doi:10.1351/goldbook.R05039

radiant energy, Q

The total energy emitted, transferred or received as radiation in a defined period of time ($Q = \int Q_\lambda \mathrm{d}\lambda$). It is the product of radiant power, P, and time, t: $Q = P\,t$ when the radiant power is constant over the time considered.

Source:
PAC, 1996, *68*, 2223 *(Glossary of terms used in photochemistry (IUPAC Recommendations 1996))* on page 2268
PAC, 1996, *68*, 957 *(Glossary of terms in quantities and units in Clinical Chemistry (IUPAC-IFCC Recommendations 1996))* on page 988
Green Book, 2nd ed., p. 30
ISO 31-5: 1992 *(Quantities and Units - Part 5: Electricity and Magnetism.)*

