$$I(\lambda) = \frac{\alpha \lambda^{-5}}{e^{5/\lambda} - 1}$$

$$\frac{\partial \mathcal{I}}{\partial \lambda} = \frac{(e^{b/\lambda} - 1)(-5a\lambda^{-b}) - (-\frac{b}{\lambda^2} e^{b/\lambda})(a\lambda^{-5})}{(e^{b/\lambda} - 1)^2}$$

More or min @
$$\frac{\partial \lambda}{\partial L} = 0$$

$$0 = 5e^{-hc/k_BT\lambda} + \frac{hc}{k_BT\lambda} - 5$$