

Table S3 Spectral data of various light treatments of pepper seedlings

PPFD ($\mu\text{molm}^{-2}\text{s}^{-1}$)	CK	B30	B60	UVA2	UVA6	FR20	FR30
PPFD (400~700 nm)	203.77	198.67	201.46	198.5	201.13	197.56	195.93
UV-A(380~399nm)	0.13	0.14	0.29	1.95	6.66	0.18	0.10
Blue (400~499 nm)	36.73	58.98	85.26	34.3	37.77	34.90	34.30
Green (500~599 nm)	47.19	46.93	39.04	52.98	47.30	53.72	53.42
Red (600~699 nm)	119.83	92.74	77.154	111.21	116.05	108.92	108.20
Far red (700~800 nm)	3.67	3.01	2.49	3.98	4.03	21.91	33.55
YPFD (400~700 nm)	179.94	172.12	170.25	176.81	176.99	175.14	173.79
R:FR	32.61	30.76	30.94	27.90	28.79	4.97	3.22
R:B	3.26	1.57	0.90	3.24	3.07	3.12	3.15