

Table 1S. The content and proportions of photosynthetic pigments in the first leaf of 9-day-old barley seedlings. WL, RL, and BL designate the plants grown under white light of fluorescent lamps and under red and blue light emitted by LEDs, respectively. 5hL – plants exposed to growth light for 5 h after the reference time point (0hD). Data are mean values obtained from four experiments, each made in duplicate $\pm$ SE. The same *letters* in each parameter indicate no significant differences at $P < 0.05$. Chl – chlorophyll, Car – carotenoids.

Growth light treatment	Pigment content, [mg dm ⁻²]					
	Chl <i>a</i>	Chl <i>b</i>	Chl (<i>a+b</i>)	Car	Chl <i>a/b</i>	Chl (<i>a+b</i>)/Car
WL 5hL	3.36 $\pm$ 0.14 ^a	1.14 $\pm$ 0.05 ^a	4.50 $\pm$ 0.17 ^a	0.83 $\pm$ 0.03 ^a	2.95 $\pm$ 0.03 ^a	5.47 $\pm$ 0.04 ^{ab}
RL 5hL	2.90 $\pm$ 0.06 ^b	0.92 $\pm$ 0.02 ^b	3.82 $\pm$ 0.08 ^b	0.70 $\pm$ 0.01 ^b	3.15 $\pm$ 0.02 ^b	5.45 $\pm$ 0.01 ^a
BL 5hL	2.81 $\pm$ 0.04 ^b	0.88 $\pm$ 0.01 ^b	3.69 $\pm$ 0.05 ^b	0.69 $\pm$ 0.01 ^b	3.17 $\pm$ 0.03 ^b	5.34 $\pm$ 0.03 ^b