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2 **Supplemental Figure 1.** Optical properties including absorbance (A); transmittance (B) and  
 3 reflectance (C) of leaves grown under the four different light regimes square wave high light (SQH);  
 4 fluctuating high light (FLH); square wave low light (SQL) and fluctuating low light (FLL). Error bars  
 5 represent mean  $\pm$  SE. n = 10. Letters represent the results of Tukey's post-hoc comparisons of group  
 6 means.

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