

Evaluation of UV spectra, V1, 2009-10-16/Bp

	Studio 6	Studio6 (Extreme200W)
UVC, W/m²	0.000	
UVB 315nm, W/m ²	6.214	
UVA 315nm, W/m ²	365	
UVB 320nm, W/m ²	10.439	
UVA 320nm, W/m ²	360	
Erythem, W/m²	0.953	
CIE S009 aktinisch, W/m ²	0.281	
NMSC, W/m ²	1.618	
Erythem (UVC), W/m ²	0.000	
Erythem (UVB,315nm), W/m ²	0.680	
Erythem (<= 315nm), W/m ²	0.680	
Erythem (> 315nm), W/m ²	0.327	
NMSC (UVC), W/m ²	0.000	
NMSC (UVB, 320nm), W/m ²	1.358	
NMSC (<= 320nm), W/m ²	1.358	
NMSC (> 320nm), W/m ²	0.260	
NMSC W/m ²	1.618	
ratio UVA/UVB 315nm	59	
ratio UVB/UVA, 315 nm	1.7%	
ratio UVA/UVB 320nm	35	
ratio UVB/UVA, 320 nm	2.9%	
ratio >320nm to <=320nm, Erythem	0.5	
ratio >320nm to <=320nm, NMSC	0.2	
ratio <=320nm to >320nm, NMSC	5.2	
Sonnenerythemfaktor (SEF, ref. 0.3W/m ²)	3.2	
UV-Index	38.1	
t_max skin2-4 initial (0.4 MED 100 J/m ²)	1 min 44 s	
t_max skin1 (0.8 MED 200 J/m ²)	3 min 29 s	
t_max skin2 (1 MED 250 J/m ²)	4 min 22 s	
t_max skin3 (1.4 MED 350 J/m ²)	6 min 7 s	
t_max skin4 (1.8 MED 450 J/m ²)	7 min 52 s	
t_max (CIE S009, aktinisch, 30J/m ²),s	107	
t_max (CIE S009, UVA eye, 10kJ/m ²), s	27	
Solarium Type	!!!!	
Erythem UVBC < 0.0005	FALSO	
Erythem UVBC 0.0005 < x < 0.15	FALSO	
Erythem UVBC < 0.15	FALSO	
Erythem UVBC <=0.15	VERO	
Erythem UVA >=0.15	VERO	
Erythem UVA <0.15	FALSO	
Gigahertz, UVB erythem , W/m ²	0.62	
Gigahertz, UVA erythem , W/m ²	0.332	
Gigahertz, erythem , W/m ²	0.952	
ratio spectral/integral UVB erythem	1.10	
ratio spectral/integral UVA erythem	0.99	
ratio spectral/integral erythem	1.00	
Gigahertz, UVB , W/m ²		
Gigahertz, UVA , W/m ²		
ratio spectral/integral UVB		
ratio spectral/integral UVA		