spectral sensitivity, $S(\lambda)$

Referred to actinometers based on spectrophotometric measurements, $S_{ac}(\lambda) = \Phi(\lambda)\,\varepsilon(\lambda_{obs}) =$ sensitivity or actinometric factor. $\Phi(\lambda)$ is the quantum yield of the actinometer at the excitation wavelength and λ_{obs} is the observation wavelength, which may be the same as or differ from the former.

Source:
PAC, 2007, *79*, 293 *(Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006))* on page 426