

ML4703 data logger

Pro ML4700 LUX/UV Series

Part of the **Hanwell Pro** ML4000LUX/UV series, the ML4703 data logger accurately measures light (LUX) and UV using onboard sensors.

Features

- ✓ Accurate light (LUX) and UV measurement
- ✓ Superior performance hardware & high accuracy sensors
- ✓ Easily accessible battery & USB socket
- ✓ Logger memory capacity of 50,000 readings per channel
- ✓ Up to 3 year battery life
- ✓ Complies with RoHS, EU & WEEE directives
- ✓ Carries CE Marking

Typical Applications

- Museum artefact preservation
- Medical supply storage

Free HanLog software



Compatible with Hanwell EMS

Instrumentation specification	
Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	1 x 3.6V AA Lithium battery
Case material	ABS & PC
Memory capacity	50,000 readings per channel (unit can be set to wrap or stop when full)
Clock accuracy (logging)	20ppm @ 25°C
IP Rating	IP30
Instrument operating range	0°C to +50°C in a non-condensing RH environment
Storage temperature	-40°C to +60°C



LUX



UV



Data logger

Product code: ML4703

Data Logger Functions	
Memory	4MB Flash
Logging Intervals	Programmable from 10 seconds to 24 hours
Record Capacity	50,000 readings per channel
Battery life	Up to 3 years (dependent on conditions of use and instrument settings)
PC Interface	USB Communications
Software required	W200 – HanLog 4.5+ Software Package
Software compatibility	EMS - All Versions Synergy - All Versions RadioLog 8

Accessories	
88706	3.6V AA Lithium battery
Y055	USB cable
Y119	Wall mount bracket

Manufactured by Ellab Monitoring Solutions



RoHS



Version 5 - EC210080

Disclaimer: The information contained herein is believed to be reliable. Ellab Monitoring Solutions Ltd is not responsible for any incorrect or incomplete information on this datasheet and the information or product may be changed without notice. Customers should obtain and verify the latest relevant information before placing orders for Hanwell products.

hanwell.com

Tel: +44 (0)1462 688070 | Email: sales.hanwell@ellab.com

Sensor options (supplied with unit)

LUX sensor	Photometric diode detector
Visible wavelength	400 to 700nm
Visible range	10 to 5000 LUX
Colour response	Human eye (Match to CIE Curve =5%)
Linearity	1%
Angular response	Cosine
Long term drift	<1%FS per year

UV sensor	UV Silicon carbide
UV Power range	20 to 2000 mW/m2
UV Wavelength	215 to 365nm
Linearity	1%
Angular response	Cosine
Long term drift	<1%FS per year