

- 36 A sodium lamp is rated at 40W. Of the power supplied, 12% is emitted as yellow light of wavelength 5.9×10^{-7} m.

How many quanta of yellow light are emitted per second from this lamp?

- A 1.4×10^{19} B 1.2×10^{20} C 3.6×10^{27} D 1.0×10^{40}