

## Memristor

User: Giorgos\_Psaltakis Device: dev1cell3pmmaeaold Area: 1.00 cm^2 "2024-02-28\_14.16.39\_Memristor\_dev1cell3pmmaeaold\_\_IV.txt" Cell area Temperature Cell name > Start Giorgos\_Psaltakis dev1cell3pmmaeaold 1 cm² 0°C + 🅦 🐚 Voltage 🦳 Current 🦳 Configure Waveform 1.5-1.4-1.3-1.2-1.1--400n Time settings -300n Sampling Time 1 ms -200n Voltage (V) -100n 900m -Acquisition settings 800m 700m Voltage Range 6 V 600m Current Range 1 µA Current Limit 1u A -200n 400m 300m Output settings -300n 100m DC Bias Voltage 0 V -400n Light settings 450 Time (ms) DC Light Bias 
Pulse Light R\_HRS R\_LRS 1-12.6k LED Ring 5.1k--12.8k 5k-0.000 -13k -13.2k 4.9k-0.8---13.2k
--13.4k Resistance LRS (Ohm) Resistance HRS (Ohm) 4.7k-4.6k-4.5k-4.4k-0.6-0.4-0.2-0.0--15k -15.2k -15.4k 4.2k--15.6k 0.5 0.525 0.625

