spectral radiant power, \( P_\lambda \)

The radiant power at wavelength \( \lambda \) per unit wavelength interval. The SI unit is \( \text{W m}^{-1} \), but a commonly used unit is \( \text{W nm}^{-1} \).

Source:
PAC, 1996, 68, 2223 (Glossary of terms used in photochemistry (IUPAC Recommendations 1996)) on page 2276

See also:
PAC, 1985, 57, 105 (Names, symbols, definitions and units of quantities in optical spectroscopy (Recommendations 1984)) on page 112