

*Is the production using the wooden heat shield after the head is switched off? If not, a cold wind can cool the glass too quickly causing it to crack. It is recommended, especially in the winter time to always use the heat shield when the head has been turned off in it's cooling phase. This would be even more critical in a territory where temperatures can get quite chilly in the winter months.*

- **Protect Fresnel lenses against mechanical damage.**
- **Avoid damages during installation of a lens (i.e. by mounting clips).**
- **No direct contact between lens flange and metal mounting clips because glass and metal have different thermal expansions.**
- **Check Fresnel lenses after use on side for mechanical damages and replace if necessary. For questions please contact your Fresnel lens supplier.**
- **Temperature of untoughend lenses shall not exceed 470°C (875°F)**
- **Temperature of toughend lenses shall not exceed 330°C (625°F)**
- **Damaged, untoughend Fresnel lenses must be exchanged prior to on site usage.**
- **Do not use any aggressive cleaning agents for cleaning. Use instead common mild dishwashing detergent with plenty of water.**
- **Cleaning shall be done only when lens has cooled down after use. You should be able to touch it with unprotected fingers.**
- **Recognize distance lamp/flange of Fresnel lens back as given by luminaire manufacturer in order to avoid overheating and breakage.**
- **Lenses and luminaire shall be handled and shipped so that no mechanical damage can occur.**
- **Only use lamp-types as recommended by the luminaire manufacturer.**