



Light measuring instrument for precise light measurement up to 200,000 Lux

Features

- Measures illumination in the workplace
- Helps to determine whether a workstation has insufficient light or whether there is too much light
- **Photo sensor:** silicon diode
- **Cosine correction** for angular incident light
- **Sturdy protective cover** for the photo sensor
- **Increased service life:** Impact protection by means of a protective casing
- **1 Delivery in a robust box**
- **Track function** for continuous recording of changing environmental conditions
- **Peak Hold Mode** to capture peaks
- **Selectable measuring units:** fc (foot-candle), lx

Technical data

- Measuring frequency: 2 Hz
- Cable length (Photo sensor) approx. 1 m
- Dimensions W×D×H 100×60×28 mm
- Battery operation, battery not standard (9V Block), AUTO-OFF function for battery conservation
- Net weight approx. 250 g

STANDARD OPTION






Model	Measuring range [Max] lx	Readout [d] lx	Price excl. of VAT ex works €	Option Factory calibration certificates	
				KERN	€
SAUTER	200	0,1	85,-	961-190	165,-
SO 200K.	2000	1			
	20000	10			
	200000	100			



Compact photometer, optimised for accurate light measurement, including LED light measurement

Features

- For measuring illumination of office workstations, production workstations, etc.
- **Photo sensor:** Silicon diode, filtered
- **Cosine correction** for incidence of light at an angle
- **Data-hold function**, to freeze the current measurement
- **1 Rotatable sensor unit** (+90 and -180°) for optimum alignment to the light source
- **Sturdy protective cover** for the photo sensor
- **2 Increased service life:** Impact protection by means of delivery in a soft box with light protection
- **TRACK function** for continuous recording of variable environmental conditions
- **Peak hold function** to capture the peak value
- **Selectable units:** fc (foot-candle), lux
- Easy to toggle between units by a keypress
- Option of fitting a stand on the rear of the housing, 1/4" thread

Technical data

- Precision up to 20.000 Lux: ± (4 % of the result + 10 scale intervals)
- Precision from 20,000 Lux: ± (5 % of the result + 10 scale intervals)
- Repeatability: ± 2 % of [Max]
- Temperature error: ± 0,1 % of [Max]/°C
- Measuring frequency: 2 Hz
- Dimensions W×D×H 185×68×38 mm
- Operating temperature and humidity: 0 °C/40 °C, 0-80 % RH
- Ready to use: Battery included, 9 V block, operating time up to 200 hours
- Net weight approx. 130 g

STANDARD

OPTION

PEAK BATT 1 DAY ISO +10DAYS

Model	Measuring range	Readout	Price excl. of VAT ex works €	Option		
				Factory calibration certificates		
SAUTER	[Max] lx	[d] lx	95,-	KERN	€	
SP 200K	0-200	0,1		95,-	961-190	165,-
	200-2000	1				
	2000-20.000	10				
	20.00-200.000	100				