

spectral fluence rate, $E_{\lambda,0}$

Derivative of fluence rate, E_0 , with respect to wavelength, λ . SI unit is W m^{-3} ; common unit is $\text{W m}^{-2} \text{nm}^{-1}$.

Note:

All spectral terms may also be defined as derivatives with respect to frequency, ν , or wavenumber, $\tilde{\nu}$, and are referred to, when necessary, as in terms of wavelength, or frequency or wavenumber, respectively.

Source:

PAC, 2007, 79, 293 (*Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)*) on page 423