

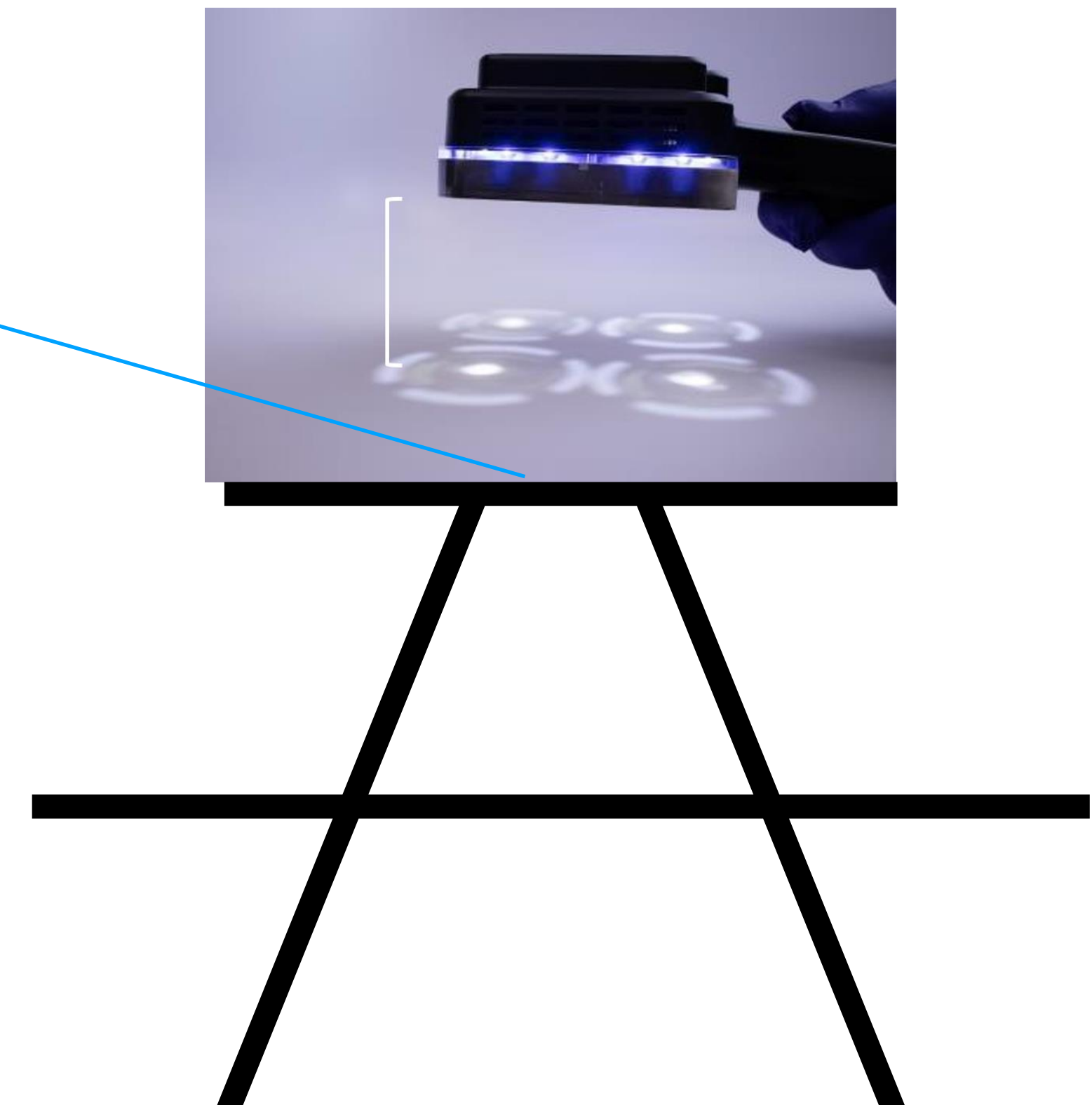
Safe Around Other People



At **3 feet away** from NuvaWave being used properly as a surface disinfection device, an **unprotected user** can **safely be exposed** to UVC **for between 1 to 60 minutes**, depending on surface materials.



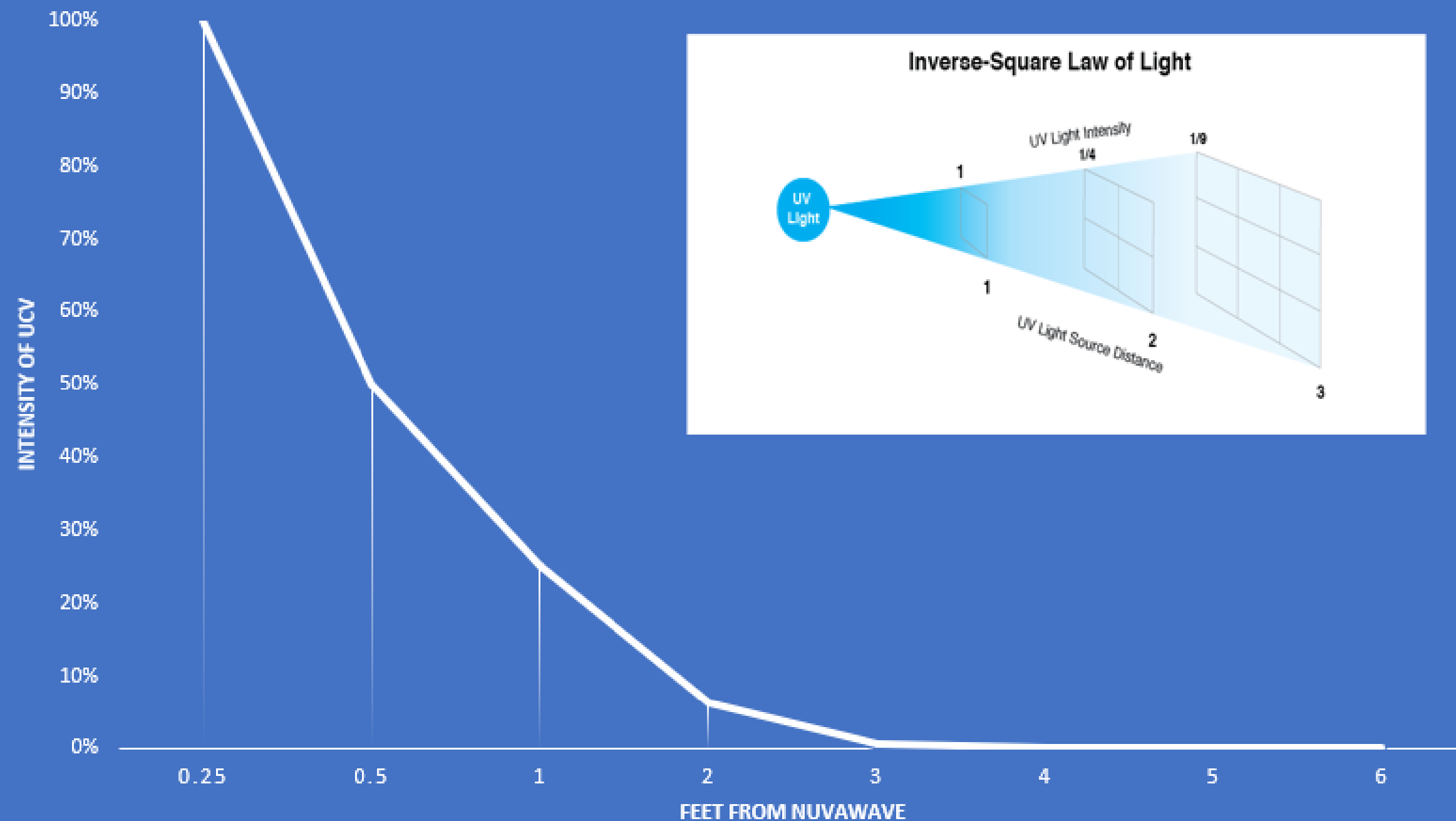
Surface	Time (minutes) to reach Daily Dosage (3 mJ/cm ²)
Phone	1.2
Mirror	2.2
Granite Counter top	2.3
Faucet	9.3
Metal Door Push plate	9.4
Formica counter top	19.2
Glass door	61.7



Safe Around Other People



UVC INTENSITY FALLS OFF EXPONENTIALLY



- Because UVC is a short wavelength of light, the further away from the light, the exposure rate falls off exponentially. Thus, any exposure that could cause discomfort to humans **would need to be extensive and intentional**.
- The absorption length of UVC radiation in human skin is extremely short so that almost no UVC can reach the living cells in the skin; all the absorption occurs in the dead cell layers.
- The eye is much more sensitive to UVC than the skin. At 4 inches of direct exposure to eyes for more than 1 second exceeds the safe threshold limit of an 8-hour day.
- This type of exposure to **eyes would also need to be extensive and intentional**. Eye exposure to UVC can cause Photokeratitis (sensitivity to bright light) or Conjunctivitis (inflammation of membrane covering the eye) resulting in discomfort and a sensation of sand in the eyes.