$Z_{50}$

*of a photochromic system*

Number of cycles required to reduce by 50 % the initial absorbance of the coloured form of a photochromic compound at a specific wavelength.

**Source:**
PAC, 2007, 79, 293 (Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)) on page 441