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dose

Energy or amount of photons absorbed per volume (or per mass) by an irradiated object during a particular exposure time. SI units are J m^{-3} or J g^{-1} and mol m^{-3} or mol g^{-1}, respectively. Common units are einstein m^{-3} or einstein g^{-1}, respectively.
Note:
In medicine and in some other research areas (e.g., photopolymerization and water purification through irradiation) dose is used in the sense of exposure, i.e., the energy or amount of photons per surface area (or per volume) impinging upon an irradiated object during a particular exposure time. This use is not recommended. The terms photon exposure and radiant exposure are preferred.

Source:
PAC, 2007, *79*, 293 *(Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006))* on page 326
See also: UV dose, einstein
This definition supersedes an earlier definition of dose.

