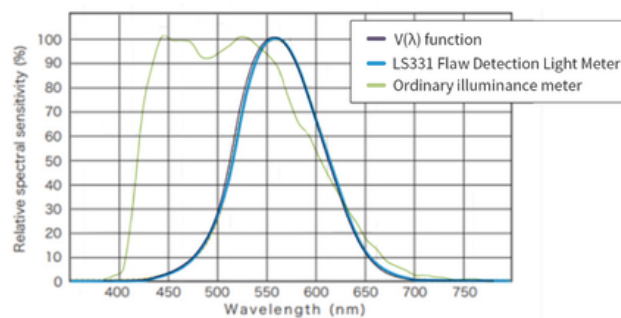
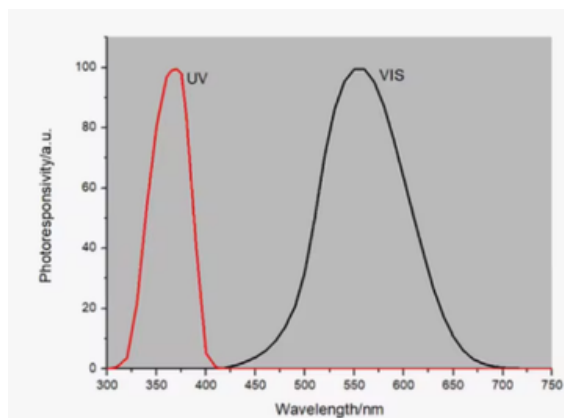


## FLAW DETECTION LIGHT METER



### FEATURE

- Designed for NDT lamp, multi-parameter simultaneous measurement
- Professional UV detector with high-precision UV filter
- High-precision spectral sensor
- Advanced digital probe technology
- Measurement of CCT
- High precision, pass authoritative metrology inspection
- Intelligent statistics function
- 1,000,000 Lx and 200,000  $\mu\text{W}/\text{cm}^2$  large range
- IDL-311 colorimeter meets the following standards: JJG 245-2005 Verification Regulation of Illuminance Meter, JJG 879-2015 Verification Regulation of Ultraviolet Radiometers, GBT 5097-2020 Non-destructive testing——Penetrant testing and magnetic particle testing——Viewing conditions

No.	Description	Quantity	Unit
1	Flaw Detection Light Meter	1	pcs
2	AA Battery	2	pcs
3	User Manual	1	pcs
4	Calibration Report	1	pcs
5	Certificate	1	pcs

## SPECIFICATIONS

Model	IDL-311
UV spectral response	315nm-405nm, $\lambda_p = 365\text{nm}$
UV power measurement range	0 - 200000 $\mu\text{W}/\text{cm}^2$
UV power resolution	0.1 $\mu\text{W}/\text{cm}^2$
UV power measurement accuracy	$H < 50\mu\text{W}/\text{cm}^2$ : $\pm 5\mu\text{W}/\text{cm}^2$ , $H \geq 50\mu\text{W}/\text{cm}^2$ : $\pm 10\%H$ , (H is the standard value)
UV unit options	$\mu\text{W}/\text{cm}^2$ (default), $\text{mW}/\text{cm}^2$ , $\text{W}/\text{m}^2$
Illuminance measurement range	0 – 1000000Lx
Illuminance resolution	0.1Lx
Illuminance measurement accuracy	$\leq \pm(3\%H + 2\text{Lx})$ (H is the standard value, calibrated under CIE standard A light source)
Illuminance unit options	Lx (default), FC
Correlated color temperature measurement range	1000 – 100000K
Response time	$< 0.7\text{s}$
Test aperture diameter	$\Phi 21\text{mm}$
Size	188.5mm*75.2mm*30.3mm (L*W*H)
Weight	About 232g (including batteries)
Display	240*160 dot matrix LCD
Power supply	2 AA alkaline dry batteries
Operating environment	Temperature 0~40°C, Humidity $< 85\%\text{RH}$
Supply voltage	DC3V
Operating current	20mA
Operating power consumption	60mW



Wide selection of units



Instant refresh, response time less than 0.7s



AutoOff can prevent battery drain

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[www.ims-measurement.com](http://www.ims-measurement.com)