Status of DF and WLS for the VD-Module-0

C. Cattadori 02/12/2022





WLS

- 6 x (607 x 607 x 4) mm3 ready for shipment at CERN Prevessin
- Flat edges (no divot/dimples): this following the results of accurate study: PDE meas (see C. Brizzolari's talk) performed at INFN-MiB in high purity LAr with ionizing particles https://indico.fnal.gov/event/57277/contributions/255133/attachm

ents/161904/213817/20221122_MiB_PhCollector.pdf

- Laser cut and edge polished
- Produced (not yet cut): ~12 plates
- Divot design of the next plates: tbd



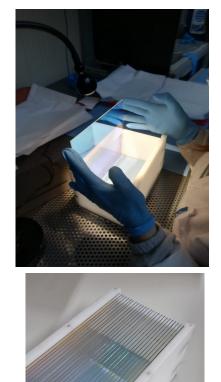


Dichroic Filters: ZAOT production

- 120 x (202 x 97.5 x 1.1) mm3 glasses with dichroic ML produced and delivered in two batches at Campinas. For technical details https://indico.fnal.gov/event/57277/contributio ns/255135/attachments/161903/213816/Repo rt%20from%20ZAOT%20for%20Module-0-1.p df
 - 1st batch arrived in Campinas on 30-Nov
 - 2nd batch arrived today

22/11/2022 - PhCollector meeting

- a set of 6 x (100 x 77) mm2 delivered for PDE meas @MiB
- The T curves measured in H2O at d7 AOI have been shared in the WG. No feedback





The DF at the Campinas pTP evaporation facility

The pTP evaporation will start soon



