

Handling Instruction



Fresnel lenses

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SUPRAX 8488

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- 1 **Protect Fresnel lenses against mechanical damage.**
- 2 **Avoid lens damage during installation such as with the mounting clips.**
- 3 **Avoid direct contact between the lens flange and metal mounting clips due to different thermal expansion in each material, use e. g. PTFE insulation material of minimum 2 mm thickness.**
- 4 **Check Fresnel lenses before use on the site for mechanical damage and replace if necessary. For questions please contact your Fresnel lens supplier.**
- 5 **Temperature of tempered lenses shall not exceed 330°C (626°F). Tempering provides added mechanical strength and resistance to thermal shock. If lenses are used above that temperature the tempering effect will be reduced.**
- 6 **Temperature of non-tempered (annealed) lenses shall not exceed 450°C (842°F).**
- 7 **Recognize the minimum distance between lamp and the rear side of the Fresnel lens in order to avoid overheating and breakage.**
- 8 **Lenses and lighting fixtures should be handled and shipped so that no mechanical damage to the lens occurs.**
- 9 **Cleaning should be done only when the lens has cooled down to room temperature after use.**
- 10 **Use only a mild cleaning detergent and water without abrasive additives to clean the Fresnel lens.**
- 11 **Use only lamp types as recommended by the lighting fixture manufacturer.**

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cc: Sales Department

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