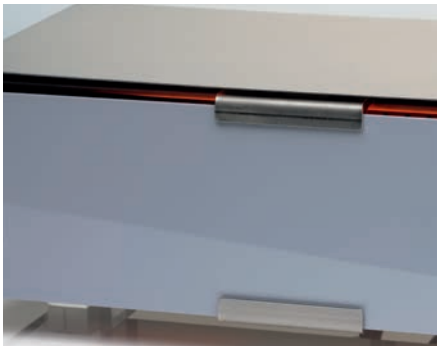
SCHOTT NEXTREMA® 712-8 – opaque grey

Zero visible light and good heating performance

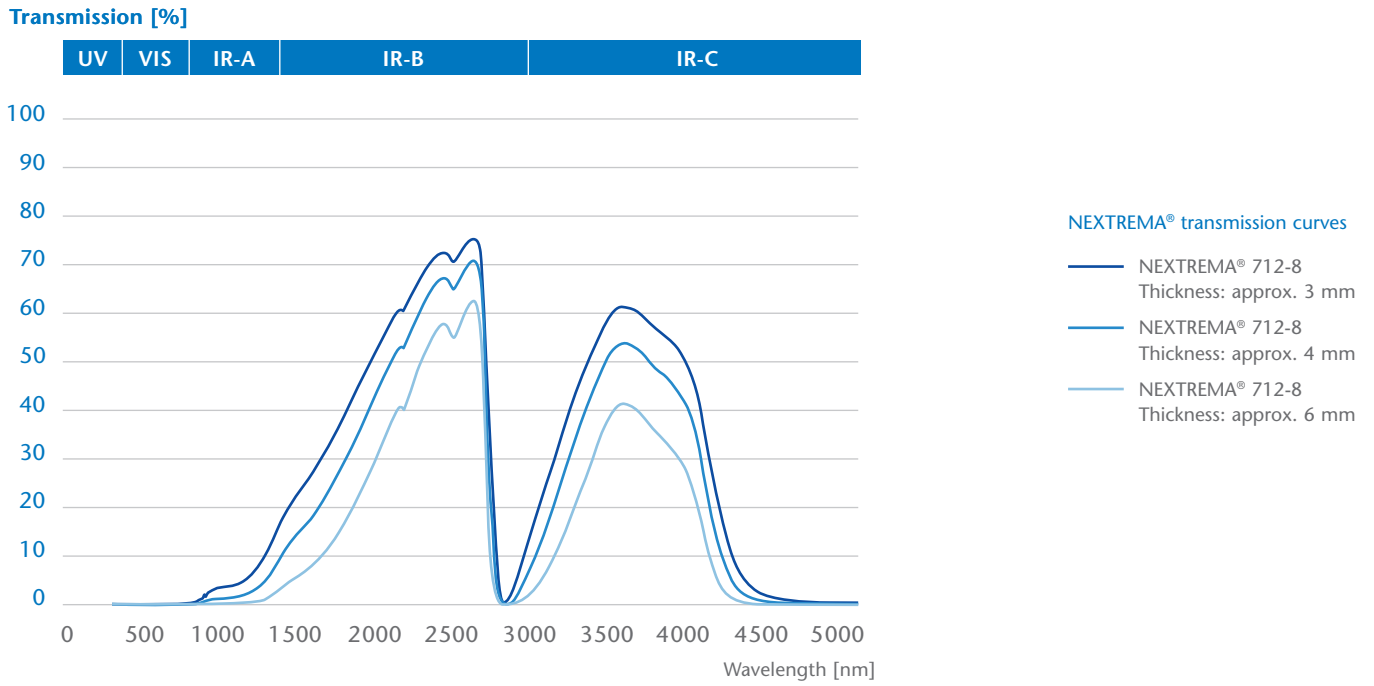
NEXTREMA® 712-8 blocks all visible light and still transmits in the infrared spectrum. Compared to common zero-light radiant heaters that use a metal surface, this material enables faster heat-up times.



Material benefits

- Opaque material that blocks all visible light
- Good transmission in the IR-B and IR-C range
- Easy cleaning due to robust, smooth surface

Overlay of NEXTREMA® transmission with heating element emission spectra



*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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SCHOTT NEXTREMA® 712-8 – opaque grey

Appearance in combination with different heating elements

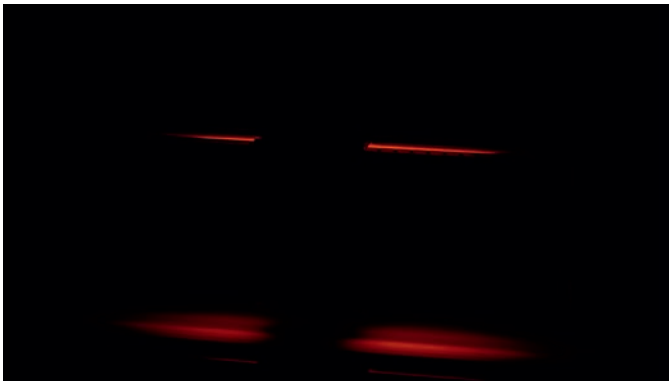
Short wave emitter

Short wave emitter & 712-8 – day view

Short wave emitter & 712-8 – night view

Carbon emitter

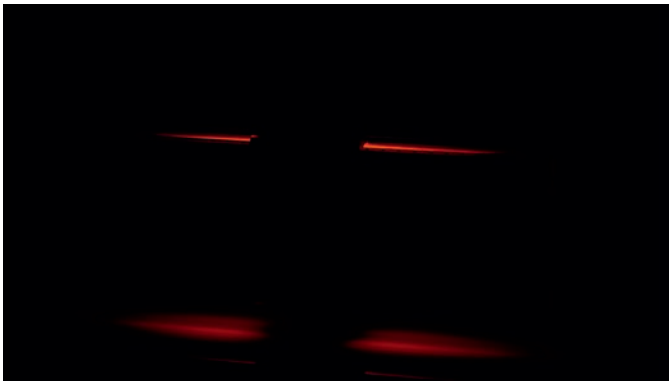
Carbon emitter & 712-8 – day view



Carbon emitter & 712-8 – night view

Medium wave emitter

Medium wave emitter & 712-8 – day view



Medium wave emitter & 712-8 – night view

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Home Tech
SCHOTT AG
Hattenbergstrasse 10
55122 Mainz
Germany
Phone: +49 (0)6131/66-25431
Fax: +49 (0)3641/28889162
info.nextrema@schott.com

www.schott.com/nextrema

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