**spectral photon flow, \( \Phi_{p,\lambda} \)**

The photon flow, \( \Phi_p \), at wavelength \( \lambda \) per unit wavelength interval. The SI unit is \( \text{s}^{-1} \text{m}^{-1} \), but a commonly used unit is \( \text{s}^{-1} \text{nm}^{-1} \). Alternatively, the term can be used with the amount of photons (mol or its equivalent einstein), the SI unit then being \( \text{mol s}^{-1} \text{m}^{-1} \) and the common unit \( \text{mol s}^{-1} \text{nm}^{-1} \).

**Source:**
PAC, 1996, 68, 2223 (Glossary of terms used in photochemistry (IUPAC Recommendations 1996)) on page 2275