

Source of uncertainty	Relative uncertainty (%)
Uncertainty of the calibration of the travelling reference provided by the manufacturer	5 (Lakkala et al., 2005)
Drift of the calibration of the reference instrument between calibration	3
Uncertainty of the transfer of the scale of irradiance	2.4 (Lakkala et al., 2005)
Drift of the calibration of the site instrument between calibrations	5
Uncertainty of calculating the erythemal irradiance	5 (Dahlback, 1996)
Combined uncertainty	9.5
Expanded uncertainty	19