

QASUME Source of uncertainty in measured $E(\lambda)$	Standard uncertainty %	Correlation fraction		
		Full	Unfavourable	Random
Radiometric calibration	0.55	$1/\sqrt{3}$	$1/\sqrt{3}$	$1/\sqrt{3}$
250 W lamp stability	0.14	1	0	0
Non-linearity	0.25	0	1	0
Stability	0.60	1	0	0
Temperature dependence	0.20	1	0	0
Measurement noise	0.20	0	0	1
Wavelength shift	0.10	0	1	0
Combined uncertainty ($k = 1$)	0.91 %	0.72 %	0.42 %	0.38 %