



## UV SAFETY GUIDELINES

### General UV Safety Information

Unprotected and prolonged exposure to any form of UV light, including UV-A, can result in skin injuries, cataracts and possibly cancer. Even brief exposure can be hazardous if the UV intensity is very high. Thus, it is advised to *always* shield the eyes/face. For maximum protection and whenever possible, hands and arms should also be covered with long sleeves and gloves of a non-fluorescent material.

### Artificial UV Light

Artificial UV light is often regarded as something completely different from the sun's radiation, which it is not. As a result, recommended hygienic exposure times have been calculated for these types of UV-sources, the aim being to prevent injuries and increase safety awareness when working with artificial UV. Artificial UV, such as that emitted from Labino UV lamps, should be regarded as natural UV, i.e. sunlight, and appropriate safety measures should be taken accordingly. Artificial UV sources are used in many industries for many applications. UV is used in combination with a fluorescent media, which is excited by the UV energy and "reflects" light in the visible range of the electromagnetic spectrum.

### Labino UV Lamps

Labino MPXL UV lamps are fitted with a UV light bulb. The Labino light source is a specifically designed UV 35W Gas Discharge Bulb, which in addition to mercury also contains other metals. The mixture of metals in this bulb emits wavelengths between 295 and 800 nm.

### Sensitivity

Certain individuals are naturally hypersensitive to all forms of UV and should avoid any exposure. In general, if itching, inflammation or other unusual symptoms occur, UV exposure should cease immediately. People using certain drugs that produce photosensitivity should avoid exposure to all UV sources.

### UV is Dangerous – Protect yourself!

UV Goggles:	It is of utter importance to use the UV protection. To protect your eyes – use UV Blocking Goggles. There are different goggles on the market, enclosed with this lamp you will find UV safety Goggles that absorbs 99.9 % of all UV up to 385 nm – the best there is on the market.
Visor:	To take extra caution, use a UV block visor that absorbs 99.9 % of all UV up to 385 nm.
Gloves:	Be sure to use gloves that protect you not only from chemicals or cuts, but from UV. And make sure that they do not fluoresce.
Apron:	To protect your body in the best way please use an industry apron with 100 % UV block.