

## Sensor-Switched Floodlights

### Sensor LED light XSolar GL-S

#### New Products

#### Information copy

**Efficiency and flexibility.** Sensor-switched LED light XSolar GL-S, for pathways, gardens and patios, no power connection needed, includes bases in three lengths, 140° coverage angle, 4,000 kelvins, 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

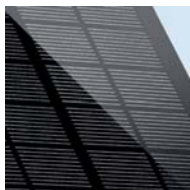
Innovative sensors respond to movements and light levels, automatically switching the powerful LED light ON and OFF again when it is no longer needed.

**The sensor-switched XSolar GL-S LED light epitomises the combination of efficiency, elegance and flexibility.** Bright light, 365 days of the year, zero energy costs. Ideal for ground-mounting on paths, drives, patios and in gardens – wherever there's no power connection. Supplied with a choice of bases in different lengths, the XSolar GL-S can be adapted to suit any particular need. The choice is yours: 45 cm, 63 cm or 100 cm high. This flexibility goes hand in hand with a technology line-up that includes LED, sensor, solar-module and high-performance rechargeable battery.

One by one: the 1.2-W LED lighting system delivering a sensational 124 lm/W of light is 12 times more efficient than a conventional bulb and provides even illumination for an area up to 30 m<sup>2</sup>. The LED has a life of around

50,000 h or 30 years. Maintenance-free and no need to change a bulb. The XSolar GL-S also comes with an infrared sensor that's integrated underneath the LED panel where it is virtually hidden from view. Angle of coverage: 140°. Reach: 5m radially. This means light is only switched ON when it's needed. 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 innovative lighting system. To begin with, the XSolar GL-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 makes easy work of aiming the solar panel due south. On top of this, the XSolar GL-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 are capacitance wizards, they don't discharge and function with any loss of power even in frosty temperatures. They can also be recharged at a micro-USB port – if ever the sun doesn't feel like shining over a prolonged period.



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 GL-S silver

<b>European Article Number (EAN)</b>	4007841671211
<b>Dimensions (h x w x d):</b>	3 installation heights possible: 1178 x 198 x 186.5 mm (long) 682 x 198 x 186.5 mm (short) 808 x 198 x 186.5 mm (medium)
<b>Power connection</b>	Solar supply, no mains power required
<b>Solar panel</b>	Monocrystalline under glass
<b>Rechargeable battery</b>	2500 mAh LiFePo
<b>Sensor type</b>	Passive infrared
<b>Output</b>	1.2 W LED
<b>Brightness</b>	150 lm
<b>Efficiency</b>	124 lm/W
<b>Light colour</b>	4000 K / SDCM 5
<b>Colour rendering</b>	Ra ≥ 80
<b>LED life expectancy</b>	50.000h (L70B10 to LM80) h
<b>LED cooling system</b>	Passive Thermo Control
<b>Detection angle</b>	140°
<b>Swivelling range</b>	Solar panel: ± 165° LED panel: +/- 60°

<b>Reach</b>	5 m max. (mounting height 1 m)
<b>Response brightness</b>	2 lx
<b>Time setting</b>	software-controlled, 10 – 30 sec.
<b>Basic light level</b>	3% all night long (optional)
<b>Special features</b>	Integrated compass for aiming the solar panel due south
<b>IP rating</b>	IP44
<b>Protection class</b>	III
<b>Material</b>	UV-resistant plastic with aluminium base
<b>Temperature range</b>	-20 - +40°C
<b>Version</b>	silver
<b>With lamp</b>	STEINEL LED system

### Application

For pathways, gardens and patios: 365 days of automatic lighting even where there's no connection to the power supply.

