

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

