

Sensor-Switched Floodlights
Sensor LED light XSolar L-S
New Products

Information copy

No compromising. Sensor-switched LED light XSolar L-S, for gardens, patios and building walls, no power connection needed, 140° coverage angle, neutral white light, rechargeable lithium-iron-phosphate battery, on-demand lighting for up to 50 days, optional basic light level.



Details

Light ON / OFF – automatically and without electricity costs

Innovative sensors respond to movements and light levels, automatically switching the powerful LED light ON and OFF again when it is no longer needed.

Sensor-switched LED light XSolar L-S, the world's most efficient LED solar light – and one of the most attractive. Bright light, 365 days of the year, zero energy costs. Ideal for mounting on garden walls and external walls – wherever there's no power connection. The XSolar L-S spectacular through and through – in terms of design but above all in the technology stakes. The 1.2-W LED lighting system delivering a sensational 124 lm/W of light is 12times more efficient than a conventional bulb and provides even illumination for an area up to 30 m². Steinel LEDs have a life expectancy of around 50,000 h which means no maintenance work is necessary. This means: no need to change a bulb ever again!

The XSolar L-S wall spotlight also comes with an infrared sensor that's discreetly integrated underneath the LED panel. Angle of coverage: 140°. Reach: 8m radially. This means light is only switched ON when the sensor detects movement. The sensor function automatically switches the light ON when light levels fall to 2 lux, with stay-ON time controlled by software. This patented intelligent microprocessor control system ensures maximum energy efficiency. There's also a basic light-level function.

Let's take a look at the two veritable stars of energy efficiency featured in this incredibly innovative lighting system. To begin with, the XSolar L-S is equipped with a monocrystalline solar panel with matt-finished mineral glass cover for optimising the conversion of sunlight into energy. Solar panel and LED panel both turn. Additionally integrated, the compass helps to set the solar panel to face south. Solar panel and LED panel can also be mounted separately – e.g. to the right and left of a building corner so that the solar panel catches the most sunlight. On top of this, the XSolar L-S is also fitted with a powerful 2500 mAh high-performance lithium-iron-phosphate

rechargeable battery. This comes fully charged and provides on-demand lighting for up to 50 days from the very first minute. Rechargeable lithium-iron-phosphate batteries impress with high levels of capacitance, they don't discharge and function with any loss of power even at temperatures below freezing. The battery can also be recharged by hand at a micro-USB port – if ever the sun takes a long vacation.



High-end monocrystalline solar panel



Lithium-Ferrum battery included



LED-System included



Sensor with Fresnel lens included



Basic brightness



Compass for setting the panel to face south

Technical specifications Sensor LED light X Solar L-S White

European Article Number (EAN)	4007841671006
Dimensions (h x w x d):	298 x 189 x 186,5 mm
Power connection	Solar supply, no mains power required
Solar panel	Monocrystalline under glass
Rechargeable battery	2500 mAh LiFePo
Sensor type	Passive infrared
Output	1.2 W LED
Brightness	150 lm
Efficiency	124 lm/W
Light colour	4000 K / SDCM 5
Colour rendering	Ra ≥ 80
LED life expectancy	50.000h (L70B10 to LM80) h
LED cooling system	Passive Thermo Control
Detection angle	140°
Swivelling range	Solar panel: ± 165°, can be removed from the light LED panel: +/- 60°
Reach	8 m max. (mounting height 1.8 m)
Response brightness	2 lx
Time setting	software-controlled, 10 – 30 sec.
Basic light level	3% all night long (optional)
IP rating	IP44
Protection class	III
Temperature range	-20 - +40°C

Special features

Integrated compass for aiming the solar panel due south

Material

UV-resistant plastic

Version

White

With lamp

STEINEL LED system

Application

For the garden, patio and outside wall: 365 days of automatic lighting even where there's no connection to the power supply.

