

Solar Security Pole Light PL001



- Amazing 3000 Lumens light output.
- 3 working modes + Remote
- Cool white output
- IP65 waterproof
- PIR activated



The SolarGo2 PL001 security light.

Made from Silver coated aluminium and strong UV resilient plastic, it is a light that is going to last. This light is simply built to last and once installed and running (a simple 2 bolt install) its light output blows most mains powered security lights out of the water but with none of the wiring hassles. The 3000 lumens output is activated via its PIR. You can then choose what level of output it reverts to with its 3 lighting modes and two timer modes.

This light also has a remote control letting you set the different modes at will; handy when it is installed high up on a pole. It also lets you set the light to be constantly on for 10 or 20 mins at a time before reverting to the original mode you set the light to. A simple press of the button on the remote will change modes.

This light will mount on to poles with a diameter between 50 and 65mm (pole not included)

This powerful light also has the brilliant ASL2.1 Technology and TCS technology built in**.

Mode 1

This gives you a PIR security light that runs at 120 lumens until the PIR picks up some movement. It then gives you the full 3000 lumens output for 10 seconds before returning to the 120 lumens setting (unless it registers another movement during this time). This is indicated by a red LED on the light.

Mode 2

This gives you a PIR security light that runs at 240 lumens until the PIR picks up some movement. It then gives you the full 3000 lumens output for 10 seconds before returning to the 240 lumens setting (unless it registers another movement during this time). This is indicated by an orange LED on the light.

Mode 3

This lets the light run at 400 lumens for 5 hours at this light level with the full 3000 lumens if the PIR detects movement. After the 5 hours the light sets itself down to 80 lumens, saving the power in the internal battery but still with the PIR function of 3000 lumens.



Technical Specification

Solar Panel		Technology	
Type	Polycrystalline	Core Control Technology	ALS 2.1 / TCS 1.0
Power	5W	IP / IK Class	IP65 / IK10
Li-Ion Battery		Install Info	
Voltage	3.7V	Install Height	3M - 6M
Capacity	38.48Wh (2.6Ah)	Method	Pole Mount with locking screws
Charging / Discharging Temp	0°C to 45°C / -20°C to 60°C	Size	115mm(H) x 220mm(W) x 355mm(D)
Charging time from solar	10H	Weight	1.7Kg
LED		Performance	
LED Make	OSRAM - 2835	UK weather	> 10 days (from full battery)
LED Amount	60 LEDs per light	Control Modes	On / Off / Select Mode Button
LED Colour Temp	4000k , Ra 80+ (cool white)	Functions	M1 : 120lm + PIR 3000lm for 10 seconds M2 : 240lm + PIR 3000lm for 10 seconds M3 : 400lm (5h) + 80lm till dawn + PIR 3000lm for 10 seconds
Efficiency	190lm / WMax		
Max output	3000lm		
PIR			
PIR Range	5M		
PIR Angle	120°		

Built in Technology



ALS2.1 Technology Gives the ability to preserve its power and slightly dim the main output power when it detects the energy of the Li-ion battery (built into the unit) is starting to run low. Gives extra days with a working light even when the weather conditions are working against a solar powered system. This technology offers up to 270% more working time over similar solar products.

TCS Technology Protects the internal battery from the high and low extremes in temperature. This in turn extends the life of the battery.