doi:10.1351/goldbook.S05820

spectral photon flow, $\Phi_{p\lambda}$

The photon flow, Φ_p, at wavelength λ per unit wavelength interval. The SI unit is $s^{-1}\ m^{-1}$, but a commonly used unit is $s^{-1}\ nm^{-1}$. Alternatively, the term can be used with the amount of photons (mol or its equivalent einstein), the SI unit then being $mol\ s^{-1}\ m^{-1}$ and the common unit $mol\ s^{-1}\ nm^{-1}$.

Source:
PAC, 1996, *68*, 2223 *(Glossary of terms used in photochemistry (IUPAC Recommendations 1996))* on page 2275

