

CHAPTER OVERVIEW

2: Light

Chapter 2 centers on the nature of light, which is humanity's primary source of information about the Universe. It discusses the dual nature of light as both a particle and a wave; the relationship between wavelength, frequency, and speed; the wavebands of the electromagnetic spectrum; and continuum and line spectra.

[2.0: Light Introduction](#)

[2.1: The Wave Nature of Light](#)

[2.2: The Particle Nature of Light](#)

[2.3: The Electromagnetic Spectrum](#)

[2.4: What a Spectrum of Light Can Tell Us About Matter](#)

[2.5: Continuous Spectra - a Planck Spectrum Tells us the Temperature of Objects](#)

[2.6: Lines Spectra- Emission and Absorption Lines](#)

[2.7: Determining the Composition of an Unknown Gas](#)

[2.8: Wrapping It Up 2 - The Properties of Light](#)

[2.9: Mission Report 2 - The Properties of Light](#)

This page titled [2: Light](#) is shared under a [CC BY-NC-SA](#) license and was authored, remixed, and/or curated by [Kim Coble](#), [Kevin McLin](#), & [Lynn Cominsky](#).