even more space. Needless to say, you can also use the power floodlight on its own. Whichever way: electricity costs are always minimal. Just as heat build-up – thanks to the Active Thermo Control cooling system.

LED
30 years
(Ø 4.5 h/day)

18w
1426 lm
80lm/W


6700 K
cold-white


IP 44


180° horizontal
120° vertical


networkable

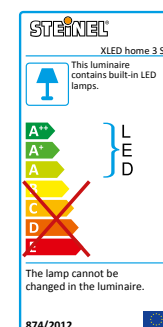
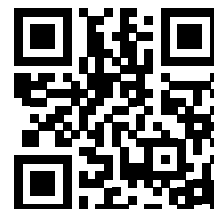

energy
saving

5 JAHRE
GARANTIE
functional
warranty

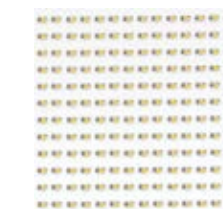
EAN XLED home3 SL white	4007841 006877
EAN XLED home3 SL silver	4007841 006891
EAN XLED home3 SL black	4007841 006884
Dimensions (h x w x d)	206 x 234 x 180 mm
Power supply	230–240 V, 50 Hz
Output	18 W
Brightness	1426 lm
Efficiency	79.2 lm/W
Colour temperature	6700K/SDCM 6
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Active- and Passive Thermo Control
Floodlight swivelling range	180°
Floodlight tilting range	120°
IP rating	IP 44
Protection class	I
Material	UV-resistant plastic with aluminium heat sink
Temperature range	-20 to +40°C
With lamp	STEINEL LED system



To the product film



Including STEINEL LED system



Intelligent LED cooling system



UV-resistant plastic



XLED home 1

Top seller.

Now 25% more light for the same amount of electricity.

The XLED home 1 sensor-switched floodlight with its perfect looks and illumination takes care of your security while using a sensationally low amount of energy. Whether interconnected or used on its own, the powerful floodlight makes your property as bright as day. Because economical 12 W LEDs replace 150 W of halogen light. Thanks to STEINEL's patented Active Thermo Control (ATC) cooling system, the floodlight only generates an extremely low level of heat which means installation under overhanging roofs and projecting surfaces is not an issue.



LED
30 years
(Ø 4.5 h/day)

12w
920lm
76,6lm/W

6700 K
cold-white

infrared
sensor 140°

max. 14 m

IP 44

180° horizontal
120° vertical

180° horizontal
90° vertical

2–2000 lux

8sec–35min

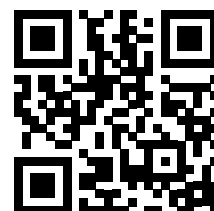
networkable

2 m

energy
saving

5 JAHRE
functional
warranty

To the product film



EAN XLED home 1 white	4007841 002695
EAN XLED home 1 silver	4007841 002688
EAN XLED home 1 black	4007841 003661
Dimensions (h x w x d)	175 x 210 x 180 mm
Power supply	230–240 V, 50 Hz
Sensor type	passive infrared
Output	12 W
additional switching capacity	
Max. output (resistive load, e.g. incandescent lamp)	800 W
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	400 W
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	4 each max., C ≤ 88 µF
Brightness	920 lm
Efficiency	76.6 lm/W
Colour temperature	6700K/SDCM 6
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Active- and Passive Thermo Control
Floodlight swivelling range	180°
Floodlight tilting range	120°
Angle of coverage	140° with sneak-by guard
Sensor swivelling range	180°
Sensor tilting range	90°
Reach	14 m
Twilight setting	2–2000 lx
Time setting	8 sec. - 35 min.
IP rating	IP 44
Protection class	I
Material	UV-resistant plastic with aluminium heat sink
Temperature range	-20 to +40°C
With lamp	STEINEL LED system



Including STEINEL LED system



Intelligent LED cooling system



UV-resistant plastic



XLED home 1 SL

The ideal team player.

Now 25% more light for the same amount of electricity.

The XLED home 1 SL LED floodlight stays cool. It emits only a fraction of the heat conventional halogen floodlights do which means it can also be installed without an issue under porches. And STEINEL's patented Active Thermo Control cooling system additionally protects the floodlight from overheating. Whether interconnected or used on its own in conjunction with a sensor, the powerful floodlight makes your property as bright as day; since the economical 12 W LEDs replace 150 W of halogen light and bathe an area of 150 sq.m. in light that's as bright as day. Cool stuff.

LED
30 years
(Ø 4.5 h/day)

12w
920lm
76,6lm/W

6700 K
cold-white

IP 44

180° horizontal
120° vertical

networkable

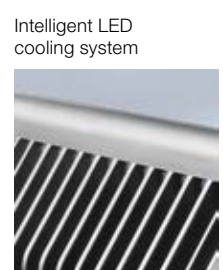
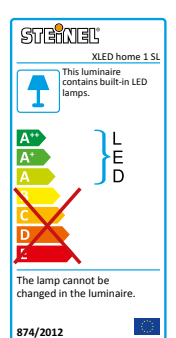
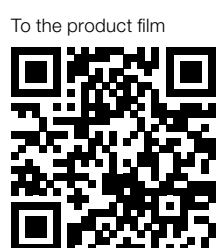
energy saving

5 JAHRE GARANTIE
functional warranty

EAN XLED home 1 SL white	4007841 659813
EAN XLED home 1 SL silver	4007841 659714
EAN XLED home 1 SL black	4007841 659912
Dimensions (h x w x d)	175 x 210 x 180 mm
Power supply	230-240 V, 50 Hz
Output	12 W
Brightness	920 lm
Efficiency	76.6 lm/W
Colour temperature	6700K/SDCM 6
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Active- and Passive Thermo Control
Floodlight swivelling range	180°
Floodlight tilting range	120°
IP rating	IP 44
Protection class	I
Material	UV-resistant plastic with aluminium heat sink
Temperature range	-20 to +40°C
With lamp	STEINEL LED system



LONG LIFE LED





150W MAX.

STEINEL®

HS 150DUO

HS 150 DUO

That's what we like to see.

A beaming winner.

In its modern design, the HS 150 DUO sensor-switched halogen floodlight puts the focus on eye-catching attractions, illuminates the way and frightens off unwelcome guests. It does all these jobs intelligently and reliably – whether it's raining, snowing or blowing a gale. We have developed this floodlight for all needs at the front of the home, driveways and side entrances, designing it to take lamps as powerful as 150 watts. Of course, the light-level threshold at which the sensor responds is defined by no other than you yourself. Just like many other settings. An ECO linear lamp is included.



infrared sensor 240°

max. 150w
R7s



max. 12m



IP 44



80° horizontal
150° vertical



networkable



2–2000 lux



10sec–15min



2m

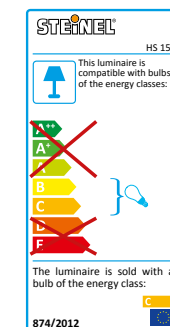
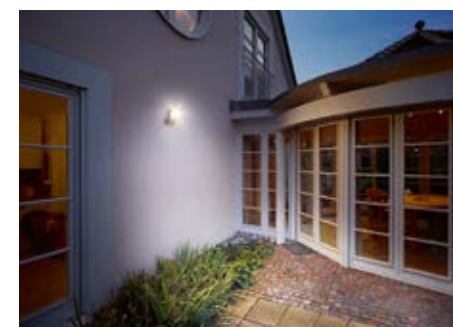


energy saving

3 JAHRE
functional warranty



EAN HS150DUO white	4007841 633110
EAN HS150DUO platinum	4007841 646318
EAN HS150DUO black	4007841 633011
Dimensions (h x w x d)	215 x 155 x 170 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	150 W/R7s linear halogen lamp
Additional switching capacity	
Max. output (resistive load, e.g. ordinary lamp)	800 W
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	4 each max., C ≤ 88 µF
Floodlight swivelling and tilting range	80° (swivelling), 150° (tilting)
Angle of coverage	240° with 180° angle of aperture
Response brightness	2 - 2,000 lx
Reach	12 m (temperature-stabilised)
Capability of masking out individual segments	yes
Time setting	.10 sec. - 15 min.
IP rating	IP44
Protection class	I
Material	UV-resistant plastic and aluminium floodlight head
Complete with lamp	yes, 125 W ECO linear lamp
Optional accessory	Corner wall mount 02 bracket for mounting on external corners
EAN EWH 02 white	4007841 630669
EAN EWH 02 black	4007841 630560



Including 125 W ECO halogen lamp



Highly effective ceramic reflector



UV-resistant plastic



Optional corner wall mount 02 bracket



H 150

Without sensor.
But with-it.

The H 150 halogen floodlight shows noteworthy details in the right light, illuminates the way and can ward off unwanted visitors. It does all these jobs reliably – whether it's raining, snowing or blowing a gale. We have developed the high-quality floodlight for needs at the front of the home, driveways and side entrances, designing it to take lamps as powerful as 150 watts. It is particularly suitable for interconnecting with the HS 150 and an ECO halogen linear lamp is naturally included too.



max. 150w

R7s



IP 44



80° horizontal
150° vertical



2m



energy saving

3 JAHRE GARANTIE

functional warranty

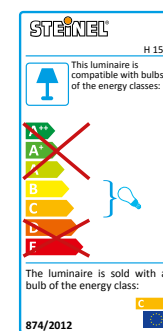
EAN H 150 white	4007841 631215
EAN H 150 black	4007841 631314
Dimensions (h x w x d)	180 x 156 x 166 mm
Power supply	230 - 240V/50Hz
Max. output	150 W/R7s linear halogen lamp
Floodlight swivelling and tilting range	80° (swivelling), 150° (tilting)
IP rating	IP44
Protection class	I
Material	UV-resistant plastic and aluminium floodlight head
Complete with lamp	yes, 125 W ECO linear lamp
Optional accessory	Corner wall mount 02 bracket for mounting on external corners
EAN EWH 02 white	4007841 630669
EAN EWH 02 black	4007841 630560



white



black



Including 125 W ECO halogen lamp



Highly effective ceramic reflector



UV-resistant plastic



Optional corner wall mount 02 bracket





HS 300 DUO

Illuminating your home.

Beckenbauer would be proud.

The HS 300 DUO sensor-switched halogen floodlight turns your driveway into a playing pitch at night too. With its ceramic reflector it puts the spotlight on eye-catching attractions, illuminates the way to the front door or frightens off uninvited guests. We have developed the attentive floodlight especially for needs at the front of homes, driveways and side entrances. Of course, the light-level threshold at which the sensor responds is defined by no other than you yourself. Now you can practise dribbling on the drive round the clock. An ECO linear lamp is included to get you started.



max. 300W

R7s



infrared sensor 240°



max. 12 m



IP 44



80° horizontal
150° vertical



2-2000 lux



10sec-15min



2 m



energy saving

3 JAHRE GARANTIE

functional warranty

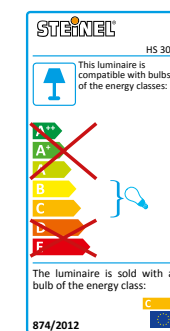
EAN HS300DUO white	4007841 633318
EAN HS300DUO black	4007841 633219
Dimensions (h x w x d)	240 x 210 x 180 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	300 W/R7s linear halogen lamp
Floodlight swivelling and tilting range	80° (swivelling), 150° (tilting)
Angle of coverage	240° with 180° angle of aperture
Capability of masking out individual segments	yes
Reach	12 m (temperature-stabilised)
Response brightness	2 - 2,000 lx
Time setting	10 sec. - 15 min.
IP rating	IP44
Protection class	I
Material	UV-resistant plastic and aluminium floodlight head
Complete with lamp	yes, 240 W ECO linear lamp



white



black



Including 240 W ECO halogen lamp



Highly effective ceramic reflector



UV-resistant plastic



HS 500 DUO

Full beam ahead.

With intelligent technology.

The HS 500 DUO sensor-switched halogen floodlight puts the focus on eye-catching attractions, illuminates the way and frightens off unwelcome guests. It does all these jobs intelligently and reliably – whether it's raining, snowing or blowing a gale. We have developed the watchful floodlight for the most exacting of demands, designing it to take lamps as powerful as 500 watts. Of course, the light-level threshold at which the sensor responds is defined by no other than you yourself; besides the linear ECO halogen lamp also being included. Intelligent lighting for a convenient life.



max. 500w

R7s



infrared sensor 240°



max. 20m



IP 44



80° horizontal
150° vertical



2–2000 lux



10sec–15min



2m



energy saving

3 JAHRE GARANTIE

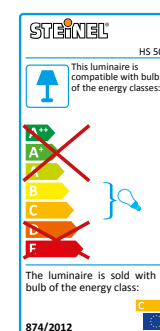
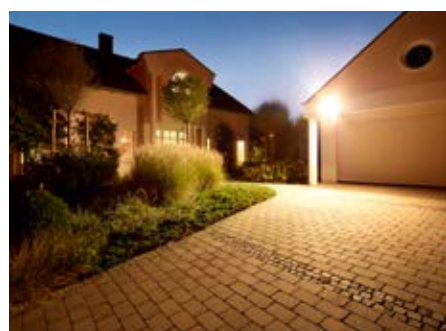
functional warranty

EAN HS500DUO white	4007841 633516
EAN HS500DUO black	4007841 633417
Dimensions (h x w x d)	265 x 210 x 210 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	500 W/R7s linear halogen lamp
Floodlight swivelling and tilting range	80° (swivelling), 150° (tilting)
Angle of coverage	240° with 180° angle of aperture
Capability of masking out individual segments	yes
Reach	20 m max. (temperature-stabilised)
Response brightness	2 - 2,000 lx
Time setting	10 sec. - 15 min.
IP rating	IP44
Protection class	I
Material	UV-resistant plastic and aluminium floodlight head
Complete with lamp	yes, 400 W ECO linear lamp



white

black



Including 400 W ECO-halogen



UV-resistant plastic



HS5140

Your face will light up.

Brimming with technology, easy to install.

Are you looking for a way to enter the world of sensor-switched floodlighting? Hugely popular, our answer is the HS 5140 halogen floodlight with its tilting and swivelling Fresnel lens. However, that doesn't mean we're resting on our laurels. To start with, we're adding the 400-watt ECO linear lamp. Incidentally, with a D-mount the floodlight can also be mounted in an upright position.



max. 500w

R7s



infrared sensor 140°



max. 12m



IP 54



180° vertical



2-2000 lux



2m



energy saving



3 JAHRE functional warranty

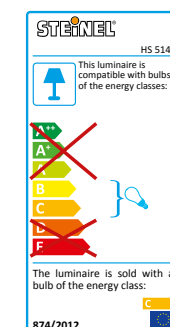
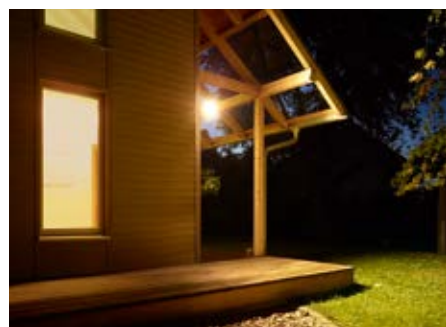
EAN HS5140 white	4007841 577919
EAN HS5140 black	4007841 575212
Dimensions (h x w x d)	185 x 170 x 160 mm
Power supply	230 - 240V/50Hz
Sensor type	passive infrared
Max. output	500 W/R7s linear halogen lamp
Angle of coverage	140° with sneak-by guard
Sensor tilting range	180°
Reach	12 m (temperature-stabilised)
Response brightness	2 - 2,000 lx
Time setting	8 sec. - 35 min.
IP rating	IP54
Protection class	I
Material	UV-resistant plastic and aluminium floodlight head
Complete with lamp	yes, 400 W ECO linear lamp



white



black



Including 400 W ECO halogen lamp



UV-resistant plastic



Free-standing installation





"That's the way it should be. A light that turns me on and not the other way round."

SensorLights for Indoors

Discover intelligent lighting, e.g. for corridors, stairwells, bathrooms, basements or garages.
STEINEL indoor SensorLights reliably and automatically switch the light 'ON' and 'OFF' again after a preselected time. For you, this means a high level of convenience, safety and security as well as energy efficiency from intelligent technology.



FRS20 LED

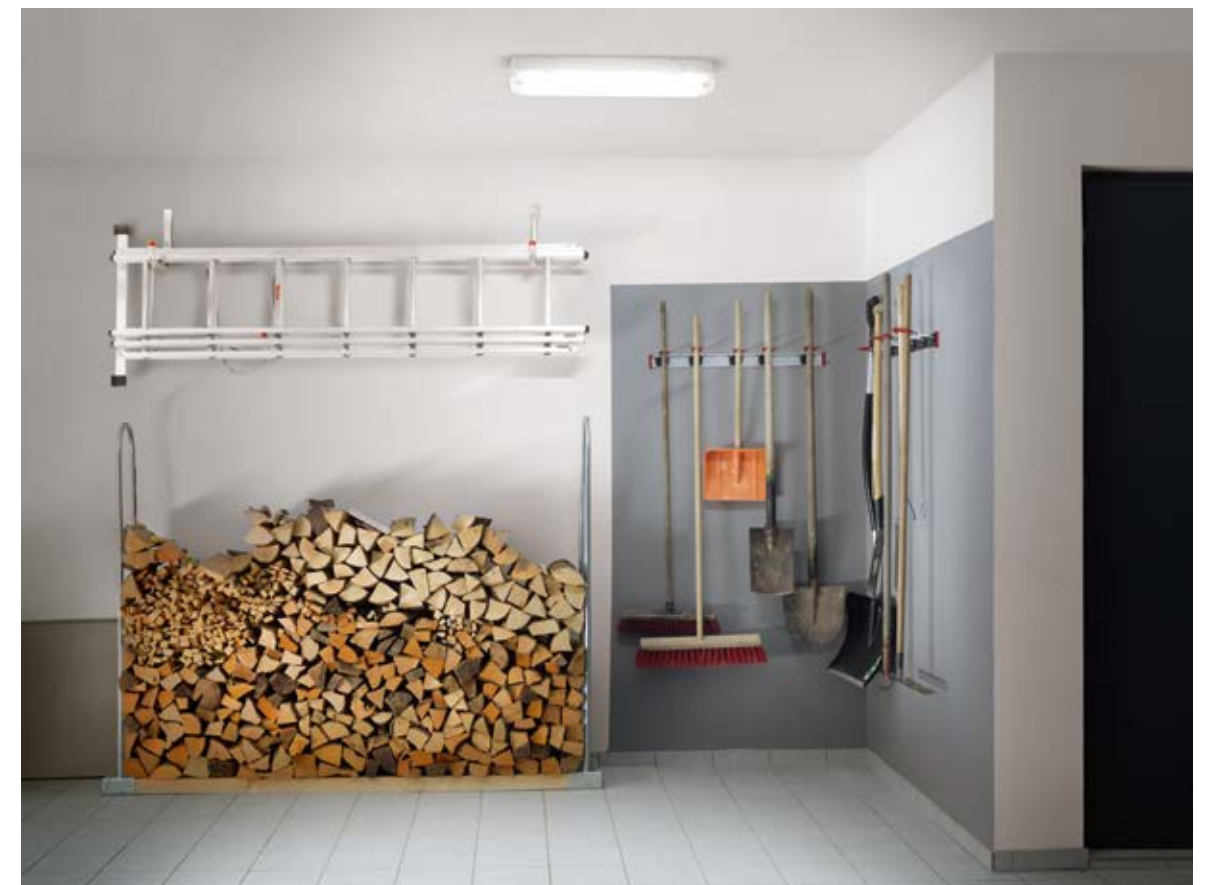
RS LED A1



RS 16L

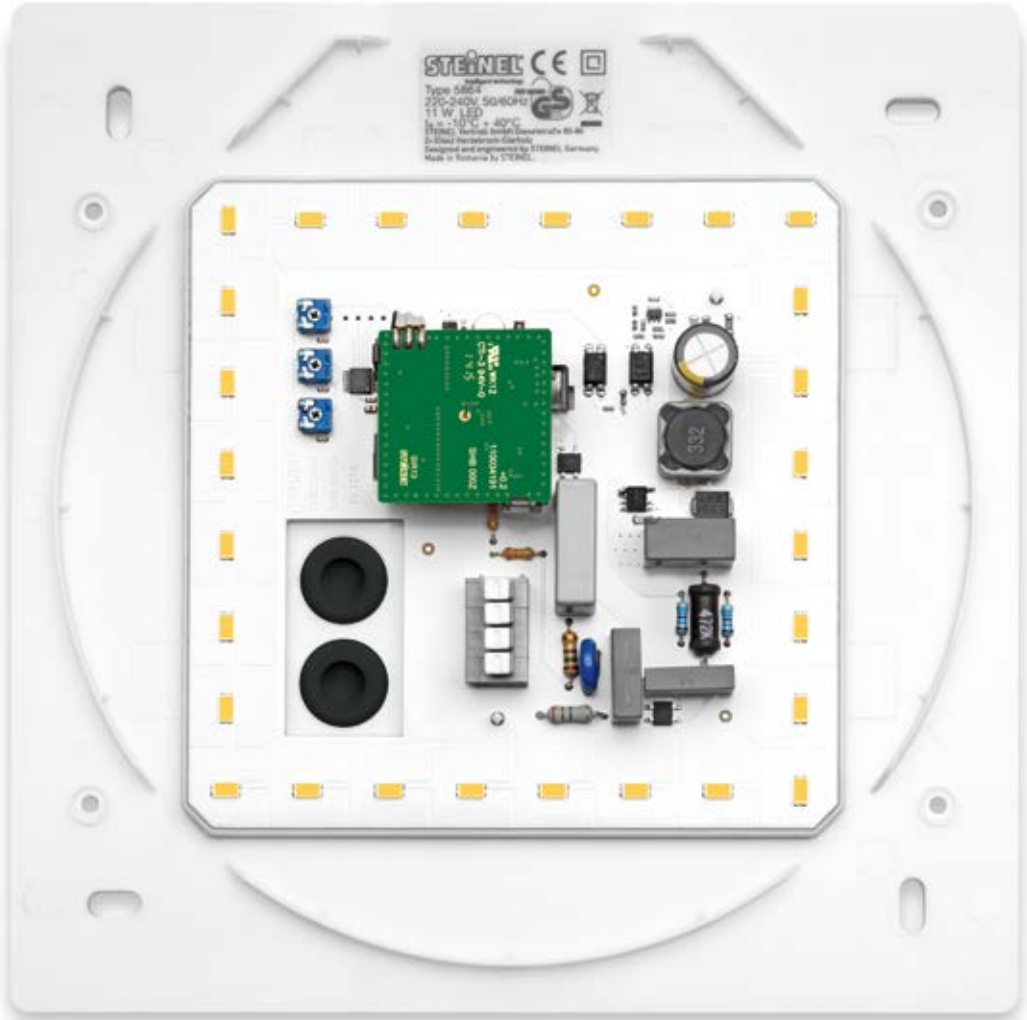


FRS30





RS LED D2





RS LED D1 · RS LED D2

**It's always been attractive.
Now it's even brighter.**

Sleek, attractive lines. Opting for the RS LED D1/D2 designer indoor luminaire, you'll be giving your home a real designer highlight with pleasant LED illumination. With its stunning looks and intelligent technology, this light provides the last word in stylish home convenience. Once fitted to the wall or ceiling, the high-frequency sensor switches it 'ON' and 'OFF' in complete silence and all automatically. The light is child's play to install and the function settings on the product are easy to understand too. Your neighbours will be amazed.

LED
30 years
(\approx 4.5 h/day)

11w
600lm
54.5lm/W

3000K
warm-white

high frequency
sensor 360°

\varnothing 3–8 m

2–2000 lux

5 sec–15 min

energy
saving

3 JAHRE
functional
warranty

**LONG LIFE
LED**



EAN RS LED D1	4007841 007911
EAN RS LED D2	4007841 007928
Dimensions (h x w x d)	300 x 300 x 65.5 mm
Power supply	220–240 V, 50/60 Hz
Sensor type	high frequency
Transmission power	approx. 1 mW
HF system	5.8 GHz
Output	11 W
Brightness	600 lm
Efficiency	54.5 lm/W
Colour temperature	3000K/SDCM 3
Colour rendering	Ra \geq 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Passive Thermo Control
Angle of coverage	360° with 160° angle of aperture
Detection	if necessary, through glass, wood and stud walls
Reach	\varnothing 3–8 m max., continuously variable
Response brightness	2–2000 lx
Time setting	5 sec. - 15 min.
IP rating	IP20
Protection class	II
Material	UV-resistant plastic and plastic diffuser
Temperature range	-10 to 40°C
With lamp	STEINEL LED system



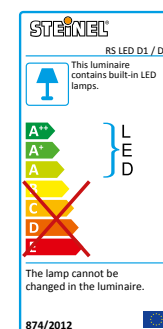
RS LED D1
chrome-plated
metal surround



RS LED D2
brushed stainless steel



To the product film



Including STEINEL
LED system



Ambient light



High-quality materials



RS LED A1

The classic light re-invented.

Now over 80% brighter for the same energy consumption.

You get up in the night and go into your bathroom. The high-frequency RS LED A1 SensorLight notices you enter the room and switches the light 'ON'. You go back to bed and the light turns itself 'OFF' again. Needless to say, the product can also be fitted in corridors, hallways and stairwells, harmonising with any architecture. The light is child's play to install and the settings on the product are easy to understand too. So you have sweet dreams.



LED
30 years
(Ø 4.5 h/day)

11w
510lm
46.4lm/W

3000K
warm-white

high frequency
sensor 360°

Ø 3–8 m

IP 44

2–2000 lux

5 sec–15 min

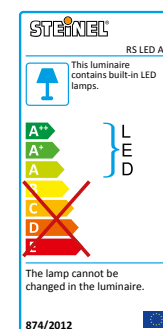
energy
saving

3 JAHRE
GARANTIE
functional
warranty

EAN RS LED A1	4007841 008178
Dimensions (h x w x d)	Ø275 x 95 mm
Power supply	220–240 V, 50/60 Hz
Sensor type	high frequency
Transmission power	approx. 1 mW
HF system	5.8 GHz
Output	11 W
Brightness	510 lm
Efficiency	46.4 lm/W
Colour temperature	3000K/SDCM 3
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Passive Thermo Control
Angle of coverage	360° with 160° angle of aperture
Detection	if necessary, through glass, wood and stud walls
Reach	Ø 3–8 m max., continuously variable
Response brightness	2–2000 lx
Time setting	5 sec. - 15 min.
IP rating	IP44
Protection class	II
Material	UV-resistant plastic and opal glass
Temperature range	- 10 to 40°C
With lamp	STEINEL LED system



To the product film



Including STEINEL LED system



Opal glass shade



Corridor and Stairwell Light

FRS 20 LED

Our talented all-rounder.

Slim and versatile.

In developing the FRS 20 LED service and utility room light, we set ourselves the target of producing a light that reliably does its job in all sorts of different applications. Product perfection for the garage, basement or boiler room. The SensorLight in impact-resistant material works regardless of temperature, reliably detecting any movement without frequency of operation affecting lamp life.



LED
30 years
(Ø 4.5 h/day)

12,5w
700lm
56lm/W

high frequency
sensor 360°

ø 1–5 m

IP54

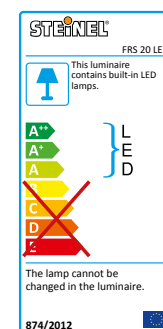
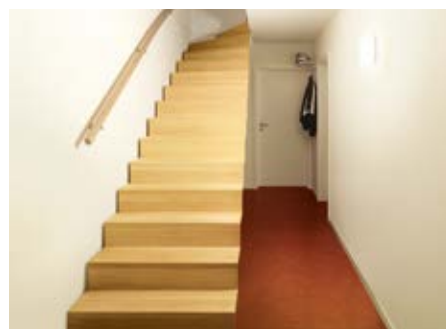
2–2000 lux

5sec – 15min

energy
saving

3 JAHRE
GARANTIE
functional
warranty

EAN FRS20 LED	4007841 747619
Dimensions (h x w x d)	195 x 300 x 53 mm
Power supply	220–240 V, 50/60 Hz
Sensor type	High-frequency
Transmitter power	approx. 1 mW
HF system	5.8 GHz
Output	12.5 W
Additional switching capacity at L:	
(resistive load, e.g. bathroom /WC extractor fan)	200 W max.
Brightness	700 lm
Efficiency	56 lm/W
Colour temperature	3000K/SDCM 3
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Passive Thermo Control
Angle of coverage	360° with 160° angle of aperture
Reach	1–5 m max., continuously variable
Response brightness	2 - 2000 lx
Time setting	5 sec. – 15 min.
IP rating	IP54
Protection class	II
Impact resistance	IK07
Material	UV-resistant plastic
Temperature range	-10 to +40°C
With lamp	STEINEL LED system



Including STEINEL LED system



Impact-resistant material rated to IK 07



UV-resistant plastic



TurnMeLight

Intelligent solution. Intuitive operation.

Whatever we develop: it is always with the aim of finding the most intelligent solution. For our high-end SensorLights in just the same way as for our simpler products. Our new TurnMeLight is the best proof. We asked ourselves what the perfect light needs to be like. Our answer: it should only shine at night, use as little electricity as possible, come in a modern, discreet design and provide pleasant light in an intensity that children can easily change. Using a very easy principle: unplug, turn through 180 degrees, plug back in again, done.

LED
long life LED
50,000 h

ON
automatic

OFF
automatic

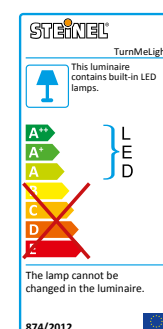
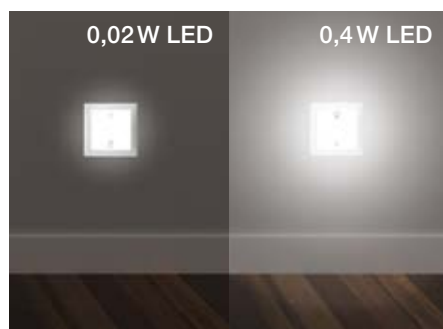
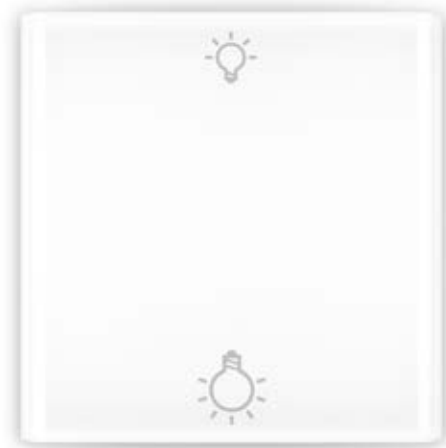
3000K
warm-white

indoor

5 lux

3 JAHRE
functional
warranty

EAN TurnMeLight	4007841 006501
Dimensions (h x w x d)	55.4 x 55.4 x 49.4 mm
Power supply	230 V, 50 Hz
Sensor type	photo-cell controller
Output	0.4 W
Colour temperature	3000K/SDCM 5
Colour rendering	Ra ≥ 80
LED life expectancy	50,000 h (L70B10 to LM80)
LED cooling system	Passive Thermo Control
Response brightness	5 lx
IP rating	IP20
Protection class	II
Material	UV-resistant plastic
Temperature range	0 to 40°C
With lamp	STEINEL LED system





RS 100 L

A great design coming home.

The RS 100 L indoor SensorLight brings pleasant, even light to your home. Its sleek, minimalist design makes it particularly suitable for corridors, hallway or stairwells and the hand-blown glass shade distributes light for illumination that's full of atmosphere. Involving no screws, the glass shade is held in place by a bayonet catch making bulb replacement a breeze. You simply replace the old bulb without the need for tools. By the way, you can mount the light either on the ceiling or on the wall, or do both.



max. 100W

E27



high frequency sensor 360°



Ø 1-8 m



IP 44



2-2000 lux



5 sec - 15 min

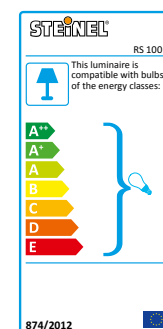


energy saving

3 JAHRE

functional warranty

EAN RS100L	4007841 730116
Dimensions (h x w x d)	Ø 310 x 125 mm
Power supply	230 - 240V/50Hz
Sensor type	high frequency
Transmission power	approx. 1mW
HF-system	5.8 GHz
Max. output	100 W / E 27
Additional switching capacity at L:	
(resistive load, e.g. bathroom / WC extractor fan)	800 W max.
Angle of coverage	360° with 160° angle of aperture
Detection	also through glass, wood and stud walls
Reach	Ø 1 - 8 m max., infinitely variable
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
IP rating	IP44
Protection class	II
Material	aluminium base and opal glass shade
Complete with lamp	no



Opal glass shade



Long-life aluminium enclosure



RS 16 L

Clean lines.

Full of expression.

With the RS 16 L, you'll be choosing our sensor-controlled gateway model for your home. Its sleek design makes it particularly suitable for corridors, hallway or stairwells and the hand-blown glass shade distributes light for illumination that's full of atmosphere. Involving no screws, the glass shade is held in place by a bayonet catch making bulb replacement a breeze. You simply replace the old bulb without the need for tools. By the way, you can mount the light either on the ceiling or on the wall, or do both.



max. 60W

E27



high frequency sensor 360°



ø 3-8 m



IP 44



2-2000 lux



5 sec - 15 min



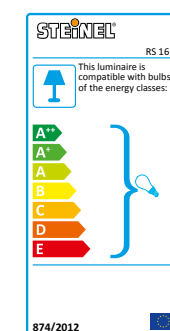
energy saving

3 JAHRE

functional warranty

EAN RS 16 L	4007841 738013
Dimensions (h x w x d)	Ø 275 x 95 mm
Power supply	230 - 240V/50Hz
Sensor type	high frequency
Transmission power	approx. 1mW
HF-system	5.8 GHz
Max. output	60 W / E 27
Capability of connecting additional loads	yes
Angle of coverage	360° with 160° angle of aperture
Detection	also through glass, wood and stud walls
Reach	Ø 3 - 8 m max., infinitely variable
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
IP rating	IP44
Protection class	II
Material	plastic base and opal glass shade
Complete with lamp	no

Suitable for incandescent lamps, low-energy lamps and LEDs



Opal glass shade



RS 10-3L

This one thinks for itself.

Fits perfectly – blends with any ambience.

The stair light's on. That's again somebody's forgotten to turn it off before leaving the front door. The electricity provider is rubbing its hands, but no one else is particularly enamoured. Wasting energy was yesterday. The RS 10-3 L sensor-controlled indoor light switches light 'ON' automatically and only ever when it's actually needed. Stylish looks and generous diameter make it a real highlight in stairwells, along corridors or in hallways. Intelligent lighting for a convenient life.



max. 75W

E27



high frequency sensor 360°



ø 1-8 m



IP 44



2-2000 lux



5 sec - 15 min

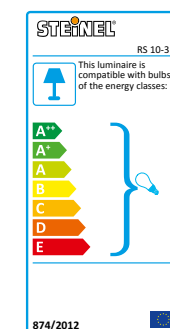


energy saving

3 JAHRE GARANTIE

functional warranty

EAN RS 10-3L white	4007841 731410
EAN RS 10-3L silver	4007841 735715
Dimensions (h x w x d)	Ø 360 x 110 mm
Power supply	230 - 240V/50Hz
Sensor type	high frequency
Transmission power	approx. 1mW
HF-system	5.8 GHz
Max. output	75 W / E 27
Additional switching capacity at L:	
(resistive load, e.g. bathroom / WC extractor fan)	800 W max.
Angle of coverage	360° with 160° angle of aperture
Detection	also through glass, wood and stud walls
Reach	Ø 1 - 8 m max., infinitely variable
Response brightness	2 - 2,000 lx
Time setting	5 sec. - 15 min.
IP rating	IP44
Protection class	II
Material	aluminium base and opal glass shade
Complete with lamp	no



Opal glass shade



Long-life aluminium enclosure





FRS 30

Garage and Basement Light FRS 30

**Practical in the basement.
Convenient in the garage.**

For the utility and service rooms in your home you need a light that leaves you wanting for nothing. This is why we have developed the FRS-30 high-frequency SensorLight. Its impact-resistant material makes it ideal for garages, corridors, basements and boiler rooms. The light works regardless of temperature, reliably detecting any movement without frequency of operation affecting lamp life. Needless to say, the lamp is included. So you don't need to ask any questions either.

max. 2x18w

2 x G13



high frequency
sensor 360°



Ø 1-8 m



IP65



2-2000 lux



1 min - 15 min

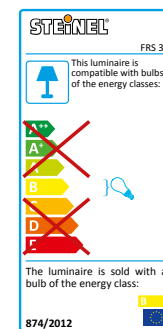
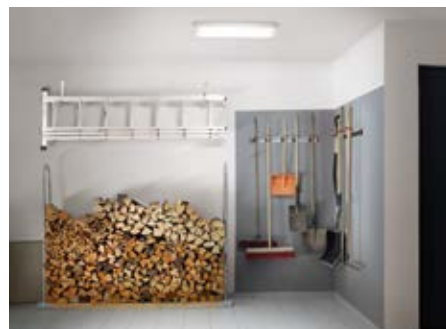


energy
saving

3 JAHRE
GARANTIE

functional
warranty

EAN FRS30	4007841 743413
Dimensions (h x w x d)	165 x 658 x 110 mm
Power supply	230 - 240V/50Hz
Sensor type	high frequency
Transmission power	approx. 1mW
HF-system	5.8 GHz
Output	includes 2 x 18 W / G13
Additional switching capacity at L:	
(resistive load, e.g. bathroom / WC extractor fan)	200 W max.
Angle of coverage	360° with 160° angle of aperture
Detection	also through glass, wood and stud walls
Reach	Ø 1 - 8 m max., infinitely variable
Response brightness	2 - 2,000 lx
Time setting	1 min. - 15 min.
IP rating	IP65
Protection class	I
Impact resistance	IK07
Material	UV-resistant plastic
Complete with lamp	yes



Including 2 x G13
fluorescent tubes

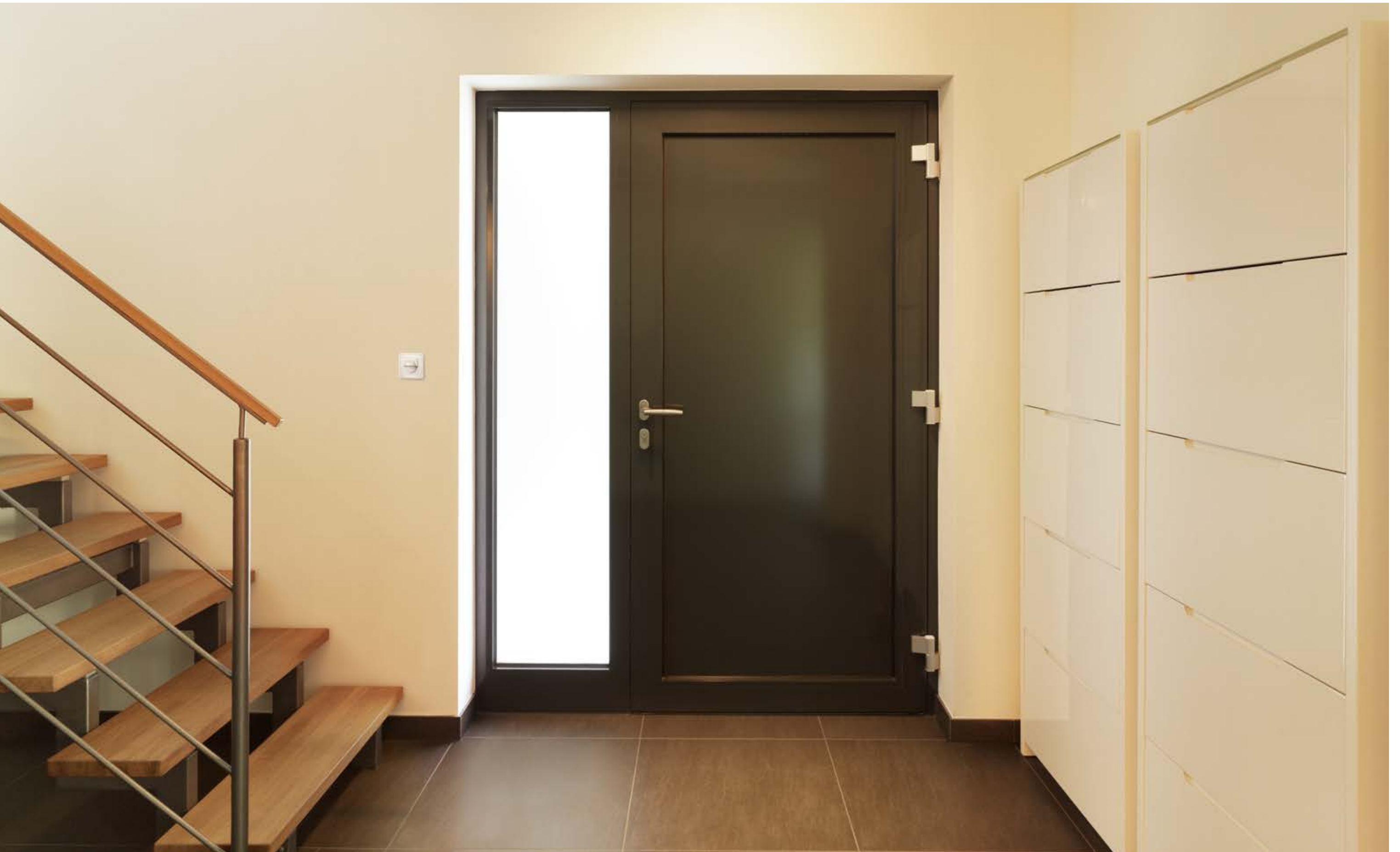


Impact-resistant
material rated to IK 07



UV-resistant plastic

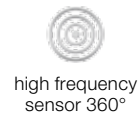




HF360UP/AP

Motion detector brimming with technology. Intelligent light switch.

On the way to the washing machine in the utility room, washing basket under arm, phone at ear. Reliably and conveniently, the HF 360 UP automatically switches the light 'ON' and 'OFF' again as soon as you leave the room. The intelligent switch is particularly good for corridors, stairwells, utilities and other service rooms. Using it to replace your conventional switches is as easy as putting icing to a cake.



EAN HF360UP	4007841 751111
EAN HF360AP	4007841 751210
Type	motion detector
Dimensions HF360UP (h x w x d)	81 x 81 x 55 mm
Dimensions HF360AP (h x w x d)	82 x 74 x 64 mm
Power supply	230-240 V, 50 Hz
3-conductor connection (L, L', N)	Can be connected in parallel
Sensor type	high frequency
Max. output (resistive load, e.g. ordinary lamp)	1,000 W
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	4 each max., C ≤ 88 μF
Angle of coverage	360° with 140° angle of aperture
Reach	1-8 m max., continuously variable
Reach mechanically adjustable	yes
Twilight setting	2-2,000 lx
Time setting	5 sec. - 30 min.
Manual override	selectable, 4 h
Light permanently OFF	selectable
LED indicator	yes, light permanently on, permanently off
IP rating for HF360AP	IP20
IP rating for HF360UP	IP54
Protection class	II
including faceplate	yes



Surface-mounting version



360°, 8m max.




IR 180 UP/AP

Hands full? Step into the light.

You come home from the supermarket and are get the shopping out of the car. Arms full, you take it into the pantry. Reliably, conveniently and without the need to touch it, the IR 180 UP automatically switches the light 'ON' and 'OFF' again as soon as you leave the room. The intelligent switch is particularly good for corridors, kitchens, guest WCs and other service rooms. Incidentally, installation couldn't be easier. Using it to replace your conventional switches is as easy as putting icing to a cake.



180°, 8m max.

EAN IR 180UP	4007841 750114	  
EAN IR 180AP	4007841 750213	
Type	motion detector	
Dimensions IR 180UP (h x w x d)	81x81x58mm	
Dimensions IR 180AP (h x w x d)	82x72x66mm	
Power supply	230 - 240V/50Hz	
3-conductor connection (L, L', N)	Can be connected in parallel	
Sensor type	passive infrared	
Where to use	indoors	
Mounting	concealed box	
Max. output (resistive load, e.g. ordinary lamp)	1,000 W	
Max. output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps)	500 W	
Max. output (electronic ballasts, capacitive, e.g. low-energy lamps)	4 each max., C ≤ 88 µF	
Angle of coverage	180° with 90° angle of aperture	
Reach	8 m max.	
Response brightness	2 - 2,000 lx	
Time setting	5 sec. - 30 min.	
Manual override	selectable, 4 hrs.	
Light permanently 'OFF'	selectable	
LED indicator	yes, light permanently 'ON', permanently 'OFF'	
IP rating IR180UP	IP20	
IP rating IR180AP	IP54	
Protection class	II	
including faceplate	yes	



Surface-mounting version

Sensor Technology at a Glance

1. Motion Detectors for Outdoors	22	5. SensorLights for Outdoors	64
2. Photo-Cell Controlled Lights for Outdoors	38	6. Sensor-Switched Floodlights for Outdoors	152
3. Lights with Photo-Cell Controller for Outdoors	42	7. SensorLights for Indoors	178
4. Solar Lights for Outdoors	52	8. Motion Detectors for Indoors	210

Visit our interactive 3D house at www.steinel.de



Sensor Technology at a Glance

Product	Page	Max. output	Additional switching capacity	Detection zone	Sensor reach	Impact resistance	Lampholder / lamp	Basic light level	Manual override	Soft light start	Mini-sensor
---------	------	-------------	-------------------------------	----------------	--------------	-------------------	-------------------	-------------------	-----------------	------------------	-------------

Motion Detectors for Outdoors

IS 180-2	22	1,000 W	-	180° with 90° angle of aperture	12 m max.	-	-	-	-	-	-
IS 140-2	24	1,000 W	-	140° with sneak-by guard	14 m max.	-	-	-	-	-	-
IS 130-2	26	600 W	-	130° with sneak-by guard	12 m max.	-	-	-	-	-	-
IS1	28	500 W	-	120°	10 m max.	-	-	-	-	-	-
IS NM 360	30	1,000 W	-	360° with sneak-by guard	8 m max. all round	-	-	-	4 h max.	-	Yes
IS 240 DUO	32	1,000 W	-	240° with 180° angle of aperture	12 m max.	-	-	-	-	-	-
IS 360 D TRIO	34	1,000 W	-	360° with 180° angle of aperture	12 m max.	-	-	-	-	-	-

Photo-Cell Controlled Lights for Outdoors

NightMatic 2000	38	1,000 W	-	-	-	-	-	-	-	-	-
NightMatic 3000 Vario	40	1,000 W	-	-	-	-	-	-	-	-	-
LN 1 LED	42	4.5 W	-	-	-	IK07	-	-	-	-	-
LED SensorLight	44	8.5 W	-	-	-	-	E27	-	-	-	-

Solar Lights for Outdoors

XSolar L-S	52	1.2 W	-	140°	8 m max.	-	LED system	Yes	-	-	-
XSolar GL-S	54	1.2 W	-	140°	5 m max.	-	LED system	Yes	-	-	-
XSolar L2-S	56	1.2 W	-	170°	9 m max.	-	LED system	Yes	-	-	-
XSolar LH-N	58	0.03 W max.	-	-	-	-	LED system	Yes	-	-	-

SensorLights for Outdoors

L800LEDIHF	66	10 W	-	160°	1–5 m max.	-	LED system	10%	4 h max.	Yes	-
L810LEDIHF	68	12.5 W	-	160°	1–5 m max.	-	LED system	10%	4 h max.	Yes	-
L820LEDIHF	70	12.5 W	-	160°	1–5 m max.	-	LED system	10%	4 h max.	Yes	-
L825LEDIHF	72	12 W	-	160°	1–7 m max.	-	LED system	10%	4 h max.	Yes	-
L900LED	76	7 W	-	180°	12 m max.	-	LED system	10%	4 h max.	Yes	-
L910LED	78	11 W	-	180°	12 m max.	-	LED system	10%	4 h max.	Yes	-
L610LED	80	8 W	-	180° with 90° angle of aperture	12 m max.	-	LED system	0–50%	4 h max.	Yes	-
L625LED	84	9 W	-	360° with sneak-by guard	8 m max. all round	-	LED system	25%	4 h max.	Yes	Yes
L626LED	86	8 W	-	360° with sneak-by guard	8 m max. all round	-	LED system	25%	4 h max.	Yes	Yes
L265LED	88	8.5 W	-	360° with sneak-by guard	8 m max. all round	-	LED system	-	4 h max.	-	Yes
L260LED	90	8.6 W	-	240° with 180° angle of aperture	12 m max.	-	LED system	-	4 h max.	Yes	-
GL60LED	94	8.6 W	-	360° with 20° angle of aperture	12 m max.	-	LED system	0–50%	4 h max.	Yes	-
L270S	96	2×40 W	-	360° with sneak-by guard	8 m max. all round	-	G9	25%	4 h max.	Yes	Yes
L271S	98	2×40 W	-	360° with sneak-by guard	8 m max. all round	-	G9	25%	4 h max.	Yes	Yes
L20	102	60 W	-	180°	10 m max.	IK07	E27	-	-	-	-
L330S	104	60 W	300 W	360° with sneak-by guard	8 m max. all round	-	E27	-	switchable, all night or half the night	-	Yes
L331S	104	60 W	300 W	360° with sneak-by guard	8 m max. all round	-	E27	-	switchable, all night or half the night	-	Yes
L11	106	60 W	-	180°	10 m max.	-	E27	-	-	-	-
L12	108	60 W	-	180°	10 m max.	-	E27	-	-	-	-
L860S	112	100 W	-	180° with 90° angle of aperture	12 m max.	-	E27	0–50%	4 h max.	Yes	-
L867S	114	100 W	-	180° with 90° angle of aperture	12 m max.	-	E27	0–50%	4 h max.	Yes	-

Product	Page	Max. output	Additional switching capacity	Detection zone	Sensor reach	Impact resistance	Lampholder / lamp	Basic light level	Manual override	Soft light start	Mini-sensor
---------	------	-------------	-------------------------------	----------------	--------------	-------------------	-------------------	-------------------	-----------------	------------------	-------------

SensorLights for Outdoors

L170S	116	100 W	-	180° with 90° angle of aperture	12 m max.	-	E27	0–50%	4 h max.	Yes	-
L560S	122	60 W	-	140° hor. with sneak-by guard	12 m max.	-	E27	-	-	-	-
L562S	124	60 W	-	140° hor. with sneak-by guard	12 m max.	-	E27	-	-	-	-
L115S	128	60 W	-	240° with 120° angle of aperture	12 m max.	-	E27	0–50%	-	-	-
L585S	130	60 W	-	180° with sneak-by guard	12 m max.	-	E27	-	-	-	-
L190S	132	100 W	-	180° with 90° angle of aperture	12 m max.	-	E27	0–50%	4 h max.	Yes	-
L15	134	60 W	-	180°	10 m max.	-	E27	-	-	-	-
GL16S	136	100 W	-	180° with sneak-by guard	12 m max.	-	E27	-	-	-	-
L1	140	60 W	-	180°	10 m max.	IK07	E27	-	-	-	-
DL850S	142	2×9 W	-	360° with 160° angle of aperture	7 m max. all round	IK07	2G7	-	-	-	-
DL750S	144	100 W	-	360° with 180° angle of aperture	12 m max. all round	-	E27	0–50%	4 h max.	Yes	-

Sensor-Switched Floodlights for Outdoors

XLED home 3	152	18 W	800 W	140° with sneak-by guard	14 m max.	-	LED system	-	-	-	-
XLED home 3 SL	154	18 W	-	-	-	-	LED system	-	-	-	-
XLED home 1	156	12 W	800 W	140° with sneak-by guard	14 m max.	-	LED system	-	-	-	-
XLED home 1 SL	158	12 W	-	-	-	-	LED system	-	-	-	-
HS 150 DUO	162	150 W	800 W	240° with 180° angle of aperture	12 m max.	-	R7s	-	-	-	-
H 150	164	150 W	-	-	-	-	R7s	-	-	-	-
HS 300 DUO	168	300 W	-	240° with 180° angle of aperture	12 m max.	-	R7s	-	-	-	-
HS 500 DUO	170	500 W	-	240° with 180° angle of aperture	20 m max.	-	R7s	-	-	-	-
HS 5140	172	500 W	-	140° with sneak-by guard	12 m max.	-	R7s	-	-	-	-

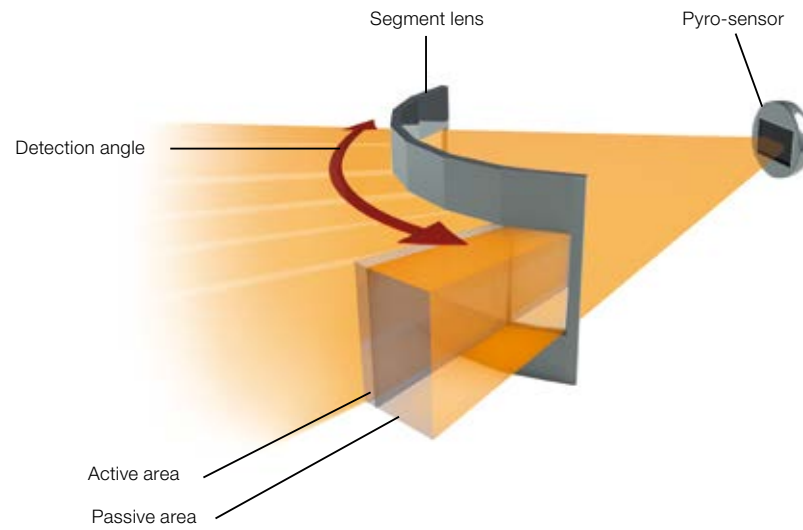
SensorLights for Indoors

RSLEDD1	182	11 W	-	360° with 160° angle of aperture	Ø 3–8 m max.	-	LED system	-	-	-	-
RSLEDD2	182	11 W	-	360° with 160° angle of aperture	Ø 3–8 m max.	-	LED system	-	-	-	-
RSLEDA1	184	11 W	-	360° with 160° angle of aperture	Ø 3–8 m max.	-	LED system	-	-	-	-
FRS20 LED	186	12.5 W	-	360° with 160° angle of aperture	Ø 1–5 m max.	IK07	LED system	-	-	-	-
TurnMeLight	188	0.4 W	-	-	-	-	LED system	-	-	-	-
RS 100 L	192	100 W	800 W	360° with 160° angle of aperture	Ø 1–8 m max.	-	E27	-	-	-	-
RS 16 L	194	60 W	-	360° with 160° angle of aperture	Ø 3–8 m max.	-	E27	-	-	-	-
RS 10-3L	196	75 W	800 W	360° with 160° angle of aperture	Ø 1–8 m max.	-	E27	-	-	-	-
FRS30	200	2×18 W	200 W	360° with 160° angle of aperture	Ø 1–8 m max.	IK07	G13	-	-	-	-

Motion Detectors for Indoors

HF 360 UP	204	1,000 W	-	360° with 140° angle of aperture	max. 1–8 m	-	-	-	4 h max.	-	-
HF 360 AP	204	1,000 W	-	360° with 140° angle of aperture	max. 1–8 m	-	-	-	4 h max.	-	-
IR 180 UP	206	1,000 W	-	180° with 90° angle of aperture	8 m max.	-	-	-	4 h max.	-	-
IR 180 AP	206	1,000 W	-	180° with 90° angle of aperture	8 m max.	-	-	-	4 h max.	-	-

Sensor technology: Infrared (IR)



Heat radiated from the human body

A person's body heat gives off infrared radiation. Infrared sensor technology uses this radiation to identify movements and respond to them accordingly.

How does it work:

The heart of infrared sensor technology is what's known as a pyro sensor. This electronic module responds to a change in infrared heat radiated inside its detection zone, i.e. when anyone enters the areas it is watching over. The system converts the resultant surge in voltage into an electronic pulse that activates the light.

Segment lenses



Fresnel lenses are made up of many single lenses arranged in a circular segment. They have a maximum angle of coverage of 180°. An additional "window" also watches over the area below the main detection zone, making it virtually impossible to creep past underneath the sensors without being detected.



To look at, STEINEL multi-lenses are reminiscent of a house fly's compound eye and watch over every inch of space with their semi-spherical detection zone. STEINEL's multi-lens technology provides the best possible optics for motion detectors with double or triple-sensor system covering angles of 180° to 360°.



The STEINEL mini-sensor is small, unobtrusive and easy to remove. Function programs geared to practical needs can be set from above.

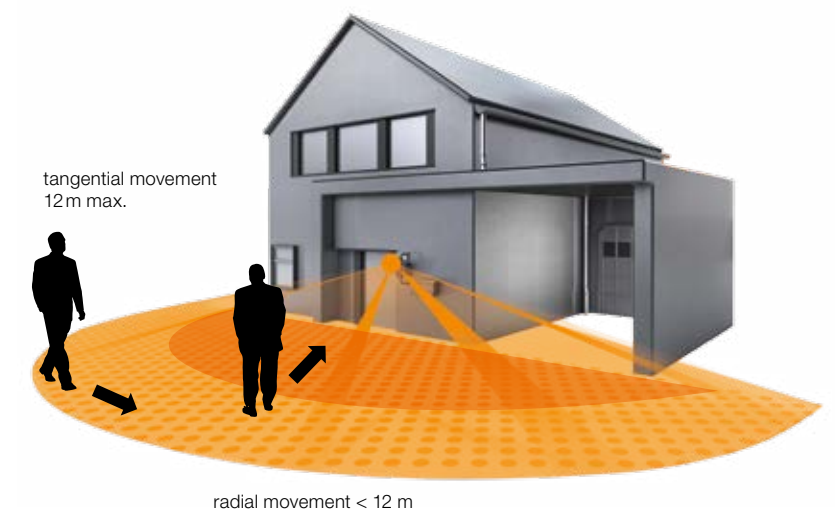


Application - Indoors and Outdoors



Reach

Tangential and radial reach
STEINEL infrared sensors come with a reach that is determined by the direction of movement. Average reach is approx. 12 m for tangential movements (parallel to the sensor). This is shorter for radial movements (towards the sensor).



Basic settings



Adjustment range

STEINEL sensors with a coverage angle of less than 360° are equipped with lenses that can be tilted and turned for exact adjustment to the situation at the point of installation.



Shrouds

All sensors come with shrouds that can be cut to size for limiting detection zones in any chosen way (e.g. next to neighbouring property / roads).



Twilight setting

A control dial can be used for infinitely varying brightness threshold from 2 lux (night) to 2000 lux (day). This prevents light from coming 'ON' unnecessarily during the day.

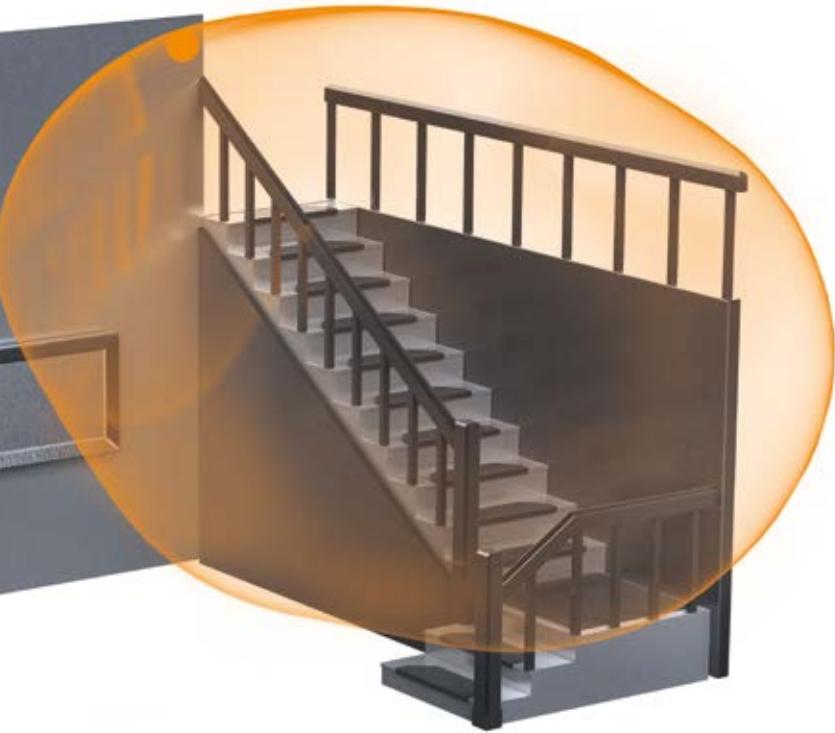


Time setting

Adjustable to any period from 5 seconds to 15 minutes to suit specific needs. After detecting movement, the light stays 'ON' for the period selected.

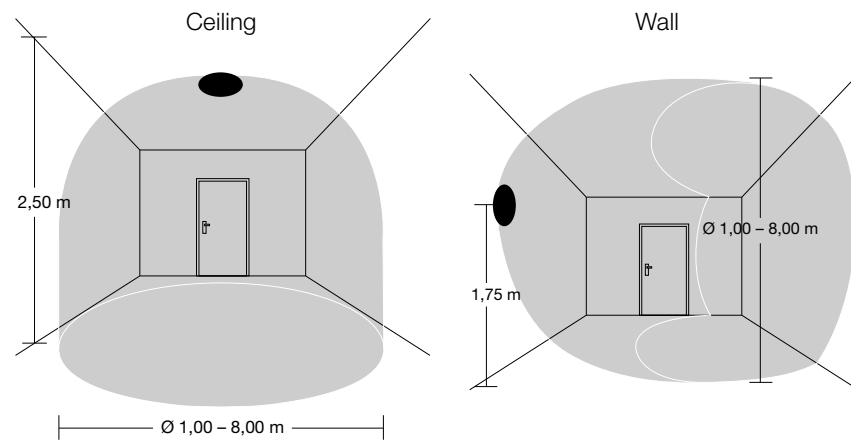
Sensor technology: High-frequency (HF)

The high-tech sensors emit signals at a frequency of 5.8 GHz (one thousandth of a mobile phone's) that can even pass through glass and stud walls completely unhindered. These signals echo off the surroundings and return to the sensor. If a movement in the detection zone changes the echo pattern, the sensor responds and switches the light 'ON' in fractions of a second.



STEINEL high-frequency sensors detect movements irrespectively of body temperature and direction of movement. They provide complete coverage and switch light 'ON' instantly. Integrated into the light to leave them invisible from the outside, lights can be created in particularly attractive designs, especially for indoors.

STEINEL high-frequency SensorLights detect even the tiniest movement through 360° and at a distance of up to 8m. The reach setting can be infinitely varied and reduced down to 1 m. So that light only comes 'ON' when it's needed, the ambient light-level setting can also be infinitely varied at which you want the SensorLight to be activated. While it's still light, at dusk or when it gets dark. The light switches 'OFF' automatically after any selectable period (e.g. 5 sec. - 15 min.).



Application - Indoors



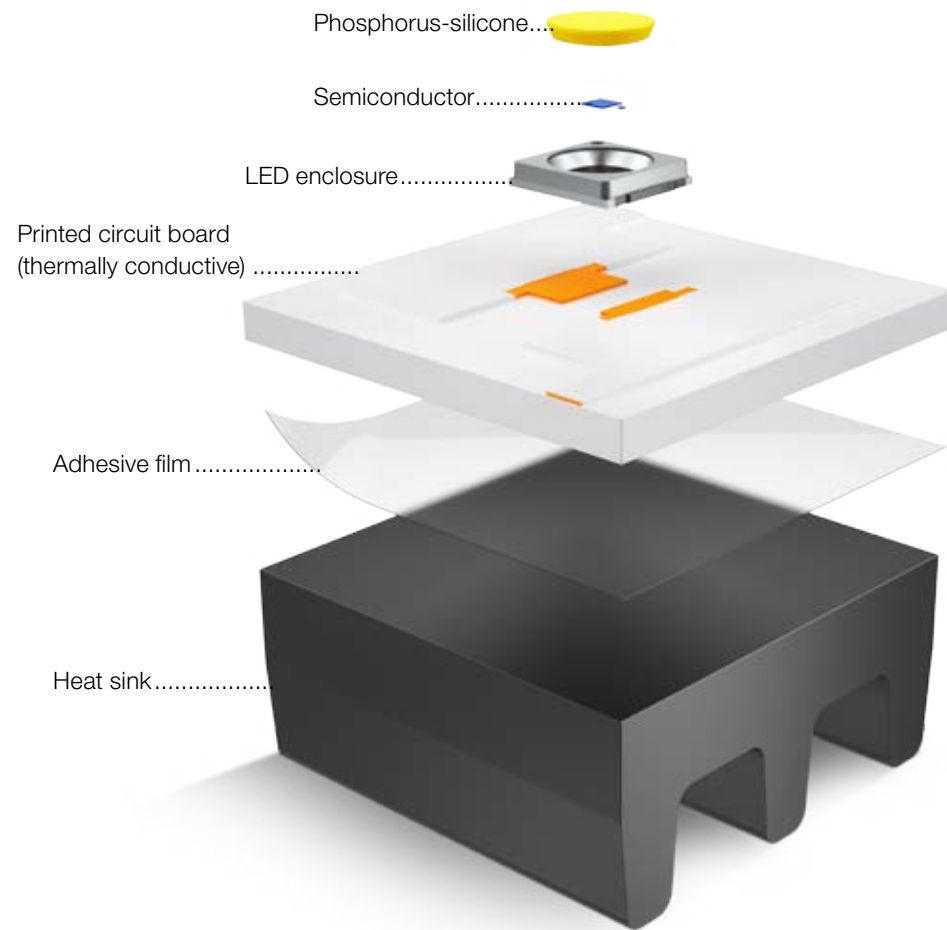
Sensor Technology: Intelligent high-frequency technology (iHF) now for the first time in outdoors lights too

The iHF range impresses with a world first. For the first time, it has been possible to make the sensor in outdoor lights completely invisible. High-frequency sensor technology ensures that persons are detected with perfect precision.



For the first time ever, disturbances such as wind, leaves, rain, snow and the like are now masked out. That's a world first!

LED – the light of the future



Maximise savings. No need to change a bulb ever again.
This is where economics and ecology go hand in hand.

Brighter

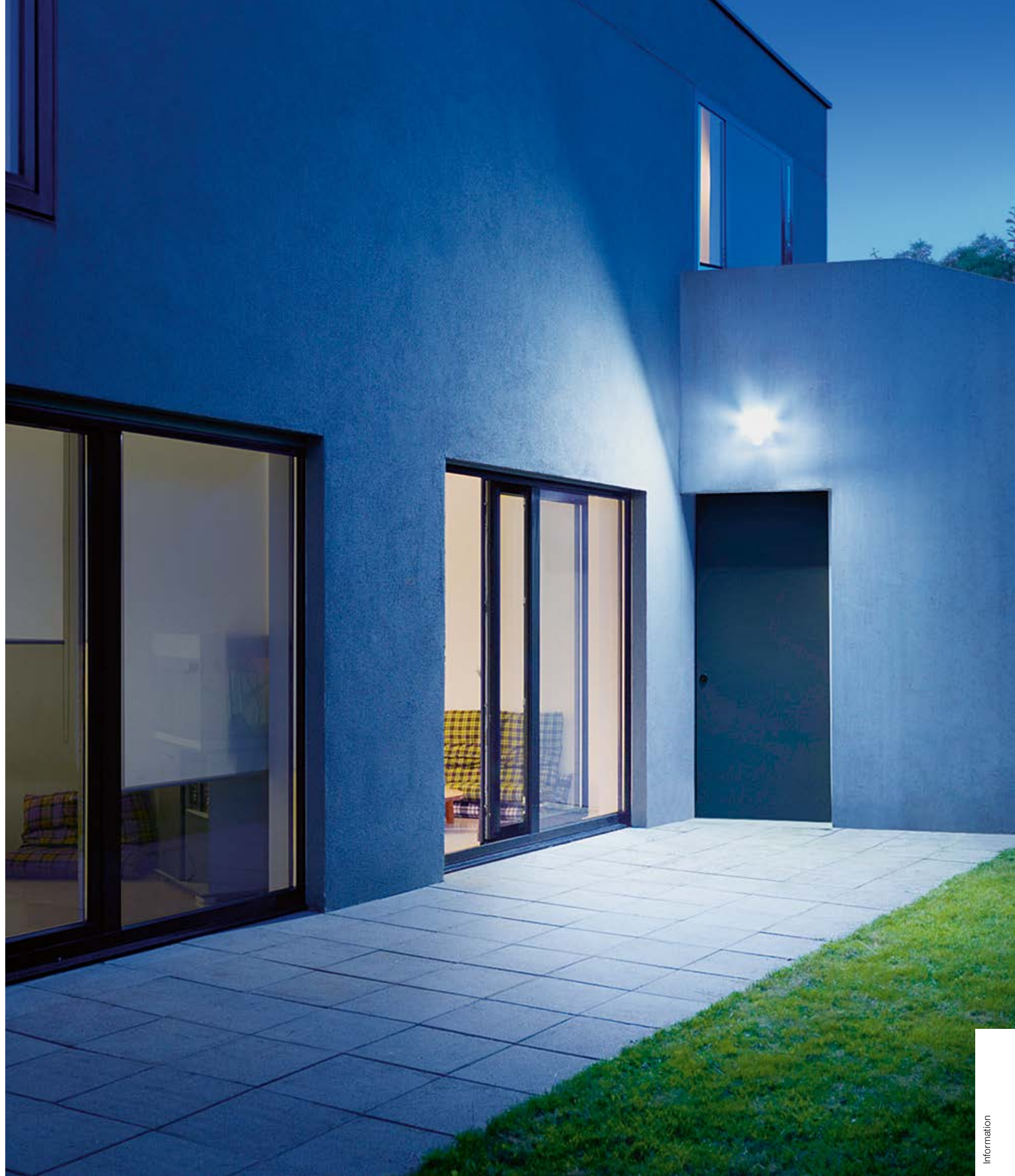
LEDs are far brighter than other lamps - and use less energy.

Cooler

STEINEL has developed a unique cooling system to protect LEDs from overheating. This means they can reach a genuine life expectancy of 30 years and more.

Smarter

STEINEL's precision sensor technology makes sure that light is only switched on when it's actually needed. Combined with cutting-edge LED lighting, this reduces energy consumption by as much as 90%.

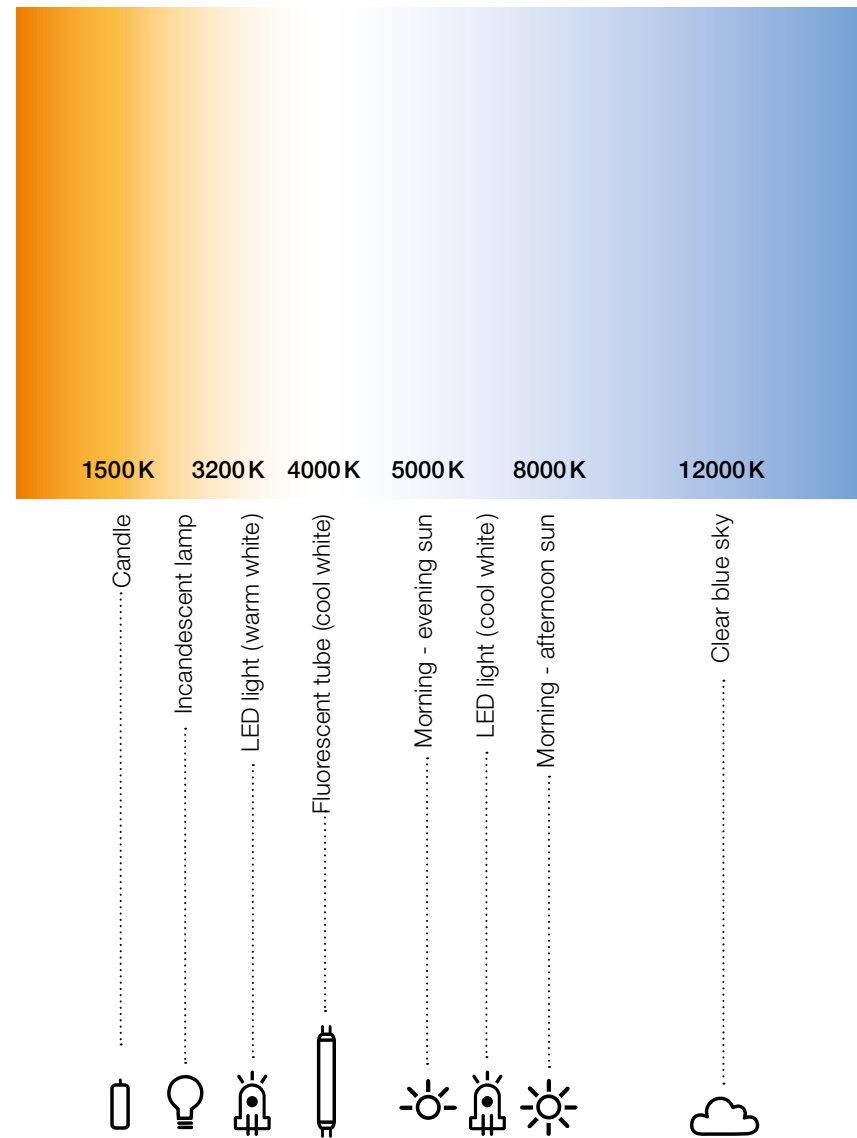


All About Lighting

Bright brains choose the right lamp once they're familiar with a few lighting terms.

Light colour: Colour temperature, also known as light colour, is specified in kelvins (K) and describes whether white light tends to be more yellowy warm or bluish cool. Warm-white light is like late daylight, it looks welcoming and relaxing. Neutral white light has an activating effect, daylight white improves concentration. Colour temperatures up to 3500 K are referred to as warm white, over 3500 K as cool white.

Light colour in kelvin



Electrical output in watts (W) and lumens (lm)

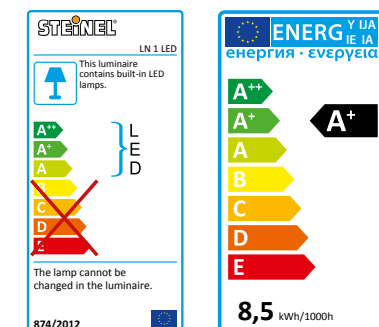
Lumen: (lm) is the unit of luminous flux, being the total amount of light given off by a lamp radiating in all directions. Lumens show what brightness to expect far more clearly than wattage (W).

Comparison watts (W) with lumens (lm)

Incandescent lamp	24 W	40 W	60 W	75 W		
Halogen lamp	18 W	28 W	42 W	53 W		
Lumen (lm) = brightness	150 lm	300 lm	450 lm	600 lm	750 lm	900 lm
Low-energy lamp	6-7 W	8-9 W	13-14 W	15-18 W		
LED	2 W	4 W	6 W	8 W		

Values without light shade or diffuser

Energy-efficiency class: Energy efficiency is calculated from light output (luminous flux, measured in lumens) for power consumed in watts. A denotes a very high, G a very low level of energy efficiency.



Meaning of Symbols.

The key features of our products are indicated in the form of symbols. These are shown on catalog and web product pages as well as on packaging.

Sensor system



Detection zone

Indicates the angle at which the sensor detects movements.



Reach

Maximum distance at which it is possible to detect movements traversing the sensor.



Photo-cell controller

Automatically switches light 'ON' at night and 'OFF' again in the morning.

Installation



Mounting height

Observing the ideal installation height guarantees optimum sensor operation.



Indoors / outdoors

Light / sensor suitable for use indoors or outdoors.



Corner wall mount

Including corner bracket for attaching to building corners.

Operation



Floodlight turns

Indicates the floodlight's swivelling range.



Sensor swivel options

Indicates the sensor's swivel adjustment range.



Twilight setting

The sensor is activated when ambient light falls below the selected light level threshold.



Time setting

Selectable time for which the light stays 'ON' after detecting a movement.



Manually operated

Light / load can be switched to stay on and off directly on the sensor for up to 4 hours.



Interconnectable

Optimum adjustment to situation by interconnecting several lights / sensors by hard wire.

Light / LED

100w

Output

For lights: the lamp's max. light output. For sensors: max. resistive switching load.

LED

LED lighting system

This light is equipped with a STEINEL LED lighting system.



Colour temperature

Unit: Kelvin. Shows whether the light is warm white (yellowish) or cool white (bluish).



Uplight/downlight

Light shines up and down or down only.



Orientation light

SensorSwitch with integrated LED.



Manual override

Can be operated from a connected light switch. 4 hours maximum.

Material

IP44

Weatherproof

Splashproof. Suitable for outdoor use.

IP44

Suitable for rooms exposed to moisture

For use in bathrooms, laundry rooms, swimming pools.

IP54

Dust-proof and splashproof

No harmful dust deposits. Splashproof in all directions.

IP65

Dust-proof and impervious to water spray

Completely dust-proof. Protection against moderately powerful water jets.

ALU

Light enclosure material

Shows which material the light's enclosure is made of.

GLAS

Shade / diffuser material

Shows which material the light's shade or diffuser is made of.

Quality promise

3 JAHRE GARANTIE

Functional warranty

Valid from the date of purchase. No quibbles.



In-house development

All STEINEL products are developed in Germany or Switzerland and manufactured in Europe.



Energy-saving

Light only when it's really needed.



STEINEL Brand

- STEINEL has been specialising in sensor technology for over 25 years
- German engineering
- Produced in Europe



STEINEL Warranty

Everything we sell is not only developed in-house, but made by us too. And only in Europe. We also check every STEINEL product for perfect working order before it leaves the factory. This way, we can guarantee the origin, perfect quality and long life of every product we deliver. With this in mind, we send out a signal that's seen nowhere else in the industry: a 3-year functional warranty on all products from STEINEL.



Certified Quality

For us, it goes without saying that all products from STEINEL comply with European safety standards. Despite involving a huge effort and not always easy from a technical point of view, we're never deterred. Because it's all worth it. So you get certified quality – every step of the way.



Needless to say, our management system holds certification under Quality Standard DIN EN ISO 9001 and Environmental Management Systems Standard DIN EN ISO 14001



STEINEL Customer Service

- Phone: +49 (0)5245 448 188
- E-mail: service@steinel.de
- Monday – Friday 8 a.m. – 5 p.m.



www.steinel.de

- Product overview
- Operating instructions available to download
- Product videos



STEINEL Replacement Parts Service

- Availability Guarantee for genuine STEINEL parts
- Can be purchased directly from STEINEL customer service



STEINEL Academy

- our own Training Centre in Herzebrock is available to you and our mutual customers
- Phone: +49 (0)5245 448 0
- E-mail: academy@steinel.de



STEINEL on site

- Our own field staff are your direct contacts
- Individually tailored POS modules boost awareness and sales

Simply Consumer-Friendly.
Our Packaging.



A powerful brand powerfully packaged.

The new STEINEL product boxes get straight to the point, both informatively and emotionally. Consumers see the light the moment they set eyes on a product: The front of the packaging presents the product and purchase-clinching features in a modern, eye-catching look. Images illustrating usage on the side panels and surface give the particular STEINEL product an authentic feel of what it's like to own and use it. The rear panel shows the main technical attributes in the form of self-explanatory pictograms and 3D illustrations. In short: In their new packagings, STEINEL products speak for themselves. Doing so in 26 languages.

From Germany right across the globe – STEINEL is at home in the world. We speak to our mutual customers in 26 languages.





STEINEL brand displays with cleverly designed shelf presentation systems make consumers see the light and get things moving.

High-quality sample presentations and a wealth of sales boosting details are the marks that identify the new brand appearance.

Intelligent lighting effectively displayed.



The new and exciting XSolar range displayed on 1 x 1.25 m



Indoor and outdoor lights including overhead sample products on 5 x 1.25 m

Enlightenment at first glance. Shelf display for STEINEL SensorLights and motion detector for outdoors.

Everything in view and at arm's reach. The sample display invites consumers to take a look and stand in amazement. This makes prospective purchasers quite literally "grasp" first-class product quality.

Using selected product groups to address the emotions provides valuable inspiration.

Collating individual product groups to create well-structured, theme-based placements with images that speak to the emotions grabs attention and generates impulsive buying.

STEINEL secondary placements.



60x40x197 cm



Slim-line, flexible, sales-boosting.

A practical pallet system for any situation – ideal for product launches, sales promotions or selling off surplus stock. With the easy-fit top-mounted labels, these pallets can be individualised to suit any occasion in no time at all. Nothing is lost of the consistent and aesthetically pleasing look of STEINEL brand displays.

From the EAN (barcode) to the product









EAN	Product	Page	EAN	Product	Page
EAN 4007841 002688	XLED home 1 silver	157	EAN 4007841 617813	L 15 black	135
EAN 4007841 002695	XLED home 1 White	157	EAN 4007841 617912	L 15 white	135
EAN 4007841 003661	XLED home 1 black	157	EAN 4007841 631215	H 150 white	165
EAN 4007841 003746	L 625 LED	85	EAN 4007841 631314	H 150 black	165
EAN 4007841 003753	L 626 LED	87	EAN 4007841 633011	HS 150 DUO black	163
EAN 4007841 004026	L 610 LED	81	EAN 4007841 633110	HS 150 DUO white	163
EAN 4007841 005535	L 585 S black	131	EAN 4007841 633219	HS 300 DUO black	169
EAN 4007841 005917	L 585 S white	131	EAN 4007841 633318	HS 300 DUO white	169
EAN 4007841 006501	TurnMeLight	189	EAN 4007841 633417	HS 500 DUO black	171
EAN 4007841 006570	L 910 LED white	79	EAN 4007841 633516	HS 500 DUO white	171
EAN 4007841 006587	L 900 LED white	77	EAN 4007841 634216	L 560 S black	123
EAN 4007841 006877	XLED home 3 SL white	155	EAN 4007841 634315	L 560 S white	123
EAN 4007841 006884	XLED home 3 SL black	155	EAN 4007841 634612	L 562 S	125
EAN 4007841 006891	XLED home 3 SL silver	155	EAN 4007841 642112	L 860 S	113
EAN 4007841 007089	XSolar L2-S silver	57	EAN 4007841 642518	L 867 S	115
EAN 4007841 007096	XSolar L2-S white	57	EAN 4007841 644413	L 190 S black	133
EAN 4007841 007140	XSolar LH-N stainless steel	59	EAN 4007841 644512	L 190 S white	133
EAN 4007841 007157	XSolar LH-N silver	59	EAN 4007841 645311	L 170 S	117
EAN 4007841 007164	L 825 LED iHF downlight anthracite	73	EAN 4007841 646318	HS 150 DUO platinum	163
EAN 4007841 007171	L 825 LED iHF downlight silver	73	EAN 4007841 647810	L 270 S	97
EAN 4007841 007393	L 825 LED iHF downlight white	73	EAN 4007841 647919	L 271 S	99
EAN 4007841 007874	L 260 LED	91	EAN 4007841 649715	LN1 LED	43
EAN 4007841 007881	GL 60 LED	95	EAN 4007841 650315	DL 750 S white	145
EAN 4007841 007898	L 265 LED	89	EAN 4007841 650414	DL 750 S impact-resistant, white	145
EAN 4007841 007911	RS LED D1	185	EAN 4007841 650513	L 1 white	141
EAN 4007841 007928	RS LED D2	185	EAN 4007841 650612	L 1 black	141
EAN 4007841 008178	RS LED A1	187	EAN 4007841 657413	L 115 S white	129
EAN 4007841 008215	LED SensorLight	45	EAN 4007841 657512	L 115 S silver	129
EAN 4007841 550318	NightMatic 2000 black	39	EAN 4007841 657710	L 11	107
EAN 4007841 550417	NightMatic 2000 white	39	EAN 4007841 657918	L 12	109
EAN 4007841 550516	NightMatic 3000 Vario black	41	EAN 4007841 659714	XLED home 1 SL silver	159
EAN 4007841 550615	NightMatic 3000 Vario white	41	EAN 4007841 659813	XLED home 1 SL white	159
EAN 4007841 566814	L 20	103	EAN 4007841 659912	XLED home 1 SL black	159
EAN 4007841 575212	HS 5140 black	173	EAN 4007841 660116	IS 130-2 silver	27
EAN 4007841 576202	L 910 LED anthracite	79	EAN 4007841 660215	IS 130-2 black	27
EAN 4007841 576219	L 910 LED silver	79	EAN 4007841 660314	IS 130-2 white	27
EAN 4007841 576301	L 900 LED anthracite	77	EAN 4007841 670115	L 330 S white	105
EAN 4007841 576318	L 900 LED silver	77	EAN 4007841 670214	L 330 S silver	105
EAN 4007841 577919	HS 5140 white	173	EAN 4007841 670313	L 331 S white	105
EAN 4007841 582111	XLED home 3 black	153	EAN 4007841 670412	L 331 S silver	105
EAN 4007841 582210	XLED home 3 white	153	EAN 4007841 671006	XSolar L-S white	53
EAN 4007841 582319	XLED home 3 silver	153	EAN 4007841 671013	XSolar L-S silver	53
EAN 4007841 600310	IS 1 white	29	EAN 4007841 671204	XSolar GL-S white	55
EAN 4007841 600419	IS 1 black	29	EAN 4007841 671211	XSolar GL-S silver	55
EAN 4007841 602512	IS 360 D TRIO black	35	EAN 4007841 671310	L 810 LED iHF uplight/downlight	69
EAN 4007841 602611	IS 360 D TRIO white	35	EAN 4007841 671327	L 820 LED iHF uplight/downlight	71
EAN 4007841 602710	IS 240 DUO black	33	EAN 4007841 671419	L 800 LED iHF downlight	67
EAN 4007841 602819	IS 240 DUO white	33	EAN 4007841 730116	RS 100 L	193
EAN 4007841 603113	IS 180-2 black	23	EAN 4007841 731410	RS 10-3 L white	197
EAN 4007841 603212	IS 180-2 white	23	EAN 4007841 738013	RS 16 L	195
EAN 4007841 603618	IS 180-2 silver	23	EAN 4007841 743413	FRS 30	201
EAN 4007841 608811	IS 140-2 black	25	EAN 4007841 747619	FRS 20 LED	187
EAN 4007841 608910	IS 140-2 white	25	EAN 4007841 750114	IR 180 UP	207
EAN 4007841 609214	IS NM 360 black	31	EAN 4007841 750213	IR 180 AP	207
EAN 4007841 609313	IS NM 360 white	31	EAN 4007841 751111	HF 360 UP	205
EAN 4007841 617011	GL 16 S black	137	EAN 4007841 751210	HF 360 AP	205
EAN 4007841 617110	GL 16 S white	137	EAN 4007841 760113	DL 850 S	143

EAN (Barcode) Overview









Motion Detectors for Outdoors

IS 180-2 white  4 007841 603212	IS 180-2 silver  4 007841 603618	IS 180-2 black  4 007841 603113	IS 140-2 white  4 007841 608910
IS 140-2 black  4 007841 608811	IS 130-2 white  4 007841 660314	IS 130-2 silver  4 007841 660116	IS 130-2 black  4 007841 660215
IS1 white  4 007841 600310	IS1 black  4 007841 600419	ISNM 360 white  4 007841 609313	ISNM 360 black  4 007841 609214
IS240 DUO white  4 007841 602819	IS240 DUO black  4 007841 602710	IS360 D TRIO white  4 007841 602611	IS360 D TRIO black  4 007841 602512

Photo-Cell Controlled Lights for Outdoors

NightMatic 2000 white  4 007841 550417	NightMatic 2000 black  4 007841 550318	NightMatic 3000 Vario white  4 007841 550615	NightMatic 3000 Vario black  4 007841 550516
LN 1 LED  4 007841 649715	SensorLight LED  4 007841 008215		

Solar Lights for Outdoors

XSolar L-S white  4 007841 671006	XSolar L-S silver  4 007841 671013	XSolar GL-S white  4 007841 671204	XSolar GL-S silver  4 007841 671211
XSolar L2-S white  4 007841 007096	XSolar L2-S silver  4 007841 007089	XSolar LH-N silver  4 007841 007157	XSolar LH-N stainless steel  4 007841 007140

SensorLights for Outdoors

L 800 LED iHF  4 007841 671419	L 810 LED iHF  4 007841 671310	L 820 LED iHF  4 007841 671327	L 825 LED iHF white  4 007841 007393
L 825 LED iHF silver  4 007841 007171	L 825 LED iHF anthracite  4 007841 007164	L 900 LED white  4 007841 006587	L 900 LED silver  4 007841 576318
L 900 LED anthracite  4 007841 576301	L 910 LED white  4 007841 006570	L 910 LED silver  4 007841 576219	L 910 LED anthracite  4 007841 576202
L 610 LED  4 007841 004026	L 625 LED  4 007841 003746	L 626 LED  4 007841 003753	L 265 LED  4 007841 007898
L 260 LED  4 007841 007874	GL 60 LED  4 007841 007881	L 270 S  4 007841 647810	L 271 S  4 007841 647919
L 20  4 007841 566814	L 330 S white  4 007841 670115	L 330 S silver  4 007841 670214	L 331 S white  4 007841 670313
L 331 S silver  4 007841 670412	L 11  4 007841 657710	L 12  4 007841 657918	L 860 S  4 007841 642112
L 867 S  4 007841 642518	L 170 S  4 007841 645311	L 560 S white  4 007841 634315	L 560 S black  4 007841 634216
L 562 S  4 007841 634612	L 115 S white  4 007841 657413	L 115 S silver  4 007841 657512	L 585 S white  4 007841 005917

EAN (Barcode) Overview

SensorLights for Outdoors

L 585 S black  4 007841 005535	L 190 S white  4 007841 644512	L 190 S black  4 007841 644413	L 15 white  4 007841 617912
L 15 black  4 007841 617813	GL 16 S white  4 007841 617110	GL 16 S black  4 007841 617011	L 1 white  4 007841 650513
L 1 black  4 007841 650612	DL 850 S  4 007841 760113	DL 750 S  4 007841 650315	DL 750 S impact-resistant  4 007841 650414










Sensor-Switched Floodlights for Outdoors

XLED home3 white  4 007841 582210	XLED home3 silver  4 007841 582319	XLED home3 black  4 007841 582111	XLED home3 SL white  4 007841 006877
XLED home3 SL silver  4 007841 006891	XLED home3 SL black  4 007841 006884	XLED home1 white  4 007841 002695	XLED home1 silver  4 007841 002688
XLED home1 black  4 007841 003661	XLED home1 SL white  4 007841 659813	XLED home1 SL silver  4 007841 659714	XLED home1 SL black  4 007841 659912
HS 150 DUO white  4 007841 633110	HS 150 DUO platinum  4 007841 646318	HS 150 DUO black  4 007841 633011	H 150 white  4 007841 631215
H 150 black  4 007841 631314	HS 300 DUO white  4 007841 633318	HS 300 DUO black  4 007841 633219	HS 500 DUO white  4 007841 633516

Sensor-Switched Floodlights for Outdoors

HS 500 DUO black  4 007841 633417	HS 5140 white  4 007841 577919	HS 5140 black  4 007841 575212
---	--	--

SensorLights for Indoors

RS LED D1  4 007841 007911	RS LED D2  4 007841 007928	RS LED A1  4 007841 008178	FRS 20 LED  4 007841 747619
TurnMeLight  4 007841 006501	RS 100 L  4 007841 730116	RS 16 L  4 007841 738013	RS 10-3 L white  4 007841 731410
FRS 30  4 007841 743413			

Motion Detectors for Indoors

HF 360 UP  4 007841 751111	HF 360 AP  4 007841 751210	IR 180 UP  4 007841 750114	IR 180 AP  4 007841 750213
---	---	---	---

IP Ratings

IP protection rating

The IP rating classifies the level of protection provided by enclosures and covers used for protecting electrical equipment.

The IP rating is defined under IEC 529, EN 60529, DIN VDE 0470-1 and NF C 20-010.

The protection ratings are defined by the letters IP (International Protection) followed by two digits indicating the degree of protection.

This means that the full protection rating consists of the two letters and the digits indicating the level of protection.


1st digit




Protection of equipment against the ingress of solid, foreign objects and also protection of persons against contact with hazardous parts.

2nd digit

Protection of equipment against the harmful ingress of water.

Where there is no protection rating - with regard to one of the criteria - the digit is replaced with the letter X, e.g. IP X4 or IP 6X.

1st digit	Protection against ingress of foreign objects	Protection against contact/application
0	Equipment provides no protection against ingress of solid, foreign objects.	No particular personal protection against accidental contact with live and/or moving parts. In enclosures with no access.
1	Protection against ingress of solid, foreign objects in a diameter > 50 mm.	Protection against accidental contact by large surfaces of the body (back of the hand) with live and/or moving parts. Closed areas only accessible to authorised and trained personnel.
2	Protection against ingress of solid, foreign objects in a diameter > 12.5 mm.	Protection against finger contact with live and/or internal moving parts. Specific accessible areas.
3	Protection against ingress of solid, foreign objects in a diameter > 2.5 mm.	Protection against contact between live and/or internal moving parts and tools, wires or similar objects in a thickness of > 2.5 mm. Generally accessible parts.
4	Protection against ingress of solid, foreign objects in a diameter > 1 mm.	Protection against contact between live and/or internal moving parts and tools, wires or similar objects in a thickness of > 1 mm. Generally accessible parts.
5 	Protection against harmful, internal dust deposits. Ingress of dust is not entirely prevented. The quantity of dust entering must not interfere with operation (dust-protected).	Complete protection against contact with live and/or internal moving parts. Areas exposed to short-term high dust deposits.
6 	Protection against ingress of dust (dust-tight).	Complete protection against contact with live and/or internal moving parts. Generally accessible areas.

2nd digit	Protection against ingress of water	Application
0	No particular protection.	In dry areas.
1	Protection against vertically falling drops of water (protection against dripping water). Shall have no harmful effect.	In areas exposed to moisture with component in predefined vertical position (e.g. condensation water).
2	Protection against vertically falling drops of water (protection against dripping water). Dripping water falling at an angle shall have no harmful effect on equipment (enclosure) tilted at an angle of up to 15° from its normal position.	In areas exposed to moisture with component not positioned exactly vertically (e.g. condensation water).
3 	Protection against water falling at any angle up to 60° from the vertical. Shall have no harmful effect (protection against spraying water.)	Areas exposed to rain and not splashing water.
4 	Protection against water splashing against equipment (enclosure) from any direction. Shall have no harmful effect (protection against spraying water).	Areas exposed to rain and splashing water (e.g. areas exposed to passing vehicles).
5 	Protection against water projected by a nozzle against equipment (enclosure) from any direction. Shall have no harmful effect (protection against water jets).	Areas exposed to moderately powerful water jets.
6	Protection against heavy sea or powerful jets of water. Water in harmful quantities must not enter the equipment (enclosure) (protection against floodwater)	Areas exposed to heavy wash and floodwater (e.g. jetties).
7	Protection against water when equipment (housing) is immersed in water under defined conditions of pressure and time. Water must not enter in harmful quantities (immersion).	Areas washed over temporarily or covered with snow for a prolonged period.
8	Equipment (housing) is suitable for continuous immersion in water under conditions which shall be specified by the manufacturer (submersion). However, the conditions must not be any more severe than those for digit 7.	In submerged function.
9	Protected against high pressure and high water jet temperatures	Areas in which pressure washers are used

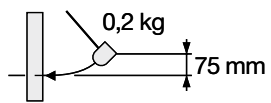
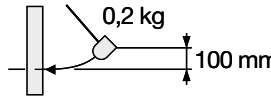
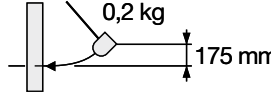
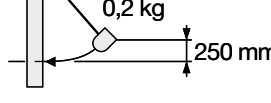
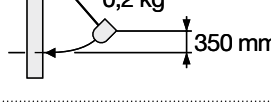
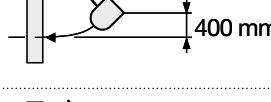
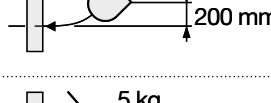
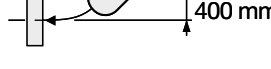
IK protection code as defined in EN 50102

The degree of protection provided by enclosures for electrical equipment against external mechanical impacts is defined by the IK code under standard EN 50102 - VDE 0470 Part 100 and EN 62262.

IK 0X

IK = Code letters (international mechanical protection)

0X = IK class of impact protection (from 00 to 10)

IK	Test	Energy in Joules
IK 00		0
IK 01		0.15
IK 02		0.2
IK 03		0.35
IK 04		0.5
IK 05		0.7
IK 06		1
IK 07		2
IK 08		5
IK 09		10
IK 10		20

Protection Classes and Marks of Conformity

Protection classes



Protection class I

In the case of lights provided with class I protection, the protection aim is achieved by insulating live parts and connecting contactable metal parts to the protective-earth conductor. The protective-earth conductor connection terminal is marked with



Protection class II

In the case of lights provided with class II protection, electrical safety is ensured by means of double insulation.



Protection class III

In the case of light provided with class III protection, protection is based on safety extra-low voltage (SELV).

Marks of conformity



VDE mark

For electro-technical products, including products within the scope of the German Act on Equipment and Product Safety (GPSG) and medical products within the scope of the German Medical Products Act (MPG). The VDE mark indicates conformity to VDE provisions or European- or internationally harmonised standards and provides confirmation that the protection requirements of the pertinent guidelines are met. The VDE mark shows that the product is safe in terms of electrical-, mechanical-, thermal-, toxic-, radiological- and other risk.



VDE-GS mark

For technical work equipment and ready-to-use items of daily use within the scope of the GPSG (optionally instead of VDE mark for these products). If products are technical work equipment or ready-to-use items of daily use within the scope of the German Act on Equipment and Product Safety, you can also use the VDE GS mark.



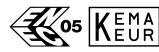
The VDE EMC mark

For equipment conforming to the standards on electromagnetic compatibility. The VDE EMC mark expresses a product's conformity with the applicable standards on the electromagnetic compatibility of products. However, this mark also signals the reliable operation of your product in an electromagnetic environment, because the requirements on issuing the mark automatically and unreservedly cover compliance with the relevant standards.



ENEC mark from VDE / KEMA

For products meeting harmonised certification procedures. The European standards specified in the ENEC Agreement provide the basis for testing. Products (these currently being lights, light components, low-energy lamps, IT equipment, transformers, appliance switches, electrical regulators and control devices, terminals, appliance couplers, some types of capacitor and radio interference suppression components) tested on this basis are allowed to carry VDE ENEC mark. Approval from another body involved in the European certification procedure is not necessary.



VDE cable marking

The VDE cable mark applies to cables, lines and wiring conduits and -channels.



Glow-wire test

Lights carrying this mark have had their external parts tested for resistance to fire and combustion with an 850°C wire in accordance with the European standard.

CE mark

The manufacturer documents and declares in its sole responsibility that the product marked satisfies the basic requirements of EU directives. This mark is not a mark of tested safety and quality but is directed towards the authority supervising the market.

