$$B_\lambda(T) = \frac{2hc^2/\lambda^5}{e^{hc/\lambda kT} - 1}$$

Integrated energy per second over a wavelength range

$$\mathrm{W/m^2} = (\pi) \int_{\lambda_2}^{\lambda_1} \frac{2hc^2/\lambda^5}{e^{hc/\lambda kT} - 1} d\lambda$$