POLLUX is a radiometer/Photometer which simultaneously measures the ultraviolet (UV-A) irradiance and the visible light illuminance.

POLLUX is fitted with an n intelligent processing system of measurement.
This is a smoothed average in time coupled to an algorithm of the measurement control. This permanently checks that the readingon the display corresponds well to the instantaneous value that can be detected by the sensor.
If a shift due to the integration in time is detected, the table of the smoothed average is automatically erased. Display is then temporary (less than 0.5 second) fluctuating, then very quickly the average is rebuilt ensuring a good stability.

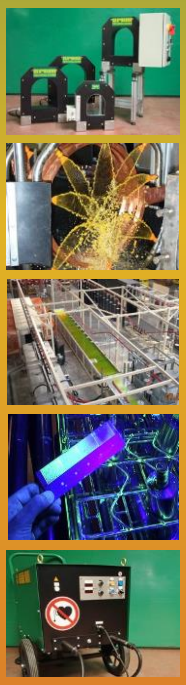
POLLUX complies with the CE marking which is applicable to this type of meter in the Industry.

DESCRIPTION OF THE DIFFERENTS ELEMENTS:

POLLUX is designed to be easy to use and is the lightest as possible.
A reinforced ABS plastic casing makes it extremely robust the meter. A cover gives easily access to the 9 Volts dry cell. The polarity of the the dry cell is automatically detected.

SENSOR

Sensor is located in a separate case and conneted to the meter by a 1 meter long cord.
This single sensor allows to measure visible light and ultraviolet (UV-A) light.



FLUOGRAPHE
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FLUXO

SREM Technologies
ZI Ouest,
14 rue des Frères Chappe
72200 La Flèche
Tel: 02 43 48 15 10
Mail: info@srem.fr
Web: www.srem.fr

TECHNICAL DATA

Characteristics of detection

Sensor: Silicium sensor balanced by filters
Units of measurement: Visible light: lux (lux)
UV-A light: µWatt per square meter (µW/cm²)
Ranges: Visible light: 0.1 lux to 6,000 lux
UV-A light: 0.1 µW/cm² to 20,000 µW/cm²
Résolutions : Visible light : 0,1 lux
UV-A : 1 µW/cm²

Mechanical and environmental characteristics

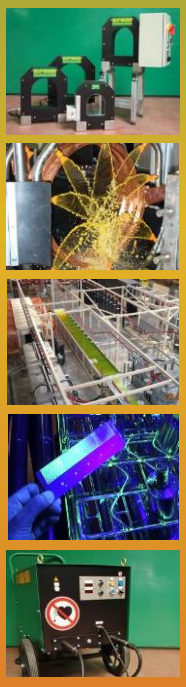
Dimensions: Dimensions of the meter:
120 mm x 65 mm x 22 mm (not included)
Dimensions of the sensor:
85 mm x 45 mm x 16 mm
Weight: 200 g with dry cell
Boîtier: Casing: Reinforced plastic ABS
Humidity & Dust tightness: IP 64
The first figure represents the tightness to solids: 6 for the total protection against dust.
The second figure represents the water tightness: 4 for the protection against water spattering

Electrical Characteristics

Electromagnetic compatibility: conform to EN 61326 Ed.97 + A1 Ed.98 + A2 Ed.01
Conform to: EN 61326 Ed.97 + A1 Ed.98 + A2 Ed.01
Power: Dry cell 9 V (PP3/ 6F22 / 6LR61)
Consumption: 17 mA
Operating time: 30 hours (without backlight)

AFTER- SALES Service

If required do not hesitate to contact the SREM After-sales Service for any required further information.
Tel : + 33 (0) 2.43.48.15.10
Fax: + 33 (0) 2.43.45.25.26
www.srem.fr



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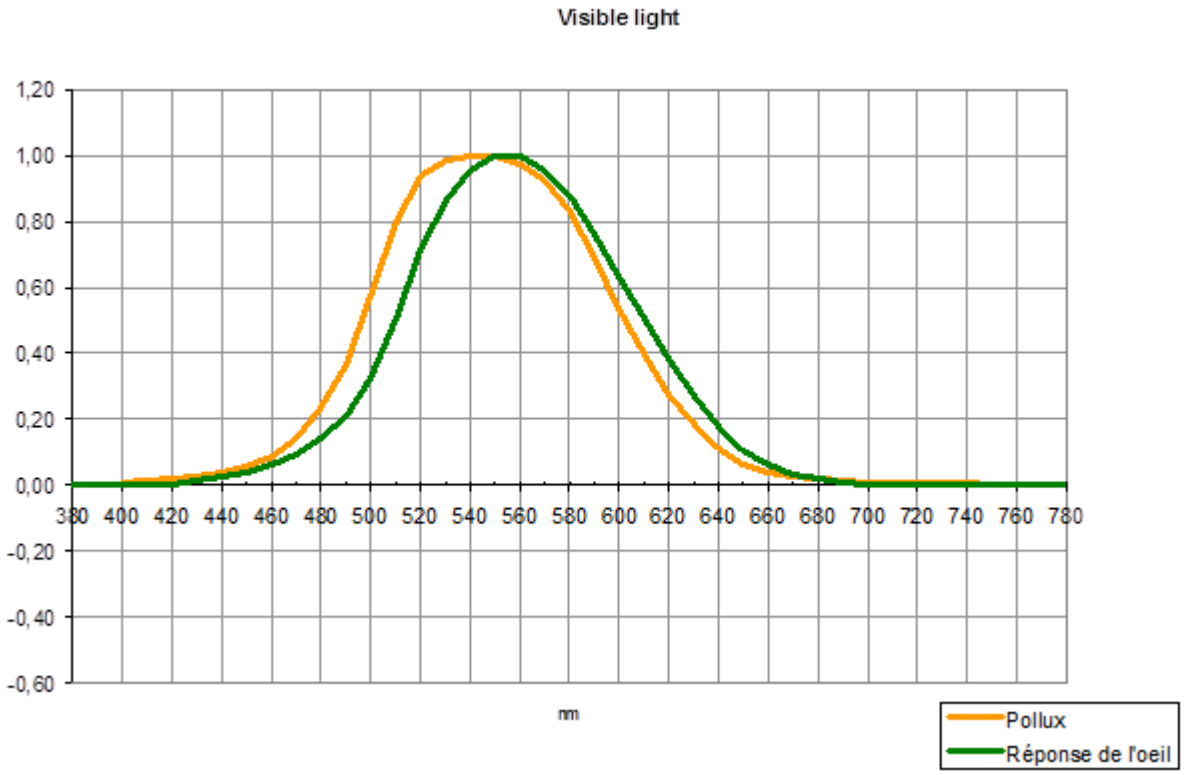

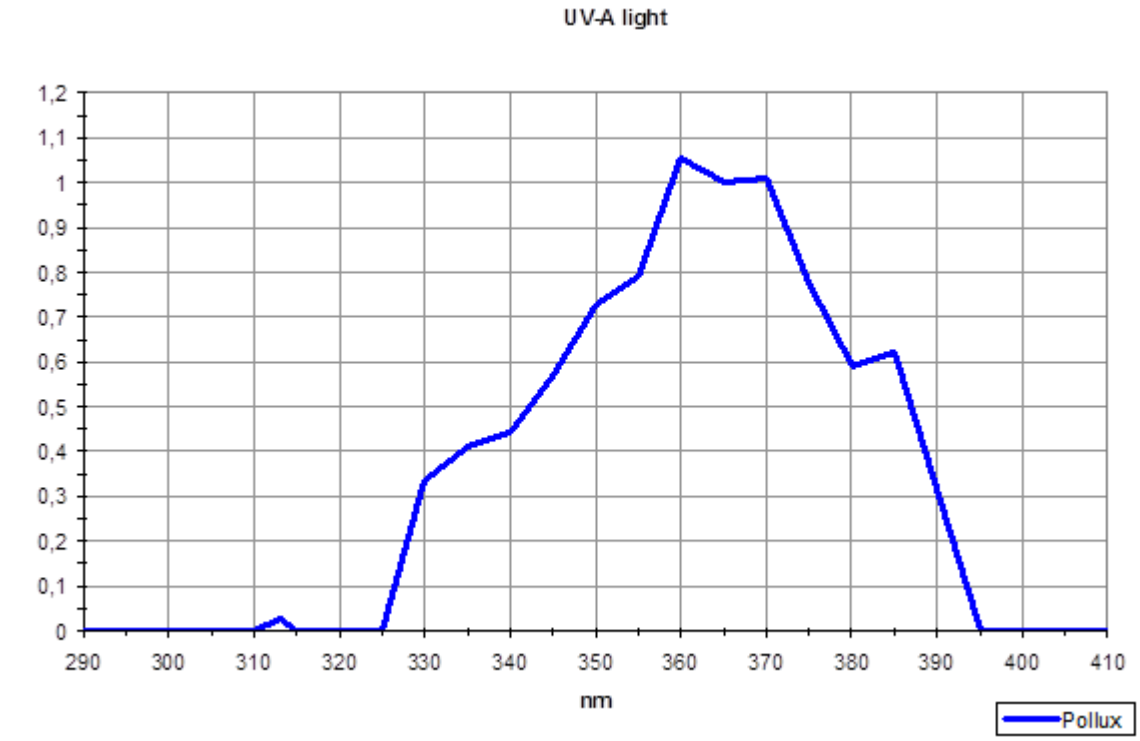

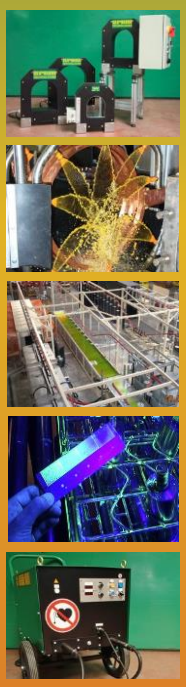

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