

$$U(\theta) \text{ or } R(\theta) = (a + c\theta^2 + e\theta^4)/(1 + b\theta^2 + d\theta^4 + f\theta^6) \quad r^2 > 0.9999$$

Action spectra	$U(\theta)$ (W m^{-2})	$R(\theta)$
CIE erythematol U_{ERY} & R_{ERY}	$a = 0.4703918683355716$ $b = 0.0001485533527344676$ $c = -0.0001188976502179551$ $d = 1.915618238117361\text{E}-08$ $e = 7.693069873238405\text{E}-09$ $f = 1.633190561844982\text{E}-12$	$a = 1.203020609002682$ $b = -0.0001035585455444773$ $c = -0.00013250509260352$ $d = 4.953161533805639\text{E}-09$ $e = 1.897253186594168\text{E}-09$ $f = 0.0$