125 years of innovation
1893 – 2018

C.A 1110
Logger Luxmeter

100 lx

1110 lx

103 fc

Measure lighting
at any time

Spectral error compensation on **LED** or FLUO sources

MAP mode

Min, Max, Average and Hold functions

Spot or continuous recording up to 1 million points

Data Logger Transfer
Automatic report generation

Application Android
CA Environmental
Loggers

Eco Conception

USB

Bluetooth®

Measure up

C.A 1110 Logger Luxmeter

Measurement ranges	0.1 lx to 200,000 lx (lux)	0.01 fc to 18,580 fc
Resolution	0.1 lx (0.1 lx to 999.9 lx) 1 lx (1 000 lx to 9,999 lx) 10 lx (10,000 lx to 99.99 klx) 100 lx beyond	0.01 fc (0.01 fc to 99.99 fc) 0.1 fc (100.0 fc to 999.9 fc) 1 fc (1,000 fc to 9.999 fc) 10 fc beyond

METROLOGICAL SPECIFICATIONS

	Class C luxmeter as per the NF C 42-710 standard	Mode with compensation
Intrinsic uncertainty for measurement in lux	± 3% of reading on incandescent sources (by default) ± 6% of reading on LEDs (3,000 K to 6,000 K) ± 9% of reading on fluorescent sources	LED mode: ± 4% of reading (at 4,000 K) Fluo mode: ± 4% of reading (type F11, 4,000 K)

FUNCTIONS

Recording	**Manual start/stop on the product** Short press for MEM: spot recording / Long press for REC: recording at the rate of the current mode **Programmed recording** Start date, recording interval (from 1 second to 1 hour) and end date are defined using the PC software
Data storage	More than 1 million points
Min-Avg-Max-Hold	Yes
MAP mode	The MAP function can be used to map the lighting on a surface or in a room. In this way, the lighting measurements are saved in the same file.
Units	lx or fc
Backlighting	Yes
Automatic power-off	Yes (configurable)

POWER SUPPLY

Type	3 x 1.5 V AA / LR6 alkaline batteries Connection to the mains possible with the mains / micro-USB adapter offered as an accessory
Battery life	500 hrs (portable mode) / 3 years of recording (15-minute measurement interval)

PHYSICAL SPECIFICATIONS

Interfaces	2 possible communication modes: Bluetooth wireless link and USB
Mounting	Casing equipped with a magnet, a wall-mount system and a slot for suspending the product Compatible with the Multifix accessory
Dimensions / weight	Casing: 150 x 72 x 32 mm / Sensor: 67 x 64 x 35 mm / 345 g with batteries
Ingress protection	IP50
Product operating range	Temperature: -10 to +60 ° C / Humidity: 0 to 90 %RH
Compliance	IEC61010-1 / IEC 61326-1 / Class C luxmeter as per the French NF C 42-710 standard based on the CIE guidelines

GENERAL SPECIFICATIONS

Data Logger Transfer Windows PC software functions	Display as a graph or a table of values / Data export in graph or Excel table form Real-time mode / Automatic report generation in Word format / Data format compatible with the Dataview software offered as an accessory
Warranty	2 years

Accessories / Replacement Parts

Shockproof sheath + Multifix P01654252
Multifix P01102100Z
Mains adapter P01651023
Bag P01298075
Metal case P01298071
Dataview software P01102095
BLE Bluetooth modem / USB for PC P01654253
4 x AA/LR6 NiMH Batteries + Battery charger HX0053

Standard state at delivery:

Bag, 3 x 1.5 V AA alkaline batteries, USB cable, test report and quick start-up guide (complete manual and Data Logger Transfer software available from the Chauvin Arnoux website)

TO ORDER

C.A 1110 Logger Luxmeter
.... P01654110

CHAUVIN ARNOUX GROUP