

TECHNICAL DATA



Model

MAVOLUX 5032 B USB

MAVOLUX 5032 C USB

Measuring functions

Type

Precision Luxmeter

Precision Luxmeter

Classification

Class B DIN 5032-7 / EN 13032-1, appendix B

Class C DIN 5032-7 / EN 13032-1, appendix B

Item number

M503N

M502N

Illuminance

0.01 lx ... 199,900 lx / 0.001 fc ... 19,990 fc

0.1 lx ... 199,900 lx / 0.01 fc ... 19,990 fc

Luminance

0.1 cd/m² ... 1,999,000 cd/m² / 0.01 fL ... 199,900 fL

1 cd/m² ... 1,999,000 cd/m² / 0.1 fL ... 199,900 fL

With optional luminance attachment, not classified

With optional luminance attachment, not classified

Measuring ranges

5

4

Measuring range selection

Automatic / manual

Automatic / manual

Measuring rate

2 per second

2 per second

Measuring method

Distance measurement,
Contact measurement with optional luminance attachment

Distance measurement,
Contact measurement with optional luminance attachment

Measuring sensor

Silicon photodiode with V (λ) filter

Silicon photodiode with V (λ) filter

Probe with tripod thread

Yes

Yes

Measurement cable

1.5 m, plug-in

1.5 m, firmly connected

Measured value memory

100 measured values

100 measured values

Error limit - V(λ) adapted (f1'), typical

< 3 %

< 7,5 %

Error limit - overall error, typical

≤ 8 %

≤ 15 %

Operation

Display

3 1/2 digit LCD

3 1/2 digit LCD

Back-Light

Yes

Operating elements

6 keys

6 keys

Interface

USB 1.1

USB 1.1

Software

GLUX 2

GLUX 2

Power supply

Battery

1,5 V mignon, type AA

1,5 V mignon, type AA

Automatic battery control

Yes

Yes

Automatic shutdown

4 min. / continuous operation

4 min. / continuous operation

Battery service life

Approx. 45 hours with alkaline manganese battery

Approx. 45 hours with alkaline manganese battery

Power supply

USB

USB

Miscellaneous

Operating temperature

0 °C to 50 °C

0 °C to 50 °C

Dimensions

65 mm x 120 mm x 19 mm (meter)

65 mm x 120 mm x 19 mm (meter)

31 mm x 105 mm x 30 mm (probe)

31 mm x 105 mm x 30 mm (probe)

Weight

200 g without battery

200 g without battery

Certificates

Factory certificate - H997B

Factory certificate - H997B

DAkkS certificate - H997D

DAkkS certificate - H997D

Delivery contents

Aluminum case, GLUX 2 software
USB cable, battery, operating instructions

Aluminum case, GLUX 2 software
USB cable, battery, operating instructions

