

Spectral band	TOA irradiance W m^{-2}	TOA irradiance $\mu\text{mol m}^{-2} \text{s}^{-1}$	Ratio to total irradiance	Unit conversion coefficient	Final coefficient, including unit conversion	Thresholds
Total irradiance	1365.780	–	1	–	1	27 W m^{-2}
Broadband 400–1100 nm	908.205	–	0.665	–	0.665	18 W m^{-2}
UVB	20.386	–	0.0149	–	0.0149	0.4 W m^{-2}
UVA	65.355	–	0.0479	–	0.0479	1.3 W m^{-2}
400–700 nm	534.311	2432.153	0.39121	4.552	1.7808	$48 \mu\text{mol m}^{-2} \text{s}^{-1}$
510–700 nm	327.785	1644.228	0.24000	5.016	1.2039	$33 \mu\text{mol m}^{-2} \text{s}^{-1}$
600–700 nm	160.760	870.742	0.11771	5.416	0.6375	$17 \mu\text{mol m}^{-2} \text{s}^{-1}$
660 nm	131.406	701.406	0.09621	5.338	0.5136	$14 \mu\text{mol m}^{-2} \text{s}^{-1}$
730 nm	95.673	578.752	0.07005	6.049	0.4238	$11 \mu\text{mol m}^{-2} \text{s}^{-1}$