

photon flow, Φ_p

The number of photons (quanta, N) per unit time. ($\frac{dN}{dt}$, simplified expression: $\Phi_p = \frac{N}{t}$ when the number of photons is constant over the time considered). The SI unit is s^{-1} . Alternatively, the term can be used with the amount of photons (mol or its equivalent einstein), the SI unit then being mol s^{-1} .

See: spectral photon flow

See also: radiant power

Source:

PAC, 1996, 68, 2223 (*Glossary of terms used in photochemistry (IUPAC Recommendations 1996)*) on page 2263