

Build a Spectroscope

Data Table

| Type and Location of Light Source | Color of Light Source | Spectrum |
|-----------------------------------|-----------------------|----------|
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Post-Lab Questions (Answer the following questions in the space below.)

1. Which light sources appear to produce a continuous spectrum?

2. Do all of the colors of light in the continuous spectra have equal width? Describe any differences.

3. Which light sources appear to produce line emission spectra? (Some may show bright emission lines superimposed on a continuous spectrum.)