

fluence, F , Ψ , H_0

At a given point in space, the radiant energy incident on a small sphere divided by the cross-sectional area of that sphere. It is used in photochemistry to specify the energy delivered in a given time interval (for instance by a laser pulse).

See also: dose, photon fluence

Source:

Green Book, 2nd ed., p. 31

ISO 31-5: 1992 (*Quantities and Units - Part 5: Electricity and Magnetism.*)

See also:

PAC, 1996, 68, 2223 (*Glossary of terms used in photochemistry (IUPAC Recommendations 1996)*) on page 2242