

SECULIFE | IT_{BASE} Luminance Tester

3-349-824-03
2/9.15

SECULIFE IT_{BASE} the accurate measurement of the illuminance

- Accuracy amounts to $\pm 3\% \pm 1$ digit of the display value
- Data memory for up to 100 single measuring values
- Illuminance can be measured in Lux or Footcandle
- Meets Standards DIN 5032-7 and CIE no. 69
- Cosine correction for diagonal incident light
- Wide measuring ranges
- Easy operation
- High resolution

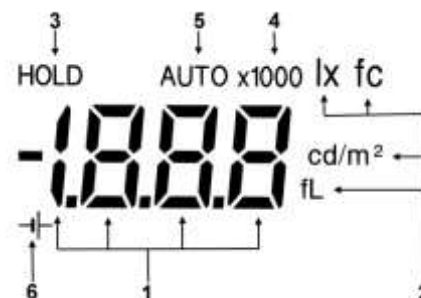


SECULIFE IT_{BASE} due to its class C accuracy, this meter is used primarily as an industrial measuring instrument for planning, installing, inspecting and monitoring lighting systems, as well as for the assurance of compliance with specified lighting conditions.

Its four measuring ranges with automatic or manual range selection cover a broad span from 0.1 to 199,900 lx with an accuracy level of $\pm 3\% \pm 1$ digit. $V(\lambda)$ matching deviation, which amounts to $f1' < 7.5\%$, is considerably better than the permissible error limit for class C specified in the standards.

SECULIFE IT_{BASE} is classified according class C in accordance with DIN 5032-7, appendix B of IEC 13032-1 and CIE 69. The high-end $V(\lambda)$ matching and cosine correction guarantees the reliably measure for illuminance of daylight and artificial source of light. Even in the case of very bright sunlight or illumination from headlights, no accessories are required.

Description of display



- 1) Display of measuring value and Memory
- 2) Measuring unit
- 3) Display "HOLD" indication / Buffer Storage
- 4) Multiplying factor for measuring value
- 5) Auto ranging – automatic range selection
- 6) Low Battery

Purchase parts

- 1 Battery
- 1 Operating Instructions

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Technical Data

Device:

Display	3 ½ digits LCD
Dimensions	Display Unit: 65 x 120 x 19 mm Photometer Head: 31 x 105 x 30 mm
Operating elements	6 keys
Weight	approx. 200 g (without battery)
Operating time	approx. 45 h of continuous operation
Power Supply	Battery: 1,5 V Mignon, Typ AA Auto power off: 4 min / continuous operation

Measure:

General	
Measuring range	0,1 lx to 199 900 lx or 0,01 fc to 19 990 fc in 4 areas
Measuring rate	2 measurements per second
Measuring sensor	Silicon photodiode with V(λ) Filter
Measuring lead	1,5 m, firmly connected
Functions:	Luminous intensity 10 to 190 000 lx Autorange, Range Hold, Manual Range, displays Lux (lx)/ Footcandle (fc), Hold-function und Max-function for display

Ordering information

Description	Type	Order number
Digital illuminance class C	SECULIFE IT _{BASE}	M688M
Zubehör		
Luminance adapter for probe with 10 mm diffuser	Luminance adapter	
Luminance adapter for probe with 20 mm diffuser	Luminance adapter	Z688A
Adapter disk for contact measurement	Adapter disk	Z688B
Special cable lengths available for an extra charge: optionally 3 m / 5 m / 10 m		
Plastic transport case		F520G

For more information on accessories, see www.gossenmetrawatt.com

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