

S3 Appendix: Measured tools data

The lux meter used in the experiments was a model PCE-L335. Its technical specifications are as follows (information is taken from pce-iberica.es) (Table 1):



Ranges	40/400/4.000/40.000/400.000 lux 240/400/4.000/40.000 foot-candle
Resolution	0.01 lux 0.1 foot candle
Accuracy	± 3 %
Overcome indicator	OL = Overload
CIE photopic f ['] 1	< 9 %
Light sensor	silicon photodiode
Temperature characteristic	± 0,1 %/°C
Ambient condition	0...50°C/ < 80 % H.r.
Screen	LCD 3½ positions
Alimentation	Six battery micro AAA
Dimensions	Light sensor: 100 x 60 x 27 mm Apparatus: 135 x 72 x 33 mm
Weight	250 g
Regulation	CNS 5199 II

**Table 1. Specification techniques of PCE-L335 lux meter
(information is taken from pce-iberica.es)**

The infrared thermometer used to measure the temperature was a model PCE-778. Its technical specifications are as follows (PCE Instruments website) (Table 2).



Optical resolution	12: 1
Measuring range	-40... 800°C/-40... 1472°F
Measurement accuracy	Measuring range -40... 0°C/-40... 32°F: ± 4°C/7.2°F Measuring range 0... 400°C/32... 752°F: ± 1.5°C/2.7°F Measuring range 400... 800°C/752... 1472°F: ± 2°C/3.6°F
Resolution	0.1°C/0.18°F at 0... 199.9°C/32... 391.8°F 1°C/1.8°F at > 199.9°C/391.8°F
Emissivity	0.1... 1 (adjustable)
Spectral	8... 14 µm
Polarity	No indication: positive polarity Display "-": negative polarity
Automatic shutdown	After 30 seconds of inactivity
Operating conditions	0... 50°C/32... 122°F, rH: 10... 90 %
Storage conditions	-20... 60°C/-4... 140°F, rH <80 %
Power supply	9 V block battery
Laser	2nd grade
Weight	250 g/< 1 lb
Dimensions	95 x 83 x 192 mm/3.7 x 3.3 x 7.6 in

Table 2: Specification techniques of the PCE-778 infrared thermometer (taken from pce-instruments.com)