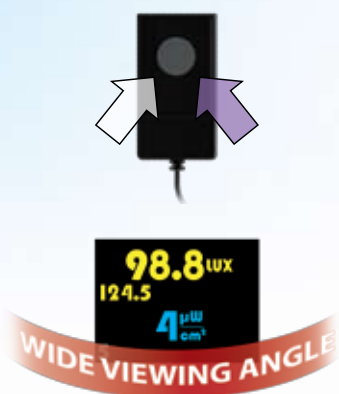


## Introducing the first colour screen white light and UV dual function meter



The UVeLux is a compact, lightweight and robust meter specifically designed for the non-destructive testing environment using a single sensor to measure UV and white light at the same time.

### Feature Highlights



#### Single Sensor

Single sensor measures UV and white light at the same time

#### OLED Colour display with wide viewing angle

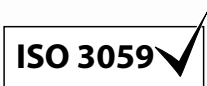
320 x 240 pixel 2.4" colour display  
Dimmable display to extend battery life  
High contrast ratio OLED screen  
(over 30 x greater than a TFT-LCD in dark conditions and over 12 x in sunlight)  
180°(UD)/180°(LR) viewing angle  
(over 3 x viewing angle of TFT-LCD in both viewing planes)

#### Easy to operate

Auto-ranging on both UV and Visible scales  
Menu driven setup and multi-function buttons  
'Auto Hold' function to record maximum readings  
Adjustable auto-power down to conserve battery life

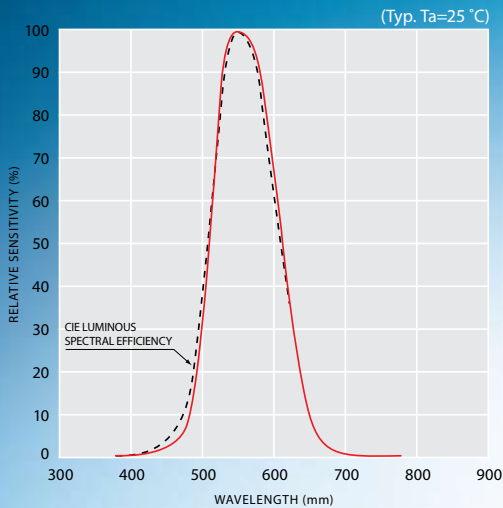
#### Conforms to ISO 3059

Meets the requirements for non-destructive testing viewing conditions for penetrant and magnetic particle inspections (ISO 3059)

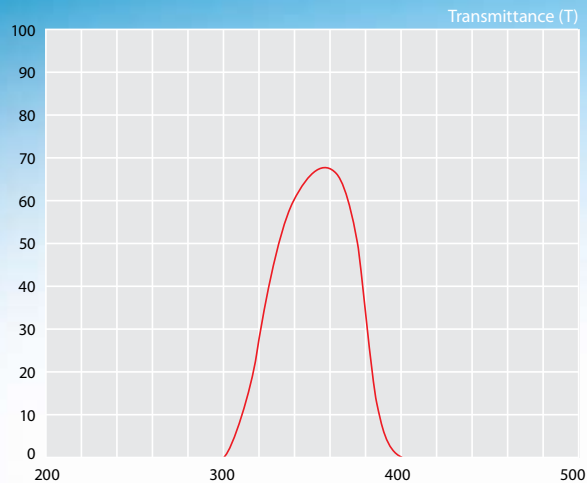


## One sensor head gives UV and white light

### Sensor Performance



The spectral response of the white light sensor conforms closely to the CIE  $V_{\lambda}$  curve



UV sensors only sensitive to UVA, peak response at 365nm

### Technical Specification

Detection features		
Sensors		Sensors conform to BS ISO 3059
Measurement unit	visible light	lux or fc
	UVA	$\mu\text{W}/\text{cm}^2$
Measuring range	visible light	0.1 lux to 5000 lux
	UVA	1 $\mu\text{W}/\text{cm}^2$ to 10,000 $\mu\text{W}/\text{cm}^2$
Resolutions	visible light	0.1 lux
	UVA	1 $\mu\text{W}/\text{cm}^2$
Accuracy	visible light	better than 5%
	UVA	better than 5%

Electrical features	
Electromagnetic compatibility	compliant to EN 61326 Ed.97 + A1 Ed.98 + Ed.01 requirements
Battery	9V battery (PP3)
Current Drain	< 20 $\mu\text{A}$ in shutdown mode

Casing features	
Case dimensions	152mm x 83mm x 33mm (probe not included)
Probe dimensions	85mm x 46mm x 16mm
Weight	250g including battery
Case material	Reinforced ABS plastic
Moisture / dust tightness	IP 64



Distributed by:



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