

The digital luxmeter is a professional instrument for measuring illumination and brightness, which can be used in light intensity measurement engineering, quality control, illness prevention and treatment and measurement of light intensity in all kinds of environments such as factories, schools, offices, transportation routes, families, etc.

Application



Factory



Home



Office



School

Function	WT81	WT81B
Measure current illumination and temperature	√	√
Measure difference value, max value and min value	√	√
Switch between illumination and temperature unit	√	√
The measurement range is (0~200000) lux, auto switch of measurement gear	√	√
Automatic storage and manual storage of illumination data	√	√
Setting of automatic power off	√	√
Backlight and data holding	√	√
Bluetooth	×	√

Specification		
Measuring function	Illumination and temperature, difference value, max value, min value of illumination	
Main parts of photometer head	Photodiode+cosines corrector+correction filter	
Temperature probe	NTC thermistor	
Illuminance measuring range	Total measuring range: 0~200,000 Lux, into four ranges	
	×1: 0 ~ 199.9 Lux	
	×10: 2000 ~ 1999.9 Lux	
	×100: 20000 ~ 19999.9 Lux	
×1000: 200000 ~ 200000.0 Lux		
Temperature measuring range	-9.9°C ~ 49.9°C	
Illuminance accuracy	±3%rdg (below 10000 Lux)	
	±4%rdg (above 10000 Lux)	
Temperature accuracy	±1.0 °C	
Units of illuminance and temperature	Four combinations of units are available	
	Lux/°C	
	Lux/°F	
	FC/°C	
FC/°F		
Storage of illumination data	Automatic storage	Max number of data groups is 1000, and storage cycle is set by APP (WT81B)
	Manual storage	Max number of data groups is 67, and whether to store data is decided by manual operation.
Operating temperature/humidity	0 ~ 40°C, 10 ~ 90%RH	
Storage temperature/humidity	-10 ~ 50°C, 10 ~ 90%RH	
LCD screen update	2 times/s	
Power source	3* 1.5V AAA batteries	



Photosensitive head



Back screw female design

WT81

WT81B