Supplementary Materials

The effect of white light spectrum modifications by excess of blue light on the frost tolerance, lipid- and hormone composition of barley in the early pre-hardening phase

Mohamed Ahres, Tamás Pálmai, Teréz Kovács, László Kovács, Jozef Lacek, Radomíra Vanková, Gábor Galiba, Péter Borbély

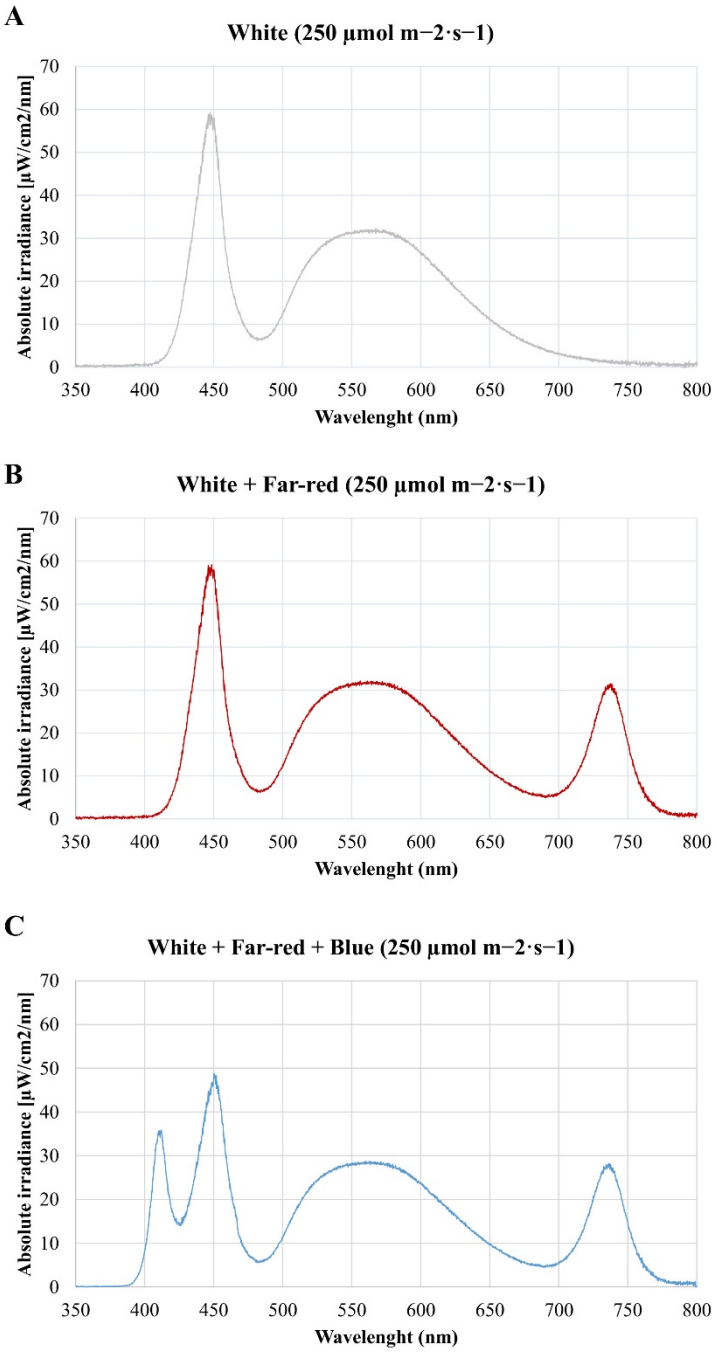

Figure S1: Spectral composition of modulated light treatments at 250 µmol m−2·s−1 intensity. A) the spectral composition of the white light, B) the spectral composition of white light supplemented by far-red light, C) the spectral composition of white light supplemented with far-red and monochromatic blue (410nm) light.

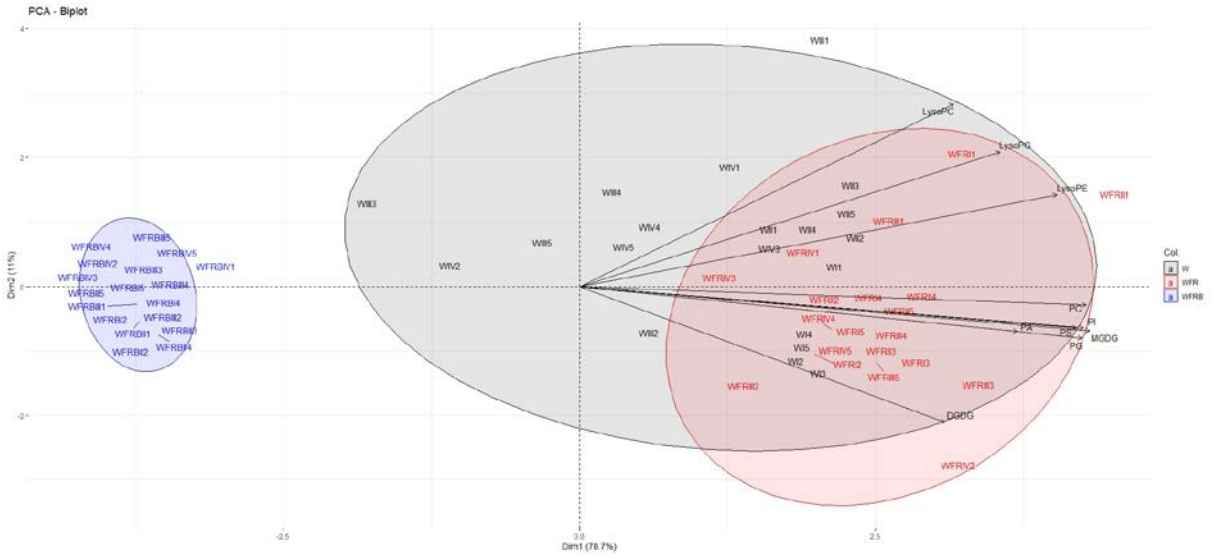

Figure S2: Principal component analysis on lipid classes under different light compositions. Grey circle: white light, Red circle: far-red-enriched white light, Blue circle: far-red and blue enriched white light. The statistical analyses were performed in R statistical computing environment using the following packages: “ggplot2”, “factoextra” and “agricolae”.