# Datasheet Photometer

## Photometer device

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**12/03/2013**

This document shows technical characteristics of the simulated device Photometer.

# VERSION

| Version | Date | Description |
|---------|------|-------------|
| V1.0 | 12/03/13 | File creation |

# General Description

Photometer can supply only one model of photometer which is a standard photometer.

The photometer returns the value of the current illuminance. This value is expressed as a double, in lux units. We describe in section Photometer device Outline methods linked to this device.

# Device properties

| Model | Current_illuminance |
|---|---|
| Photometer | Default =0.0 |

Note: The property current_illuminance is set by default at 0.0. Then this value can take any double value.

# Electro-optical considerations

There is no physical consideration for this type of device. Indeed, this device is used to return a physical value. In our case, we do not care about the way the sensor gives this value.

# Photometer device Outline

Hereafter we explain methods that can be useful for the user to use a photometer.

Interface: **fr.liglab.adele.icasa.device.light.Photometer**

| | |
|---|---|
| getSerialNumber() | Get the device ID |
| getIlluminance() | Get the current illuminance in lux |