
Example

Consider a large, isothermal enclosure that is maintained at a uniform temperature of 2000 K.

- Calculate the emissive power of the radiation that emerges from a small aperture on the surface.
- What is the wavelength below which 10% of the emission is concentrated?
- What is the wavelength above which 10% of the radiation is concentrated?
- Determine the maximum spectral emissive power and the wavelength at which it occurs.

