Data sheet

STEINEL®
Intelligent technology

Solar light

XSolar L-S

EAN 4007841671013

Functional description

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.

Technical specifications

Dimensions (L x W x H)	298 x 189 x 186,5 mm
Sensor Technology	passive infrared
Output	1,2 W
Power supply, detail	Solar supply, no mains power required, Lithium-iron-phosphate rechargeable battery 2500 mAh
Luminous flux	150 lm
Colour temperature	4000 K
Colour Rendering Index CRI	80-89
With lamp	Yes, STEINEL LED system
Lamp	LED cannot be replaced
LED life expectancy (max. °C)	50000 h
Drop in luminous flux in accordance with LM80	L70B10
LED cooling system	Passive Thermo Control
With motion detector	Yes
Detection angle	140 °
Sneak-by guard	Yes
Reach, tangential	r = 8 m (78 m²)
Photo-cell controller	Yes
Twilight setting	2 – 2 lx
Time setting	10 s – 0,5 min
Impact resistance	IK00
IP rating	IP44
Protection class	III
Ambient temperature	-20 – 40 °C
Housing material	Plastic
Cover material	Plastic, transparent
Manufacturer's Warranty	3 years
Included extension cable	6 m
Version	Silver

https://www.steinel.de/