

4.Safety guidelines, Exposure limits to follow & Protective Measures against UV radiation:

The following are the guidelines given by “International Commission on Non-Ionizing Radiation Protection” (ICNIRP) – on limits of exposure to UV radiation of wavelengths between 180nm & 400 nm (incoherent optical radiation) published in health physics – 2004

Exposure Limits: For both general and occupational exposure to UVR incident upon skin or eye within an 8-hour period, the following applies.

Exposure to eyes:

UV radiation exposure in the spectral region of 180 to 400 nm incident upon the unprotected eye(s) should not exceed 30 J/m².

Exposure to Skin:

For the most sensitive non-pathologic, skin photo types (known as “melano-comprised UV radiation exposure in the spectral region (180-400 nm) upon the unprotected skin should not exceed 30J/m².

Limiting UV exposure duration based on Exposure limit:

Duration of exposure per day 10s effective irradiance 3.0 w/ m² or 300 μw/cm².

Protective Measures:

- While you work with the UVC sanitizer gadgets do not directly see the UV light, when it is in ON, condition.
- Use UV resistant goggles, while working preferably, to be on safe side.
- Protect your eyes & skin, from direct exposure.
- Keep your UVC sanitizer unit, not accessible to children, from a possible misuse.
- Read safety instructions before you switch ON the gadget and operate.
- Go through the demo video/instructions, prepared & given by the company, before you operate.
- Manufacturing company is not responsible for any damage caused, while using the equipment by not following proper instructions.