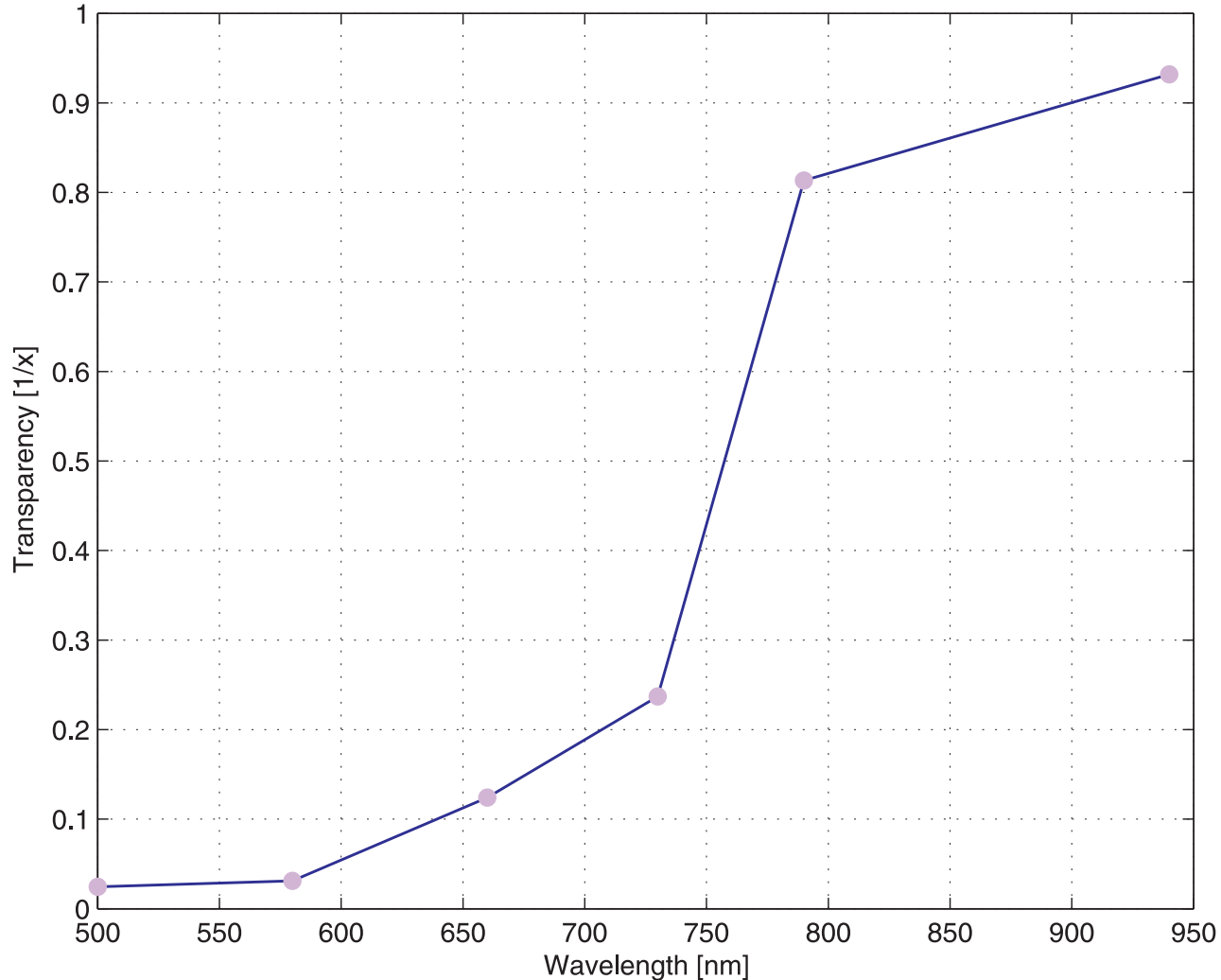
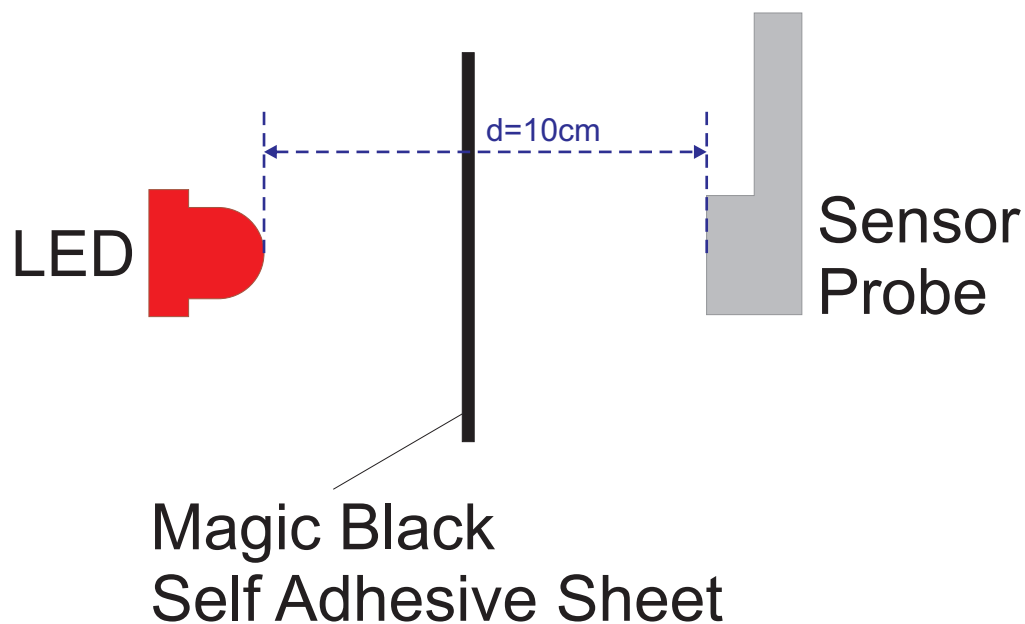


Infrared Magic Black Transparency vs. Wavelength



Measurement Device: Newport 2931 Optical Power Meter

Experiment Setup:



LEDs:

- 1: 500nm (Green)
- 2: 580nm (Yellow)
- 3: 660nm (Red)
- 4: 730nm (NIR)
- 5: 790nm (NIR)
- 6: 940nm (IR)

Procedure:

- 1) Mount LED X
- 2) Take measurement (A) with MB sheet
- 3) Take measurement (B) without MB sheet
- 4) Transparency for LED X is A/B