



Ultra-Violet (UV) Levels in Common Light Sources

<u>Light Source</u>	<u>Typical UV microwatts per lumen</u> <u>(recommended UV at 100 lux is 75</u> <u>microwatts/lumen ($\mu\text{W/L}$))</u>
Direct or south sunlight	400
Overcast or North sunlight	800
Blue Sky	1600
Standard incandescent	60-80
Tungsten-halogen incandescent	130 (with glass filter)
Low Voltage incandescent	60-120
General fluorescent	40-250
Special low UV fluorescent	<10
From William Lull's text "given the goal of 100 lux (10 footcandles) at less than 75 $\mu\text{W/L}$: lighting at 300 lux should be less than 25 $\mu\text{W/L}$ to meet UV criteria; and lighting at 50 lux need only be less than 140 $\mu\text{W/L}$ to meet UV criteria.	