



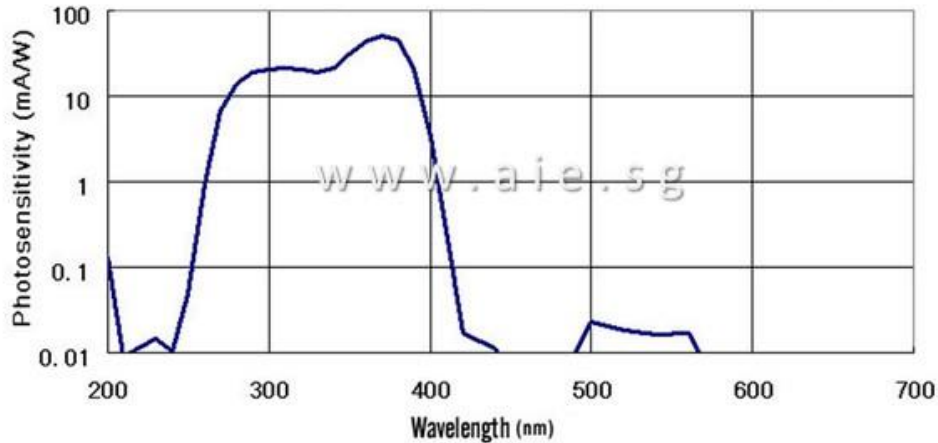
LIGHT METERS (UVB & UVA)



Light Meters (UVB & UVA) || www.aie.sg

Model	7.1
Irradiation Range	0-199.9 mW/cm ²
Bandwidth	280-400 nm (UVB through UVA)
Resolution	0.1 mW/cm ²
Conversion Rate	3.0 Readings/Sec
Display	3.5 Digit LCD
Digit Size	10mm height
Operating Temperature	0 to 37.5 °C
Operating Humidity	5% TO 80% RH
Accuracy	±5%
Dimensions (mm)	105L x 60W x 23D
Weight (grams)	127 (includes battery)
Power Source	9-Volt DC Battery
Lens	UVT Acrylic
Diffuser	Virgin Teflon .010
Detector	GaAsP with Filter

T=25°C



Applications

- UV Lamp Aging Tests
- Acrylic Shield Transmission
- Eyewear UV Block Tests
- Compare Browning Rays
- Estimate Tt Time

Operation

Press and hold push-button switch on face of unit. Aim sensor window in top panel of meter directly at blue light source. Note reading on LCD and record if desired.

Battery operation voltage is 9V down to 6.5V. Below 6.5V the LCD numbers will begin to dim, indicating the need for battery replacement. Under "typical" service load, the battery should last about 2 years.

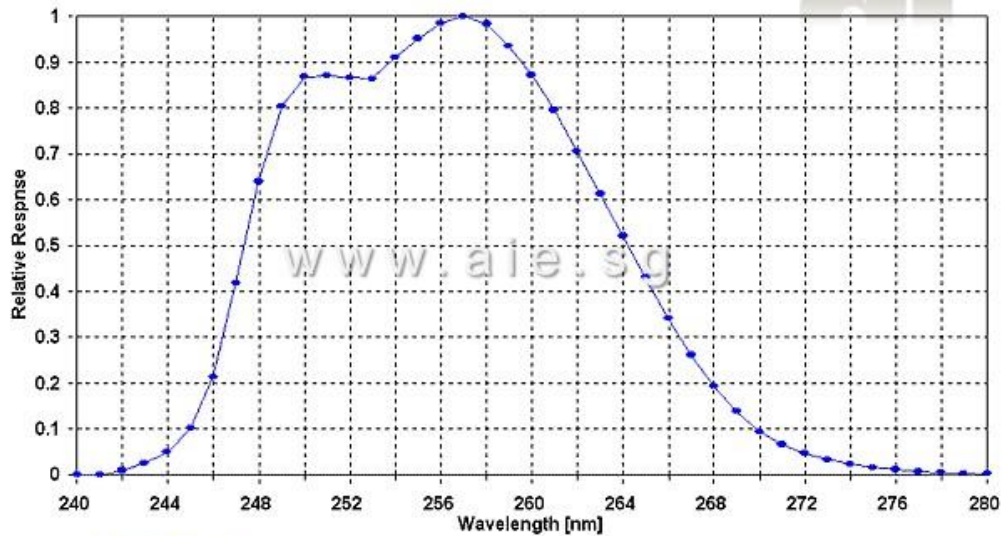


LIGHT METERS (UVC/GERMICIDAL)



Light Meters (UVC)/Germicidal || www.aie.sg

Model	10.1
Irradiation Range	0-1999.9 $\mu\text{W}/\text{cm}^2$
Response	254nm \pm 8 nm
Bandwidth	246-262 nm
Resolution	1 $\mu\text{W}/\text{cm}^2$
Conversion Rate	3.0 Readings/Sec
Display	3.5 Digit LCD
Digit Size	10mm height
Operating Humidity	5% TO 90% RH
Accuracy	\pm 10%
Dimensions (mm)	105L x 60W x 23D
Weight (grams)	127 (includes battery)
Power Source	9-Volt DC Battery
Lens	UV Glass
Diffuser	None
Detector	SiC/Shortpass I.F.



Applications

- UVC Lamp Intensity and ageing
- UVC lamp box leak check



Operation

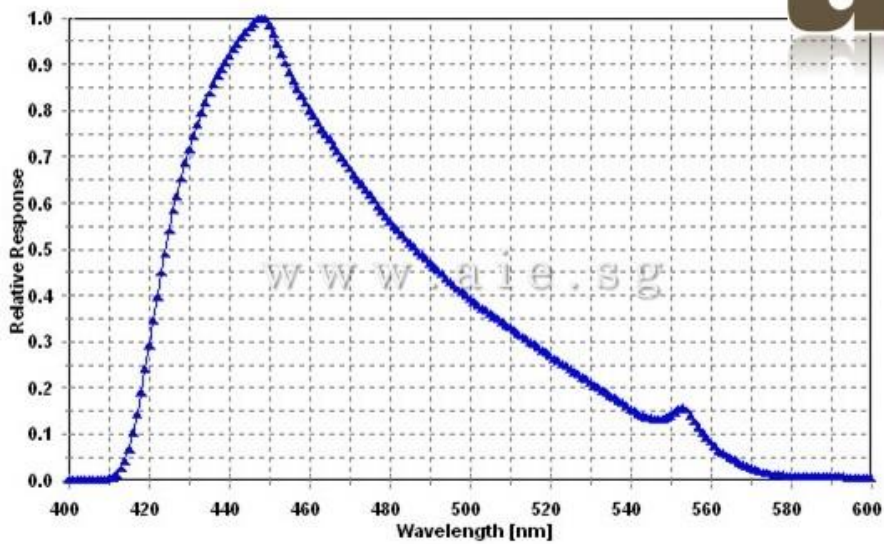
Press and hold push-button switch on face of unit. Aim sensor window in top panel of meter directly at blue light source. Note reading on LCD and record if desired.

Battery operation voltage is 9V down to 6.5V. Below 6.5V the LCD numbers will begin to dim, indicating the need for battery replacement. Under "typical" service load, the battery should last about 2 years.

LIGHT METERS (BLUE LIGHT)



Model	11.5
Irradiation Range	0-199.9 mW/cm ²
Response at 450 nm	98%
Bandwidth	422-499 nm
Resolution	0.1 mW/cm ²
Conversion Rate	3.0 Readings/Sec
Display	3.5 Digit LCD
Digit Size	10mm height
Operating Humidity	5% TO 90% RH
Accuracy	±10%
Dimensions (mm)	105L x 60W x 23D
Weight (grams)	127 (includes battery)
Power Source	9-Volt DC Battery
Lens	UV Glass
Diffuser	Virgin Teflon .005
Detector	GaP with Schott filter



Applications

- Blue Lamp Intensity
- Blue LED Intensity
- Eyewear Actinic Blocking
- Bilirubin Lamp Aging
- Aquarium Lamp Aging
- Acne Lamp Aging

Operation

Press and hold push-button switch on face of unit. Aim sensor window in top panel of meter directly at blue light source. Note reading on LCD and record if desired.



Battery operation voltage is 9V down to 6.5V. Below 6.5V the LCD numbers will begin to dim, indicating the need for battery replacement. Under "typical" service load, the battery should last about 2 years.