



Above:
Detail of USB socket

Below:
Optional wall mounting security bracket

Hanwell provide a range of instruments that enable the users to measure the levels of Lux and the UV content of light.

The ml4701 Lux datalogger is part of the 4000 range of advanced data loggers, allowing monitoring of a site, with historical analysis of data.

These instruments provide the necessary information to protect their products or environmental surroundings. Using proven Hanwell technology, measurements can be taken of the amount of visible light (Lux) falling on objects.

The Hanwell Lux data loggers sensor measures in the range 10 to 5000 Lux. This is generally sufficient for environments where a Lux level of over 600 is not normally desired, but higher ranges can be supplied on request. The sensor is calibrated against a reference light meter.

The ml4701 is powered by a single battery, which can be replaced by the user without dismantling the unit.

Each 4000 series transmitter has enough internal memory to store up to 100000 readings and is in fact continually logging. The Lux datalogger can travel with products and once delivered the data can be downloaded via the high speed USB connection directly into the PC software. The environmental data for the time that the product has been away will be added to previously stored data, providing a continuous history for that product.

The moulded case allows easy access to the battery and USB socket, as well as having slots to fit onto secure wall brackets.

The ml4000 range has been designed to comply with the RoHS and WEEE EU directives, and carries the CE mark.



Lux only

Product Code ML4701
Series ml4000

Typical Applications

Monitoring in:
° Laboratories
° Pharmaceutical
° Warehousing

Instrument

Dimensions: 110 x 80 x 35 mm
Weight: 200 grams
Power Supply: 3.6 Volt AA Lithium battery
Battery Life: Up to 3 years (depending on use)
Case Materials: ABS & PC
Operating Humidity Range: 0...100% non-condensing
Operating Temp Range: -20°C to +60°C

Sensor

Type: Photometric diode detector
Visible Wavelength: 400 to 700nm
Visible Power: 10 to 5000 lux
Colour Response: Human eye (CIE curve matched = 5%)
Linearity: 1%
Angular Response: Cosine

Logging Functions

Memory: 2048k EEPROM
Logging intervals: Programmable from 10 seconds to 24 hours
Record Capacity: 100,000 records
PC Interface: USB communications

Accessories

Code:
W200 USB logger software
Y119 Wall mounting security bracket
Y055 Setup communications cable
G129 Replacement 3.6V Lithium AA battery