

SCHOTT NEXTREMA[®] transparent

Maximum protection and visibility of heating elements

NEXTREMA[®] transparent 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.

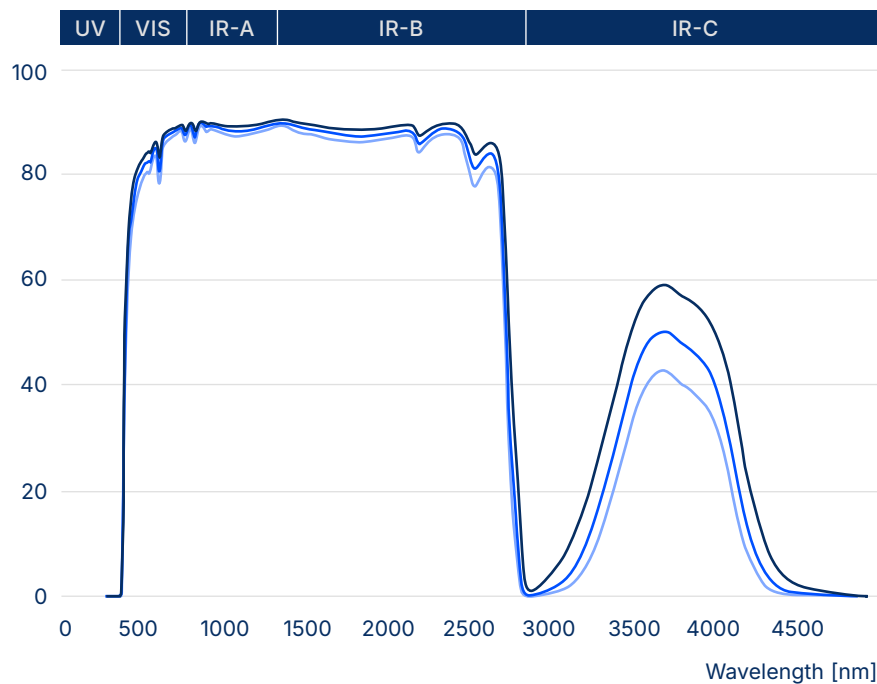
Material benefits

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



Overlay of NEXTREMA[®] transmission with heating element emission spectra

Transmission [%]



NEXTREMA[®] transmission curves

- NEXTREMA[®] transparent
Thickness: approx. 3 mm
- NEXTREMA[®] transparent
Thickness: approx. 4 mm
- NEXTREMA[®] transparent
Thickness: approx. 5 mm

*Transmission graphs are based on data from individual measurements. These specified transmission values refer to glass-ceramic material, both sides flat and polished. Deviations may result from the manufacturing process.

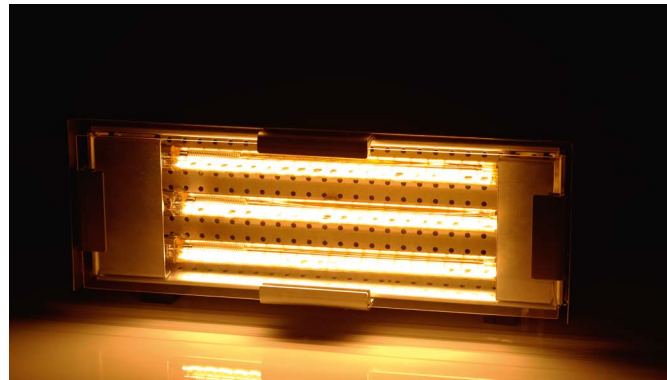
SCHOTT NEXTREMA® transparent

Appearance in combination with different heating elements

Short wave emitter



NEXTREMA® transparent | Short wave emitter – by day

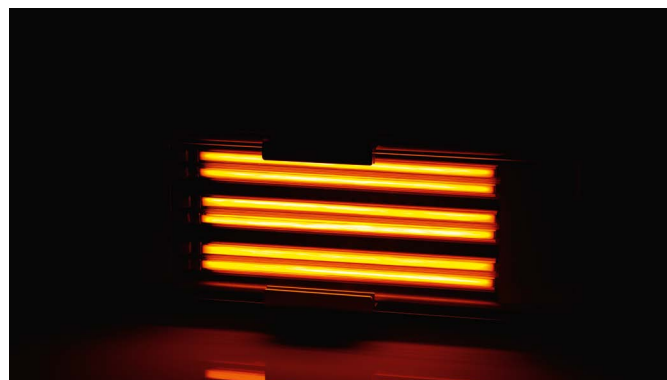


NEXTREMA® transparent | Short wave emitter – by night

Carbon emitter



NEXTREMA® transparent | Carbon emitter – by day

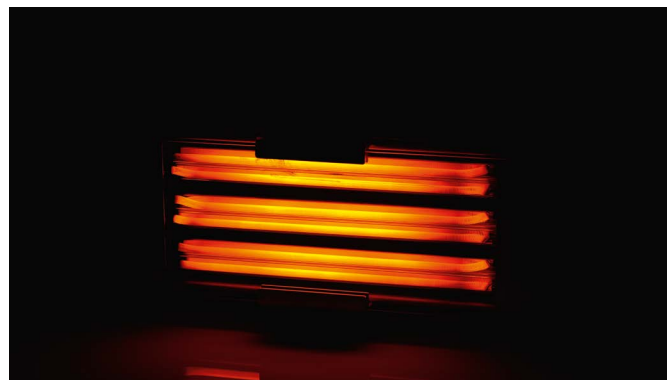


NEXTREMA® transparent | Carbon emitter – by night

Medium wave emitter



NEXTREMA® transparent | Medium wave emitter – by day



NEXTREMA® transparent | Medium wave emitter – by night

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