

Thermal Radiation

Two laws of thermal radiation are expressed as:

$$L = \sigma A T^4$$

$$\lambda_{\max} T = 2.9 \times 10^6 \text{ nanometers Kelvin}$$

$$\lambda_{\max} T = 2.9 \times 10^3 \text{ micrometers Kelvin}$$

$$\lambda_{\max} T = 2.9 \text{ millimeters Kelvin}$$

$$\lambda_{\max} T = 0.0029 \text{ meters Kelvin}$$