# XSolar L-S ONE white

**SOLAR LIGHT**

EAN 4007841081997
E-Nr. 941012889

- Solar light with motion detector, ideal for garden walls and outdoor walls without power connection
- Fast and flexible installation even in places without cable connection, 0€ electricity costs for 365 days of light a year
- Thanks to the monocrystalline solar panel, the powerful lithium-ferrum battery charges optimally even in cloudy weather and with few hours of sunlight, 2500 mAh capacity for up to 60 days of light reserve
- Automatic light thanks to 140 ° Infrared sensor with up to 8 m detection of movement
- Functions: adjustable basic light in the morning and evening hours, pleasant soft light start, swivelling solar and LED panel
- Warm white light (3000 K) with long-life 150 lm LED light system (50. 000 h LED life), with an illumination of 30 sqm.
- Incl. mounting accessories - plastic-free packaging

187 x 189 x 298 mm



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# Technical Data

## DIMENSIONS

| | |
|---|---|
| Dimensions L × W × H | **187 x 189 x 298 mm** |

## ELECTRICAL

| | |
|---|---|
| Power | **1,2 W** |
| Supply voltage detail | **Solar supply, no mains power required Lithium-iron-phosphate rechargeable battery 2000 mAh** |

## SENSOR TECHNOLOGY

| | |
|---|---|
| Max. mounting height | **2,00 m** |
| Sensor technology | **passive infrared** |
| With motion detector | **Yes** |
| Detection angle | **140 °** |
| Sneak-under protection | **Yes** |
| Segment-by-segment masking | **No** |
| Electronic scalability | **No** |
| Mechanical scalability | **No** |
| Radial range | **r = 2 m (5 m²)** |
| Tangential range | **r = 8 m (78 m²)** |
| Mounting height | **1,80 – 2,00 m** |
| Optimal mounting height | **1,8 m** |

## CONNECTIVITY

| | |
|---|---|
| Control technology | **On/Off-Leuchte** |

## LIGHTING TECHNOLOGY

| | |
|---|---|
| Measured luminous flux 360° | **150 lm** |
| Colour temperature | **3000 K** |
| Colour rendering index | **80-89** |
| With illuminant | **Yes, STEINEL LED system** |
| Illuminant | **LED cannot be replaced** |
| Base | **without** |
| LED cooling system | **Passive Thermo Control** |
| Soft light start | **No** |

## LIFETIME

| | |
|---|---|
| LED lifetime max. °C | **50000 h** |
| Luminous flux decline per LM80 | **L70B10** |

## SETTINGS

| | |
|---|---|
| Twilight setting | **2 lx** |
| Time setting | **10 s – 0,5 Min.** |
| Base light function | **Yes** |
| Base light function time | **all night** |
| Functions | **Motions sensor** |
| Settings via | **Potentiometers** |
| Base light function in percent | **3 %** |
| Base light function percent from | **3 %** |

## HOUSING & MATERIAL

| | |
|---|---|
| Impact resistance | **IK03** |
| Protection class (IP) | **IP44** |
| Protection class | **III** |
| Ambient temperature | **from -20 up to 40 °C** |
| Housing material | **Plastic** |
| Cover material | **PC structured** |
| Mounting location | **wall** |
| Application location | **Outdoors** |
| Mounting type | **Surface wiring** |
| Application room | **all round the building courtyard & driveway front door outdoors terrace / balcony** |
| Colour | **white** |

## SCOPE OF DELIVERY & WARRANTY

| | |
|---|---|
| Manufacturer warranty | **3 years** |

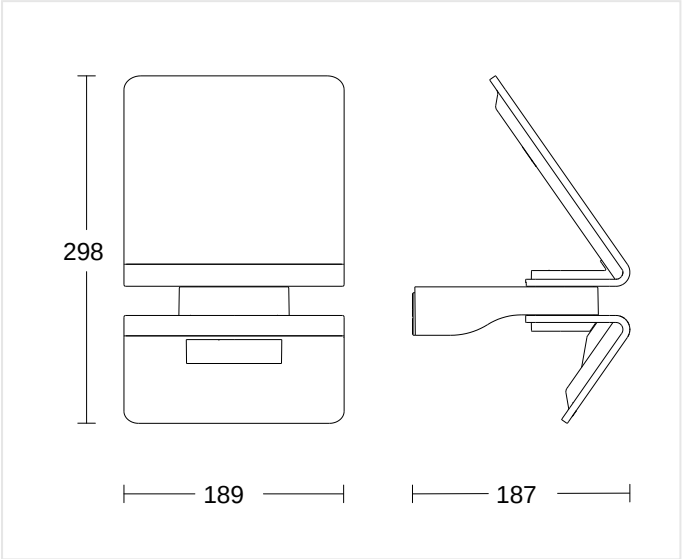
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## Illustrations

### TECHNICAL DRAWINGS




187 x 189 x 298 mm

### MOUNTING HEIGHT

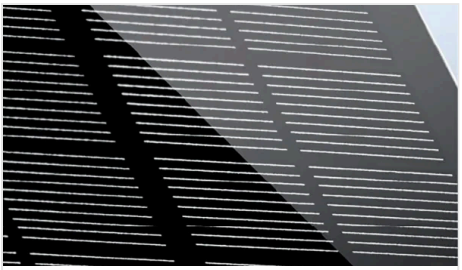
| 1,80 – 2,00 m | 1,8 m | 2,00 m |
|---|---|---|
| BEREICH | OPTIMAL | MAX |

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## Highlights



High-quality monocrystalline solar panel



Including 2500 mAh lithium iron-phosphate rechargeable battery



Including STEINEL LED system



Optional basic lighting level



Compass for setting the panel to face the optimum direction

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## Accessories

**ORDERING INFORMATION**

| | |
|---|---|
| Art.-Nr. | 081997 |
| EAN | 4007841081997 |
| E-Number | 941012889 |
| Typ | **XSolar L-S ONE white** |

neva
lux

nevalux AG
Neugrütstrasse 2
8610 Uster
+41 44 508 78 78
info@nevalux.swiss