

# Kybsun<sup>®</sup>

## S O L A R

### USER GUIDE

Kybsun is an autonomous solar device, combining a high efficiency solar panel, a 32-bit microprocessor, 2 lithium batteries, 10 LED lights generating 500 lumens at 3500 K (3W power), a motion sensor allowing the lamp to start automatically, and switch to change lighting mode.

#### HOW TO CHANGE THE LIGHTING MODE?

A short push on the switch allows the user to change the lighting mode (one or two quick flash indicate the mode in use [# 1 or # 2] while a long push modulates the LED power)

#### LIGHTING MODES

1. One flash: motion sensor and pathway light. Kybsun starts automatically at night (125 lumen by default. 25% power). Whenever a movement is detected, light comes up at full power (500 lumen) for 30 seconds  
A long push on mode 1 allows you to modulate the light intensity from 0 to 60% (300 lumen)

2. Two flashes. Forced on. Light is on, day or night until the batteries are flat.  
A long push on mode 2 allows you to modulate the light intensity from 20% (100 lumen) to 100% (500 lumen)

#### LIGHT STAYS ON FROM 5 TO 200 HOURS DEPENDING ON THE CHOSEN MODE.

#### USE

Position your lamp on a sunny spot all day long to optimize the charging time. The charging time fluctuates in winter and during a cloudy weather. The solar panel should be cleaned regularly

#### SOLAR CHARGE

3 flashes: Battery capacity above 75%

IT IS POSSIBLE TO CHARGE KYBSUN CONVENTIONNALLY THROUGH A USB PORT.

#### USB CHARGE

While Kybsun is charging trough a USB port/cable, it flashes every 6 seconds to show the charge level.

1. One flash: battery low
2. Two flashes: battery below 75%
3. Three flashes: battery above 75%

#### MAINTENANCE

If your Kybsun does not work, please leave it for a day under direct sun light or charge it through the USB port. Once Kybsun is fully charged, press the switch a first time to reinitialize the electronics and a second time to get in mode # 1. It is advisable to store your lamp for a long period of time with a fully charged Kybsun and to recharge it at least once a year.

#### POSITIONING OF THE LAMP

Please keep in mind that the motion sensor (white curved sensor) must be directed towards the passageway to detect motion properly.

#### THIS LAMP IS TOTALLY WIRELESS

#### WARRANTY

We offer 2 years warranty against manufacturer's defects. The manufacturer's code printed on the Kybsun must be legible in order to receive a refund or a replacement. Warranty does not cover misuse or deteriorations such as: breakage due to a fall, scratches, total immersion of Kybsun, or purchase outside the warranty window.

