

Visible Spectrum Calibration

LED Color

Red (620 - 750 nm)▼

Custom Wavelength (nm)

E.g: 500

Wavelength (nm)

620 nm (Red)▼

Voltage without Material (V)

2.386

Voltage with Material (V)

2.430

Potentiometer Resistance (Ω)

10240

Add Data

Reset Data

Export to CSV

Export to Excel

LED Preview



Experiment Results

LED Color	Wavelength (nm)	Voltage without Material (V)	Voltage with Material (V)	Resistance (Ω)	Difference (V)	Digital Value
Red	620	2.386	2.117	10240	0.27	656
Red	620	2.386	2.169	10240	0.22	672
Red	620	2.386	2.318	10240	0.07	719
Red	620	2.386	2.284	10240	0.10	708
Red	620	2.386	2.43	10240	-0.04	753