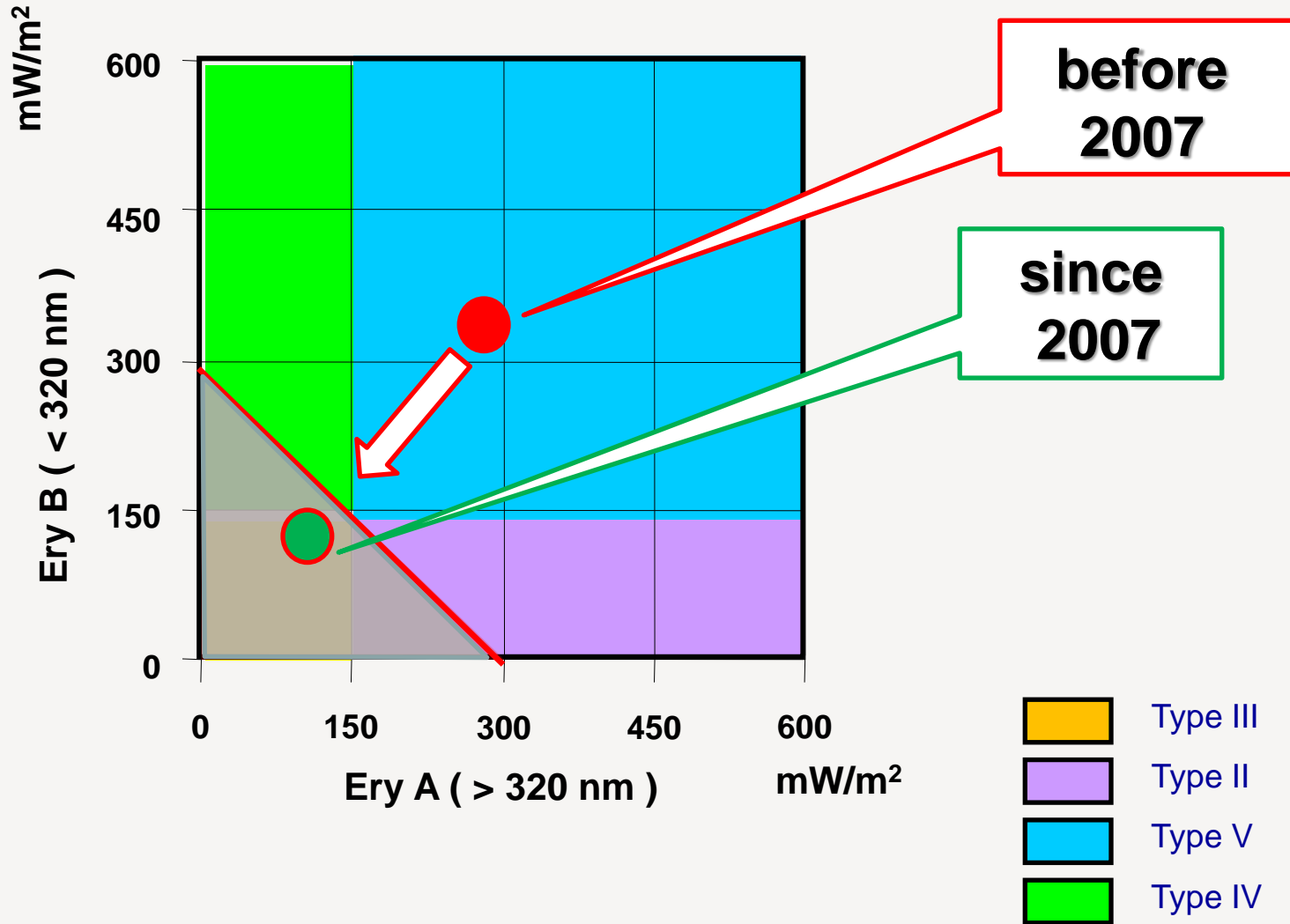
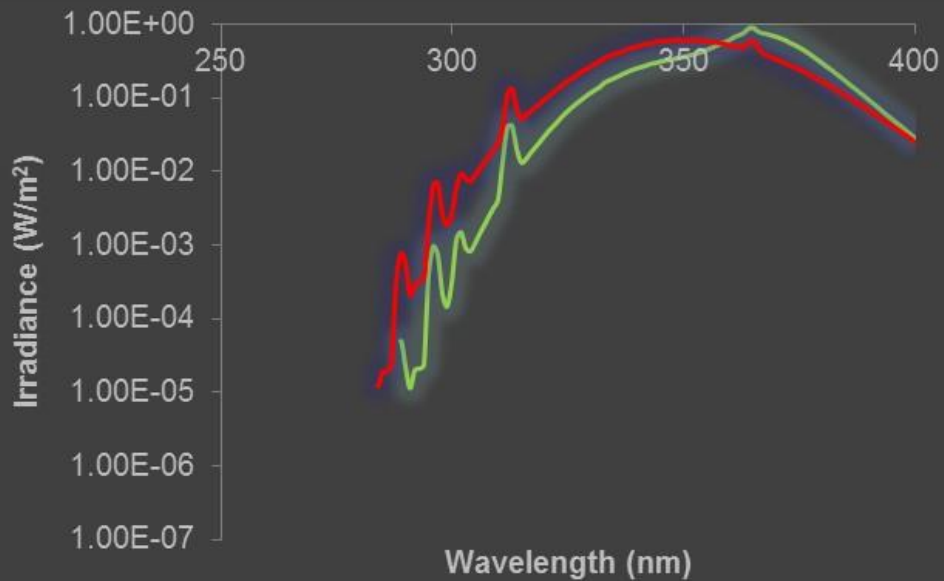


Sunbed Erythema readings before and after 2007

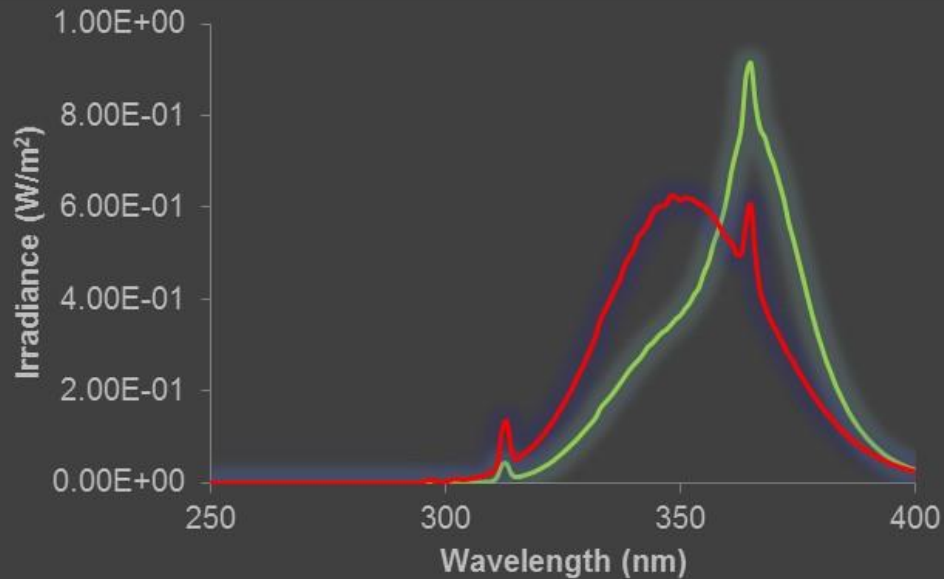


Tanning spectral distribution curves

Logarithmic scale



Linear scale

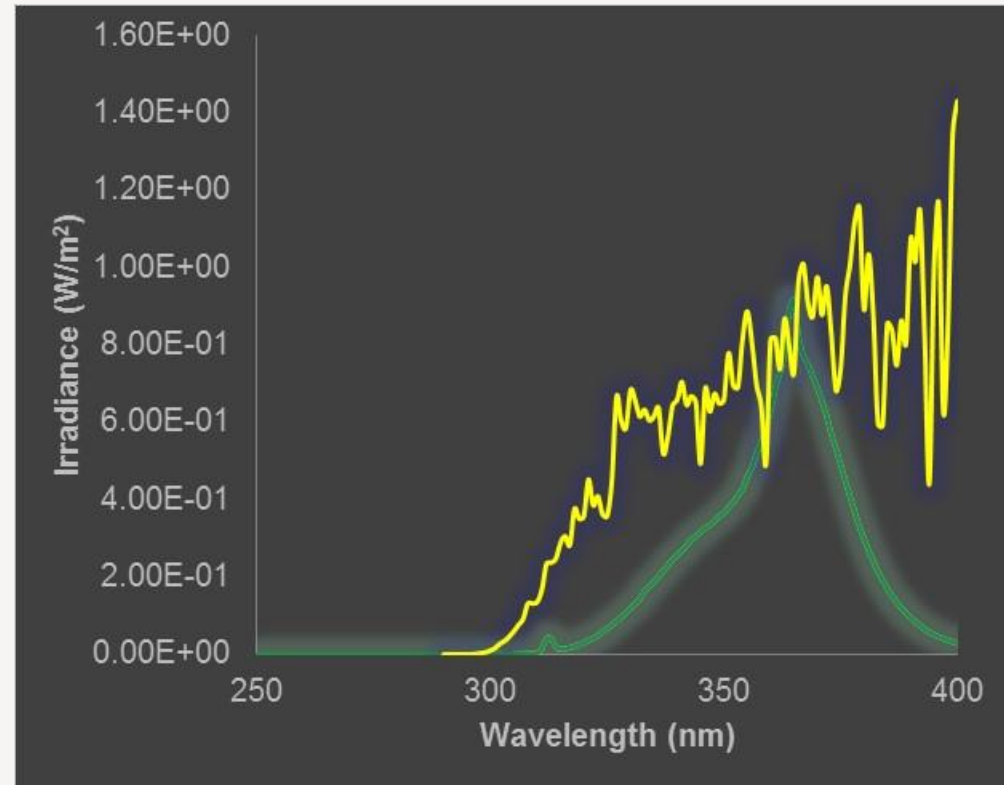
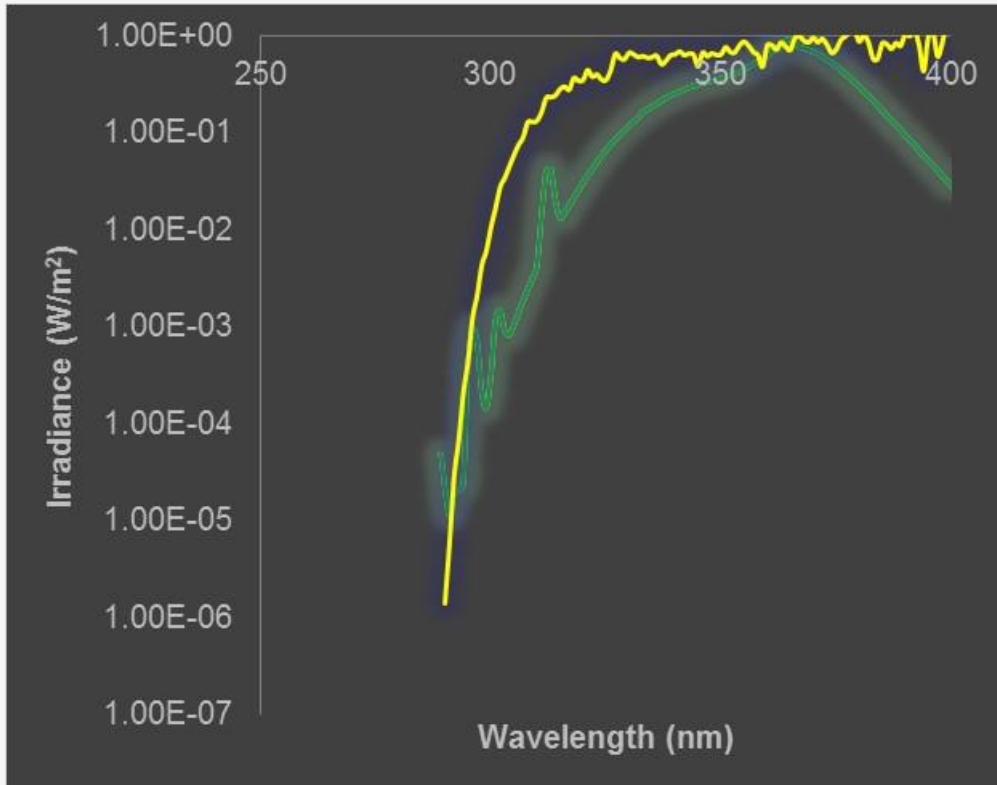


Before 2007 Since 2007



	Before 2007	Since 2007
UV-B in W/m² (≤315 nm)	0.56	0.15
B/A in %	2.12%	0.60%
SEF in % (280-400 nm)	30.1%	9.2%
Erythema A (>320 nm)	0.021057	0.014684
Erythema B (≤320 nm)	0.069209	0.013027
Erythema Sum (250-400 nm)	0.090267	0.027710
NMSC A (>320 nm)	2.042E-02	1.395E-02
NMSC B (≤320 nm)	1.344E-01	2.820E-02
NMSC B / NMSC A	6.58	2.02

Comparison to Sun



Tanning lamps went through major improvement since 2007 and now they provide more natural, gentle tanning

Reference Sun
(DIN67501)



0.3W/² spectral
distribution

