

Describe the relationship between the color change of the filament with temperature, and the colors in the observed spectrum of white light.

Answer:

Light energy is a form of electromagnetic radiation and is found in a segment of the (EM) electromagnetic spectrum. Generally, Figure 1 describes dependence of the color on the light temperature.

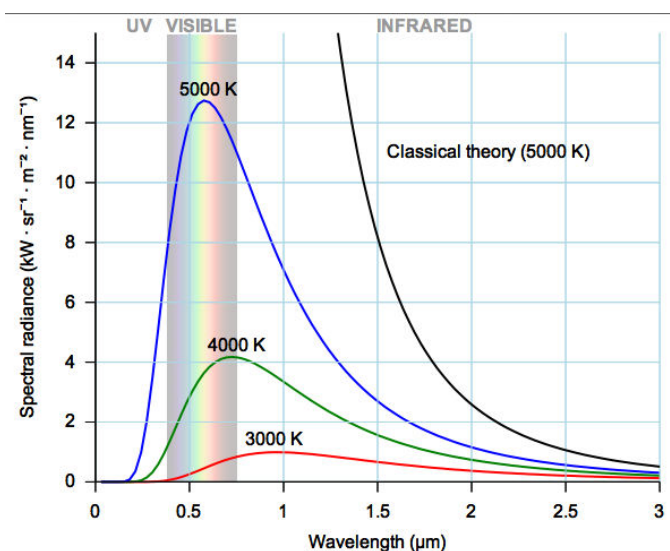


Figure 1 – Dependence of the color on the light temperature¹

Answer provided by www.AssignmentExpert.com

¹ https://commons.wikimedia.org/wiki/File:Black_body.svg#mediaviewer/File:Black_body.svg