

GOLDILUX



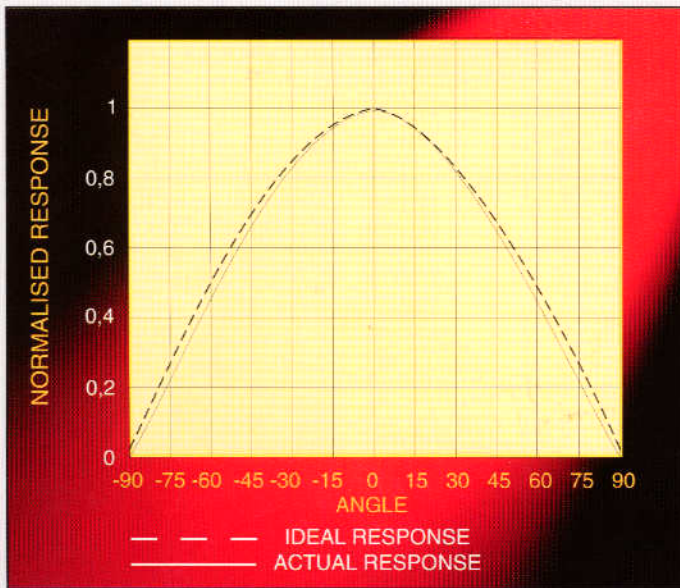
GOLDILUX ULTRAVIOLET METERS

The GOLDILUX range of ultraviolet meters are robust hand-held instruments, developed for measuring UV-A, UV-B and UV-C levels and doses. The meters are available as dedicated units or with remote interchangeable plug-in detectors. The highly stable UV-enhanced silicon detectors have superb amplification, ensuring excellent linearity and stability. Good cosine response enables accurate measurement on extended sources.

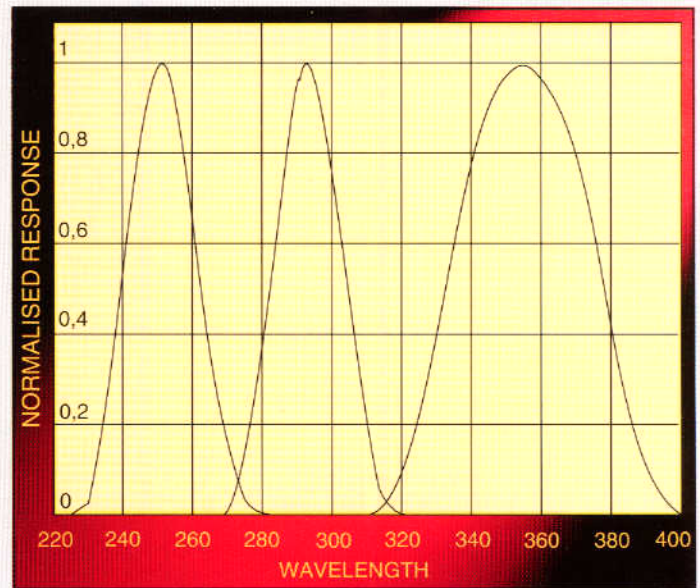
FEATURES

- Robust, lightweight, hand-held
- Excellent stability
- Excellent linearity
- Versatility through interchangeable remote detectors
- Dose measurement option (probes)
- Wide measurement range of irradiance and dose
- Digital display
- Hold function (on unit or remote)
- Powered by single replaceable battery
- One year full guarantee

For a list of available models, ask your dealer for the latest diagram of the meter family.



Angular response of detector compared with ideal cosine response



Relative spectral response of UV-A, UV-B and UV-C detectors



SPECIFICATIONS

Measuring functions:	Irradiance and dose (optional)
Measuring range:	0,1 to 200 000 $\mu\text{W}/\text{cm}^2$, depending on model
Accuracy:	5 to 15% (depending on region)
Readout:	4 $\frac{1}{2}$ digit LCD display
Temperature range:	0 to 50°C
Hold function:	Hold button on meter or on 5 meter long plug-in cable
Power source:	One type PP3 9V battery, preferable alkaline. 'Battery low' indicator
Battery life:	Approximately 180 hours for alkaline battery
Dimensions:	150 x 80 x 35 mm (basic unit)
Mass:	<i>Display unit:</i> 220 g (with battery), <i>Probe:</i> 180 g
Accessories:	Plug-in remote detectors, packing case, instruction manual
Calibration:	Meter factory calibrated prior to delivery Certificate of calibration optional

Further Information :

