

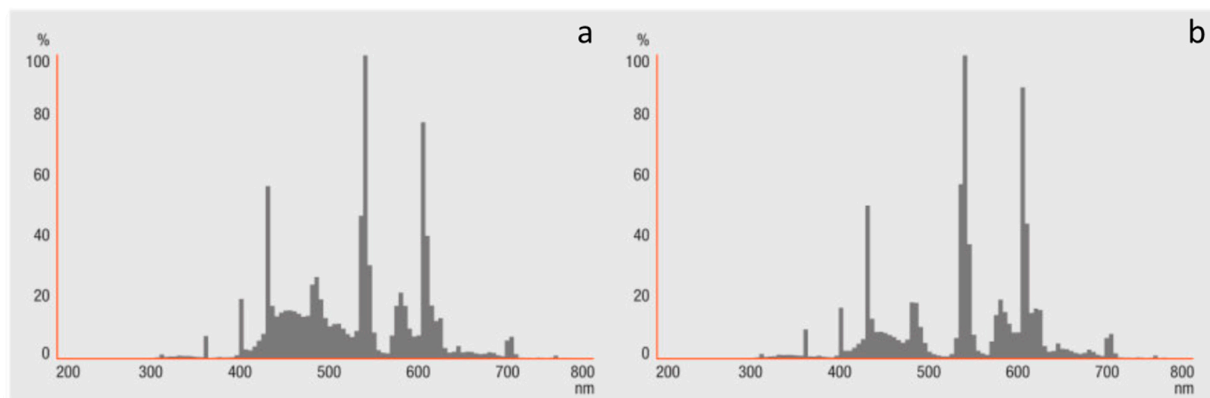
Supplementary Table S1. qPCR primers used in this study.

Gene name	Primer ID	5'-3' Sequence	Reference
Histone H3	MIH3F	TCCGTCGTTACCAAAAGTCG	Rodríguez-Pires et al. (2020)
	MIH3R	GGCGAGTTGGATGTCCTTAG	
MFCVVD1	Mfcvvd1F	ATTGCAGATTCCTACAACAGCC	This study
	Mfcvvd1R	GCTTGAAATCCGACCACATAAT	
MFCFAR1	Mfcfar1F	GGCTCTGGTAGTACCTCCACCC	This study
	Mfcfar1R	TCCACATAGATCCCACAAACCC	
MFCCRY1	Mfcry1F	CAATAGAGGAAGAGGTGGTGGAG	This study
	Mfcry1R	TTCCAGTTCGCAACTCCCTTC	
MFCCRY2	Mcry2F	TGGGCTTTATTGATGCCTCG	This study
	Mcry2R	CCTGCAACATATTGCCAATTACC	
MFCPHY1	Mphy1F	GGAGAAGAATGTGCAAGTGCCTA	This study
	Mphy1R	CGTTCGACAAGAGAGGCTGATAC	
MFCPHY2	Mphy2F	ATGGTCAAGGGCGATGCTACT	This study
	Mphy2R	GGCCAACACCGAGAGTCTCTC	
MFCOP1	Mop1F	TCTTCGCTGCTTACCACAACG	This study
	Mop1R	ACCTCAGAATCAACCGACCATG	
MFCOP2	Mop2F	CTAGCCAAGATTGGCTTCGGT	This study
	Mop2R	ATCGTTGGCAGGATTATTCGAG	
MFCVEL2	Mvel2F	CCAACTCATCGTGCTCCGTC	This study
	Mvel2R	CCTCGGCTACCATCCTTTCC	
MFCVEL4	Mvel4F	TGCCGACTTGTCGGTTCG	This study
	Mvel4R	TTGGCTAACAAGAGATTTGGCC	

Supplementary Table S2. Differentially expressed genes shared between samples from 5 minutes and 14h of illumination.

Upregulated genes		Downregulated genes	
Protein ID	Annotation	Protein ID	Annotation
MFRU_003g00560	pnl1	MFRU_003g05160	hypothetical protein MFRU_003g05160
MFRU_021g00620	far1	MFRU_028g00860	Oxidoreductases
MFRU_008g01270	HAD-superfamily class IIA hydrolase	MFRU_053g00330	Oxidoreductases
MFRU_003g04280	Unknown function	MFRU_036g00470	putative exo-beta glucanase protein
MFRU_002g03330	beta-sandwich domain of Sec23/24	MFRU_006g02210	Acting on a peroxide as acceptor
MFRU_071g00010	Choline dehydrogenase	MFRU_028g00160	putative epl1 protein
MFRU_005g02620	SUR7	MFRU_008g03590	Translocases
MFRU_003g01680	Cinnamyl alcohol dehydrogenases (CAD)	MFRU_032g00410	putative cnd3 protein
MFRU_031g00840	Taurine catabolism dioxygenase TauD	MFRU_050g00430	putative multicopper oxidase protein
MFRU_005g04180	Unknown function		
MFRU_071g00130	Unknown function		
MFRU_014g01250	Unknown function		
MFRU_063g00080	Taurine catabolism dioxygenase TauD		
MFRU_004g03450	Heat shock protein 9/12		
MFRU_008g00380	Unknown function		
MFRU_005g01380	Major Facilitator Superfamily		
MFRU_019g00940	pg6		
MFRU_028g01080	Lactonase, 7-bladed		
MFRU_037g00110	putative magnesium ion transporter protein		
MFRU_003g02440	cel1		
MFRU_013g00700	Unknown function		
MFRU_012g02510	putative alkyl hydroperoxide reductase subunit c		
MFRU_031g01060	putative xenobiotic compound family protein		
MFRU_009g02400	putative zinc-binding dehydrogenase protein		
MFRU_012g01220	putative histidine acid phosphatase protein		
MFRU_029g00280	D-threo-aldose 1-dehydrogenase		
MFRU_004g04290	Unknown function		
MFRU_002g03840	Unknown function		
MFRU_003g00720	Transferring one-carbon groups		
MFRU_024g00750	putative integral membrane protein		
MFRU_010g02220	Oxidoreductases		
MFRU_036g00130	Acting on ester bonds		
MFRU_019g01430	putative major royal jelly protein		

Supplementary Figure S1. Light wave composition of used light sources



(a) Osram36W/954 “daylight”, (b) Osram 58W/840 “Cool White”.

Supplementary Figure S2. Relative abundance of species encoding a Far1-like protein within Pezizomycotina classes.

