

## Memristor

User: Giorgos\_Psaltakis Device: dev1cell3pmmaeaold Area: 1.00 cm^2 "2024-02-28\_14.19.51\_Memristor\_dev1cell3pmmaeaold\_\_IV.txt" Cell name > Start Giorgos\_Psaltakis dev1cell3pmmaeaold 1 cm² + 🅦 🐚 Voltage 🦳 Current 🦳 Configure Waveform Time settings Sampling Time 4 ms -800n 950m 950m 940m 930m 920m -700n Acquisition settings -600n Voltage Range 6 V -500n **S** Current Range 1 µA -400n Current Limit 1u A Output settings DC Bias Voltage 0 V Light settings 1000 1250 1500 1750 2000 2250 2500 2750 3000 3250 3500 3750 4000 4250 4500 4750 5000 5250 5500 5750 6000 Time (ms) DC Light Bias 🔾 R\_HRS R\_LRS M Pulse Info -185-LED Ring -190-Туре 400 Enable -195--390 **Resistance\_LRS (** Frequency 10Hz Resistance\_HRS (Ohm) Amplitude (a.u.) 1 -205-50 % Duty Cycle -360 **(Ohm)** -220 350 -340 -230-

