

GROWPROBE2

PRODUCT SPECIFICATIONS

Light sensor	Light sensor located on base of unit. Measurement range: 0 - 65550 Lux Accuracy: ± 1 Lux from -20°C to 70°C
Temperature sensor	Measurement range: $+0$ to $+50^{\circ}\text{C}$ Accuracy: $\pm 0.1^{\circ}\text{C}$
Current speed	Measurement range: ± 2 g Accuracy: ± 0.005 g from -20°C to 70°C Calibration allows conversion of acceleration data into current speed.
Direction	Measurement range: 0 to 360° Accuracy: $\pm 2^{\circ}\text{C}$
Waterproof Housing	IP68 (rated to 60m below sea level).
Output file type	.CSV, comma separated
Output file format	1) Raw data 2) Averaged data
Scheduling	The device can be programmed to record sensors data either continuously at a regular sampling rate, or in bursts of high sampling rate with gaps between bursts. Raw data and 'averaged bursts' data is output in two .csv files. Sampling rate, burst rate and duration is set in the configuration file on the SD card.
Memory	Micro SD Card 16GB.
Battery	12.8AH Lithium-ion battery (will last approximately 60 days taking measurements every 30 minutes).
Charging Battery	Rechargeable with Micro USB Cable.
Dimensions	55 \times 860mm.

