

SCHOTT NEXTREMA® 724-3 – transparent

Maximum protection and visibility of heating elements

NEXTREMA® 724-3 is the material of choice in situations where protection and visibility of the heating elements are needed. The material is especially suited for short wave heating applications due to its superior transmission in the relevant spectrum.

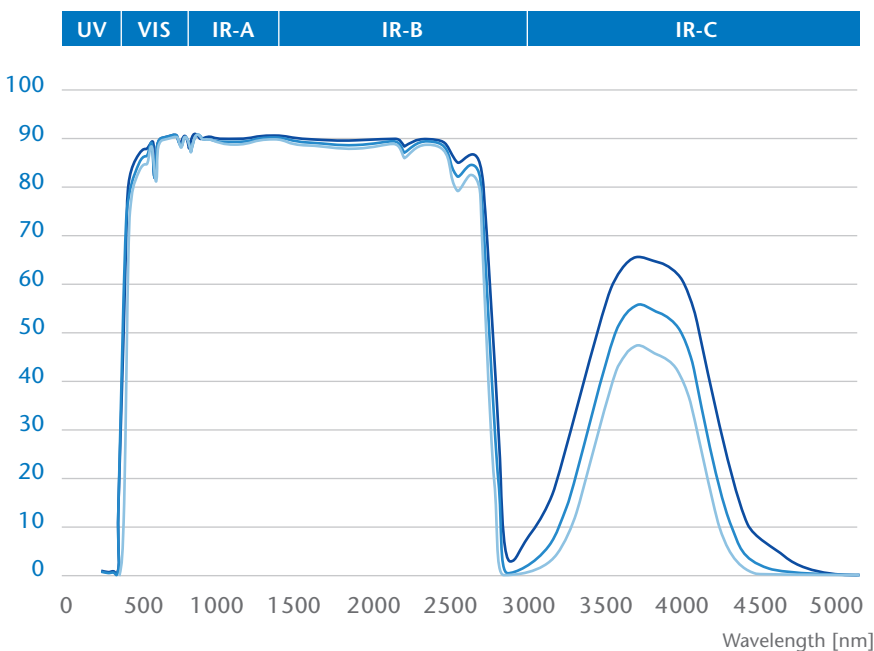
Material benefits

- High transmission from IR-A to IR-B range
- Ability to monitor heating elements
- Easy cleaning due to robust, smooth surface



Overlay of NEXTREMA® transmission with heating element emission spectra

Transmission [%]



NEXTREMA® transmission curves

- NEXTREMA® 724-3
Thickness: approx. 2 mm
- NEXTREMA® 724-3
Thickness: approx. 3 mm
- NEXTREMA® 724-3
Thickness: approx. 4 mm

*Transmission graphs are based on data from individual measurements. Deviations may result from manufacturing process.

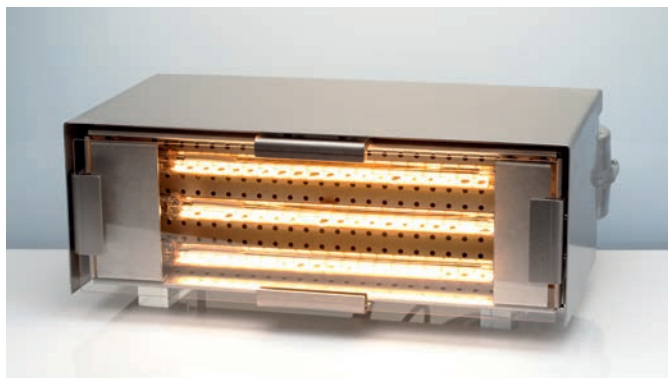
Material data sheets are available for download at:
www.schott.com/nextrema

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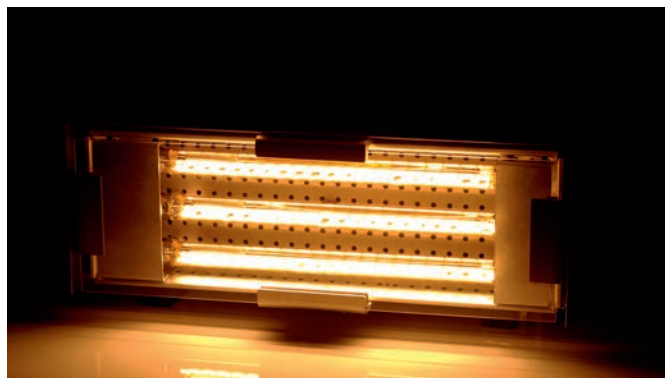
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Appearance in combination with different heating elements

Short wave emitter



Short wave emitter & 724-3 – day view

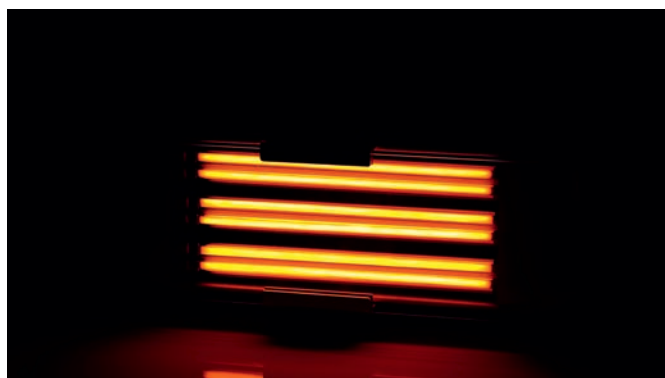


Short wave emitter & 724-3 – night view

Carbon emitter



Carbon emitter & 724-3 – day view

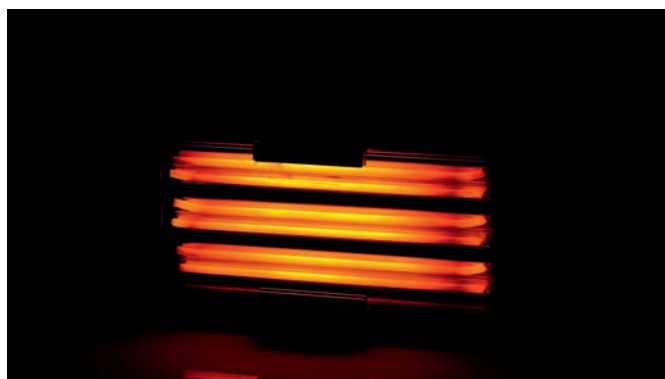


Carbon emitter & 724-3 – night view

Medium wave emitter



Medium wave emitter & 724-3 – day view



Medium wave emitter & 724-3 – night view



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