

Table S1 - Significance of statistical differences in Physiological parameters in potato plants cv. ‘Colomba’ and ‘Libra’ grown under natural light (control, CNT) and natural light shaded at 30% and integrated with red and blue LED light at 1:1 (RB 1:1) and 2:1 (RB 2:1) ratios. Mean values $\pm$ Standard Errors; n=3. Different letters indicate significant differences according to Tukey's multiple-range test ($p < 0.05$). ns: not significant; * $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$.

	Cultivar	DAS	Cultivar x DAS
NP	***	ns	***
gs	***	***	ns
E	***	***	ns
PSII	**	***	ns
ETR	ns	ns	ns
Fv/Fm	***	ns	ns
SPAD	***	***	ns