

BTS	Standard uncertainty %	Correlation fraction		
		Full	Unfavourable	Random
Source of uncertainty in measured $E(\lambda)$				
Radiometric calibration	0.80	$1/\sqrt{3}$	$1/\sqrt{3}$	$1/\sqrt{3}$
250 W lamp stability	0.20	1	0	0
Non-linearity	0.40	0	1	0
Stability	0.80	1	0	0
Temperature dependence	0.10	1	0	0
Measurement noise	0.20	0	0	1
Wavelength shift	0.10	0	1	0
Combined uncertainty ($k = 1$)	1.24 %	0.95 %	0.62 %	0.50 %