

Lux-Meter



Testo 0500 is a light intensity measuring instrument with many advantages:

Wide meas. Range 0 to 100,000 Lux

Fast response

Hand-held

Easy-to-operate

Measuring light intensity 0 to 100,000 Lux

Light sensor: Silicone photodiode

Measuring Range 0 to 100,000 Lux

Resolution:

0 to 2,000 Lux 1 Lux

2,000 to 20,000 10 Lux

20,000 to 100,000 100 Lux

Humans experience 80% of all sensations with their eyes.

Therefore, adequate light intensity plays an important role in protecting us from danger and damage to health. Lux is the measuring unit for light intensity. The light intensity of 1 Lux corresponds to a light flux of one lumen falling on a surface of one square meter.

Recommended nominal light intensities according to DIN 5035, part 2

Locations

* Offices	Lux
Clerical work areas	300
Typing, drafting Areas	750
* Factories	
Visual work on production Lines	1000
* Hotels	
Public rooms	200
Reception, cashier points	200
* Stores	
Show windows	1500-2500
* Hospitals	
Wards	100-150
Emergency treatment areas	500
* Schools	
Auditoriums/	
Indoor gymnasiums	300
Classrooms	400-700