

Differences in the Effects of Broad-Band UVA and Narrow-Band UVB on Epidermal Keratinocytes

Robert Bajgar ^{1,2,*}, Anna Moukova ¹, Nela Chalupnikova ¹ and Hana Kolarova ^{1,2}

¹ Department of Medical Biophysics, Faculty of Medicine and Dentistry, Palacky University in Olomouc, Hnevotinska 3, 775 15 Olomouc, Czech Republic; anna.moukova01@upol.cz (A.M.); nela.chalupnikova01@upol.cz (N.C.); hana.kolarova@upol.cz (H.K.)

² Institute of Molecular and Translational Medicine, Faculty of Medicine and Dentistry, Palacky University in Olomouc, Hnevotinska 3, 775 15 Olomouc, Czech Republic

* Correspondence: robert.bajgar@upol.cz; Tel.: +420-585-632106

Supplementary Materials: Spectral radiation distribution of the used UV sources

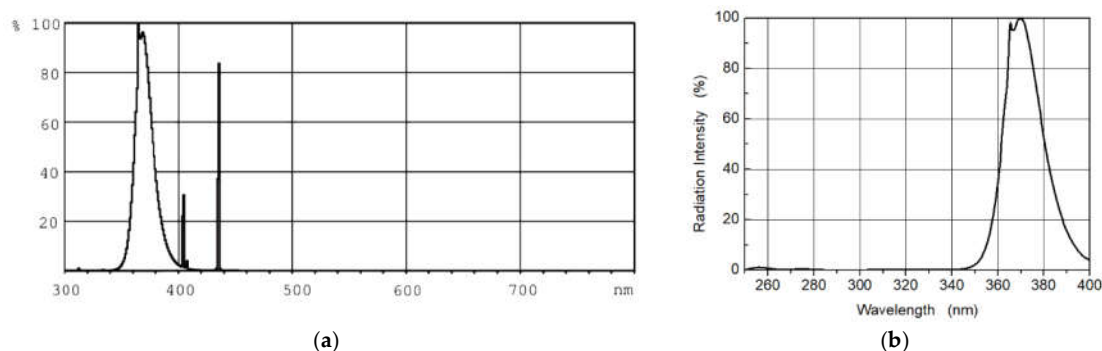


Figure S1. Spectral radiation intensity distribution of the broad-band UVA source: (a) declared by the manufacturer (<https://www.assets.signify.com/is/content/PhilipsLighting/fp927903421007-pss-global>); (b) measured by the spectrofluorometer FLS980 (Edinburgh Instruments, UK)

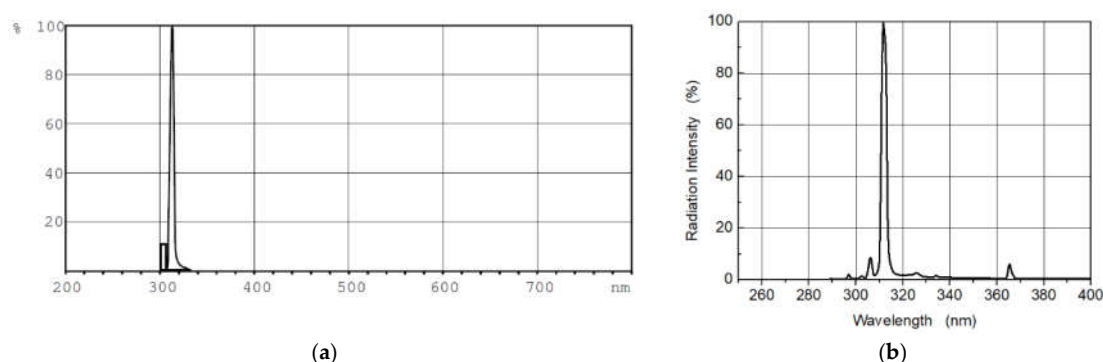


Figure S2. Spectral radiation intensity distribution of the narrow-band UVB source: (a) declared by the manufacturer (<https://www.assets.signify.com/is/content/PhilipsLighting/fp927903400121-pss-global>); (b) measured by the spectrofluorometer FLS980 (Edinburgh Instruments, UK)