

Supplementary Materials

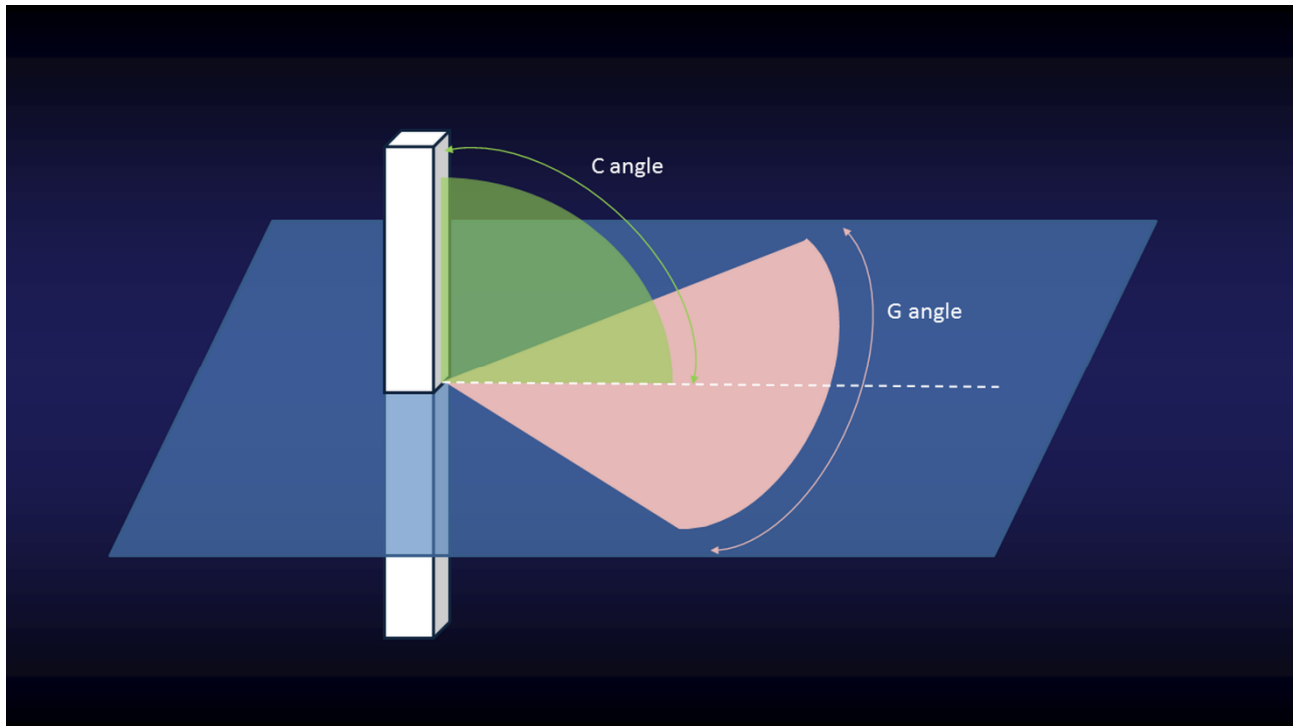


Figure S1. Graphical representation of G and C angles with respect to the lamp (white parallelepiped).

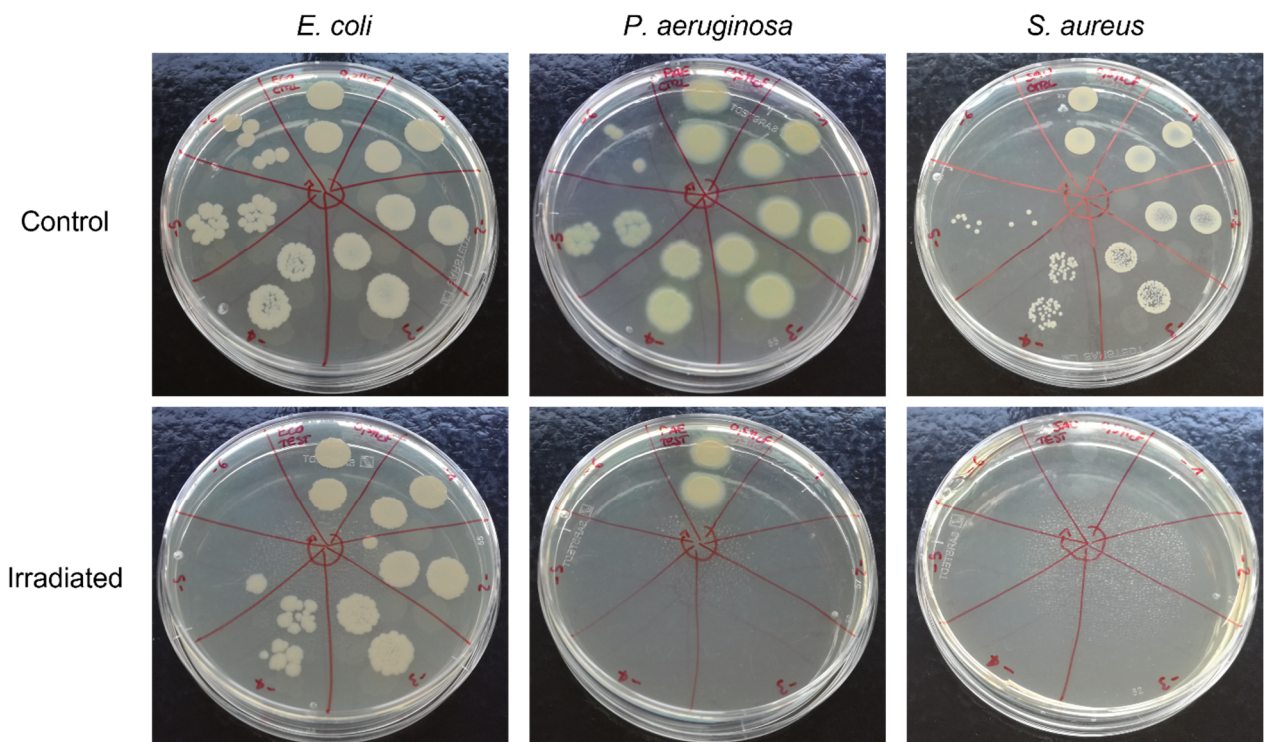


Figure S2. Representative pictures of plates irradiated for 24 hours at 1 meter distance from the UV-A source and control plates. Plates were divided in sections containing decreasing dilutions of bacterial suspensions (clockwise); each section contains 2 drops (20 μ l each) of the appropriate dilution.

Table S1. Reduction of bacterial populations at 50 cm distance from the UV-A source.

Reduction	8h		16h		24h	
	%	log	%	log	%	log
<i>E. coli</i>	7.95%	0	99.99%	4	99.9999%	6
<i>P. aeruginosa</i>	19.70%	0	99.9999%	6	>99.9999%	7
<i>S. aureus</i>	96.98%	1	>99.9999%	7	>99.9999%	7

Table S2. Reduction of bacterial populations after 24 hours UV-A irradiation.

Reduction	50 cm		100 cm		200 cm	
	%	log	%	log	%	log
<i>E. coli</i>	99.9999%	6	97.06%	1	10.95%	0
<i>P. aeruginosa</i>	>99.9999%	7	>99.9999%	6	>99.9999%	6
<i>S. aureus</i>	>99.9999%	7	>99.9999%	7	>99.9999%	7