CHAUVIN® ARNOUX
CHAUVIN ARNOUX GROUP

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

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 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