

CACTUS Milano-Bicocca Status

CACTUS@MILANO-BICOCCA

DUNE Photosensor WG Meeting (DUNE-SP-PDS)

March 26th, 2024



- We are testing the sixth box:

| Delivery | Box | Tray | Status |
|----------|-----|-------|-------------|
| 2 | 9 | 1-24 | Completed |
| 2 | 12 | 73-96 | Completed |
| 3 | 14 | 1-24 | Completed |
| 4 | 20 | 49-72 | Completed |
| 4 | 21 | 73-96 | Completed |
| 6 | 28 | 49-72 | In progress |

} Shipped to Ciemat

- The measurements in the box #21:
 - Vbd in agreement with Hamamatsu data (~ 51 V).
 - The I-V measurements are good and in agreement with the 1st and 3rd thermal cycle.
 - DCR values are low (< 200 mHz/mm²) and without light problems inside the black box.
 - No noisy SiPMs were found in the box #21.
- We have uploaded the tables from box #14 to the DUNE database.