

TESTO 545



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Measuring Luminous intensity with mean calculation, memory and location management.

In order to have good quality light, the luminous intensity in places of work, hospitals, offices or schools has to fulfil specific minimum values.

This can be measured and documented efficiently using the **testo 545**

Outstanding features are as follows:

- Timed mean calculation
- Multi-point mean calculation via 99 measurement points
- Up to 99 locations can be selected
- Logger function (3000 meas. Values)

Prints functions as well as contents of memory on infrared printer.

Examples of luminous intensities to DIN 5035, part2:-

Offices

Office rooms	300 Lux
Typing, drafting areas	750 Lux

Factories

Visual work on production lines	1000 Lux
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Hotels

Public areas	200 Lux
Reception, cashier points	200 Lux

Stores

Shop Windows	1500-2500 Lux
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Hospitals

Wards	100-150 Lux
Emergency treatment areas	500 Lux

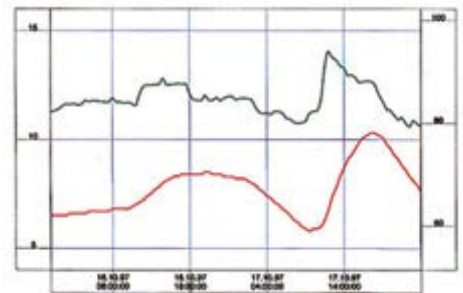
Schools

Auditoriums, indoor gymnasiums	300 Lux
Classrooms	400-700 Lux

Convenient data analysis

Using Comfort software "Light" or "Professional", the information in the Testo 545 can be downloaded and a location list can be saved.

Using "Professional" software, separately saved luminous intensity values can be connected to form a curve. This "light profile" provides information on the uniformity of the lighting e.g. in repro tables, for paintings, in halls etc.



Technical Specifications

Sensor	Silicon photodiode	Display	2 line LCD and
Meas. range	0 to 100,000 Lux		2 matrix lines
Accuracy	To DIN 5032, part 6	Battery lifetime	9 V IEC 6F22 > 50 h Al-Mn
	$F_1 = 8\%$	Battery check	Automatically in 4 stages
	$F_1 = V(I)$ adaption	Operating temperature	0 to 50 ° C
	$F_2 = 5\%$	Storage temperature	+ -20 to + 70 ° C
	$F_2 = \cos$ like rating	Dimensions	220 x 68 x 50 (instrument)
Resolution can be switched	0 to 32,000 Lux 1 Lux	Weight	500 g (incl. Packaging)
	0 to 100,000 Lux 10 Lux	Warranty	2 years

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