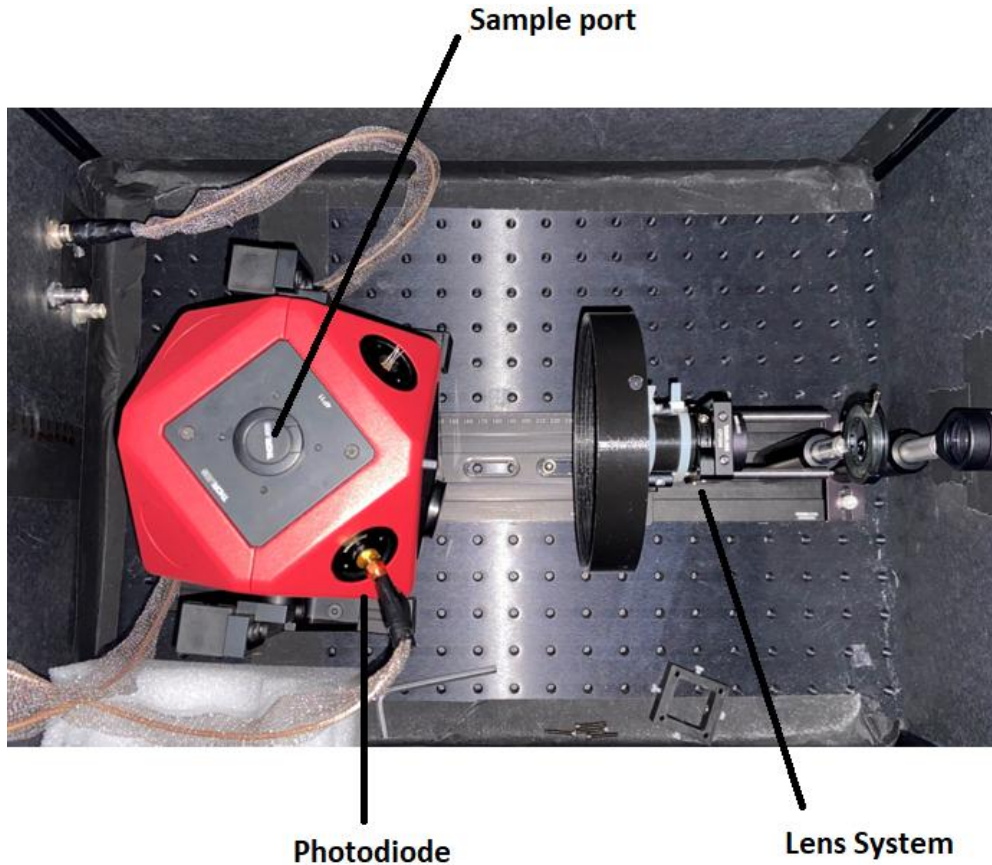


Update on reflectance measurements

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Setup

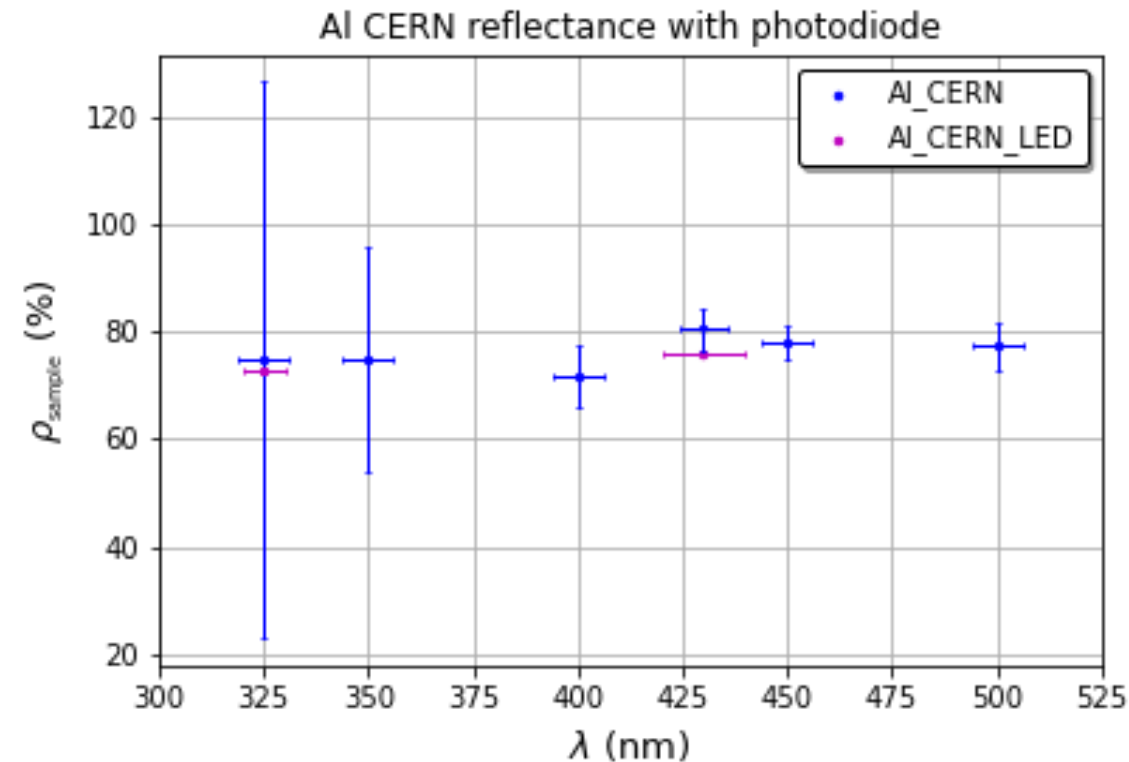


***For the LED we
have used 4.5 V**

**Tungsten
Lamp (12V)**

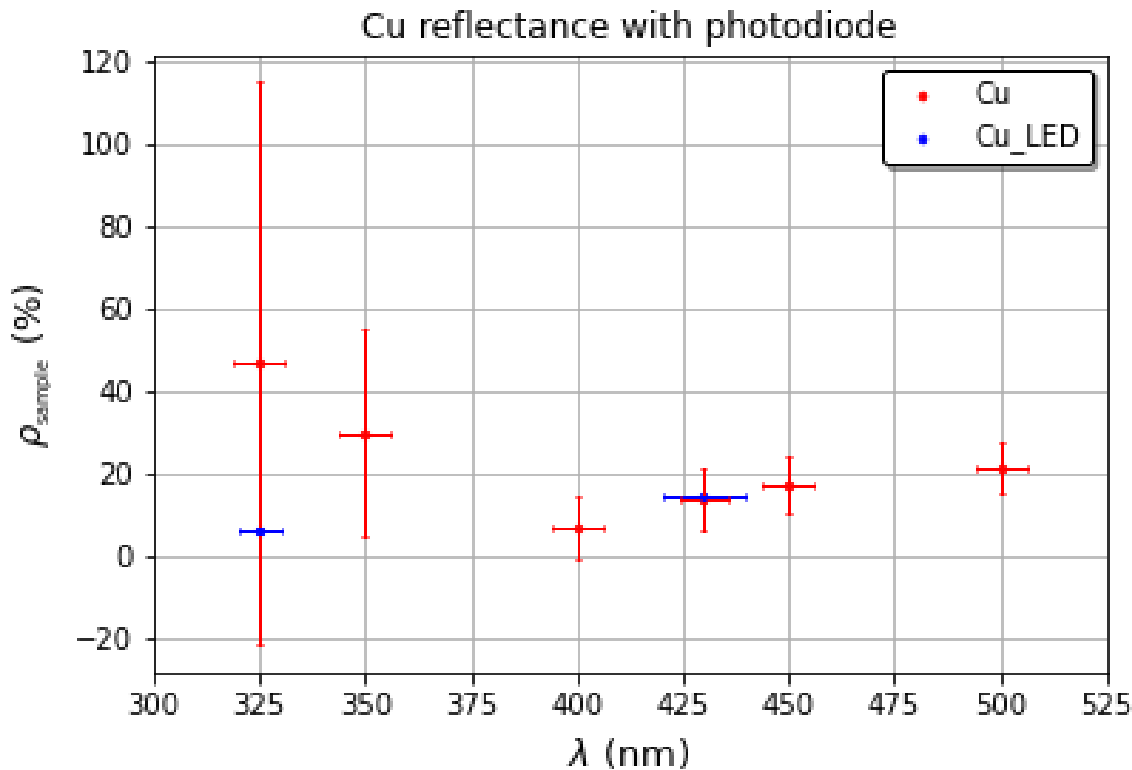
- We expected to take the measurements with the PMT.
- Photodiode instead of the PMT.

Results



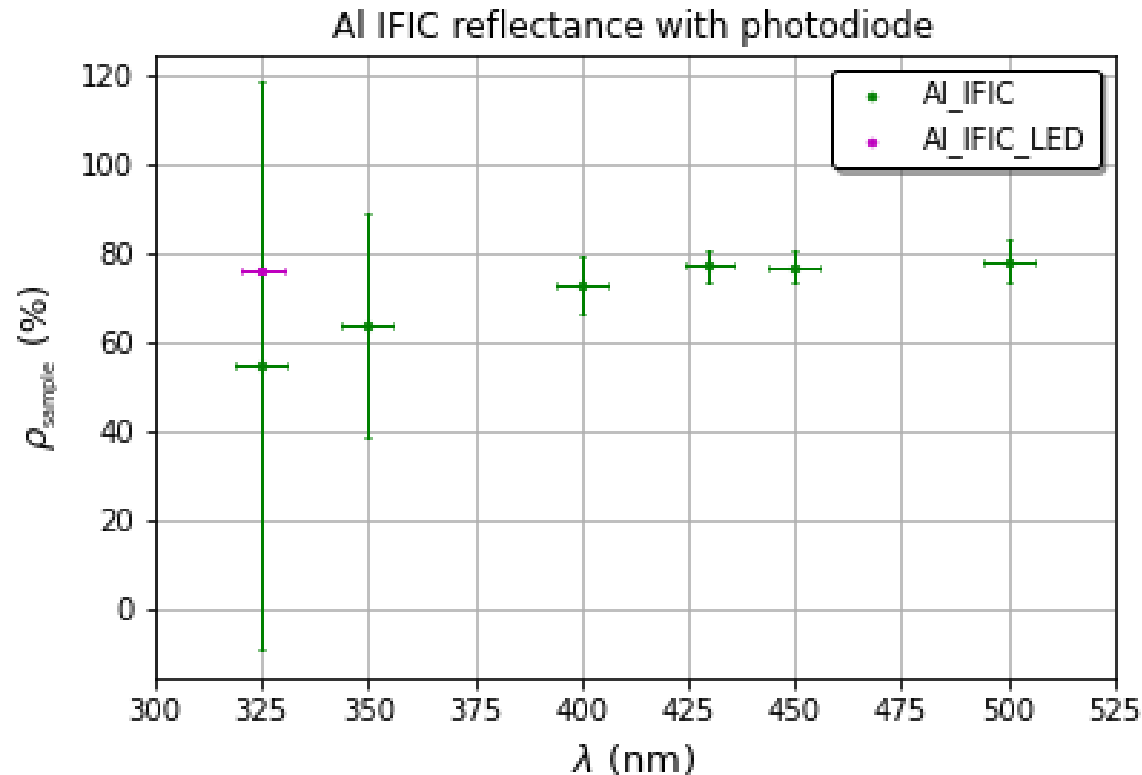
- Measurements with photodiode.
- High uncertainty at 325 & 350 nm.
- Errors computed with a gaussian distr.
- It should be a binomial distr.
- LED has low reflectance uncertainty.

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Next steps

- Measurements with a clean Cu.
- Remove the sphere stand to test the PMT.

We cannot put here the PMT. We tried to put it in the port below but it is not suitable.

