

UV-MAX UVC Dose Guidelines

UVC Watt Output			ULTRA & MAX 320		MAX LP 240		ECO 175	
Feet From Target <small>(Max w/ Device Placed Center of Room)</small>	Room Dims	Square Foot of Room	Minutes to Kill Bacteria/ Virus	Minutes to Kill Spores	Minutes to Kill Bacteria/ Virus	Minutes to Kill Spores	Minutes to Kill Bacteria/ Virus	Minutes to Kill Spores
1			1	2	1	3	2	4
2			1	2	1	3	2	4
3			2	3	3	5	4	7
4	8 x 8	64	2	3	3	5	4	7
5	10 x 10	100	2	4	3	5	4	7
6	12 x 12	144	3	6	4	8	5	11
7	14 x 14	196	3	6	4	8	5	11
8	16 x 16	256	4	8	5	11	7	15
9	18 x 18	324	4	8	5	11	7	15
10	20 x 20	400	5	10	7	13	9	18
11	22 x 22	484	6	12	8	12	11	22
12	24 x 24	576	6	12	8	16	11	22

The above listed treatment times are based on widely acceptable inactivation dose levels of 50,000 $\mu\text{Ws}/\text{cm}^2$ (bactericidal) or 100,000 $\mu\text{Ws}/\text{cm}^2$ (sporicidal). It is offered as a reference point, in an empty space, using fresh lamps and does not account for objects physically blocking UV-C ray transmission.